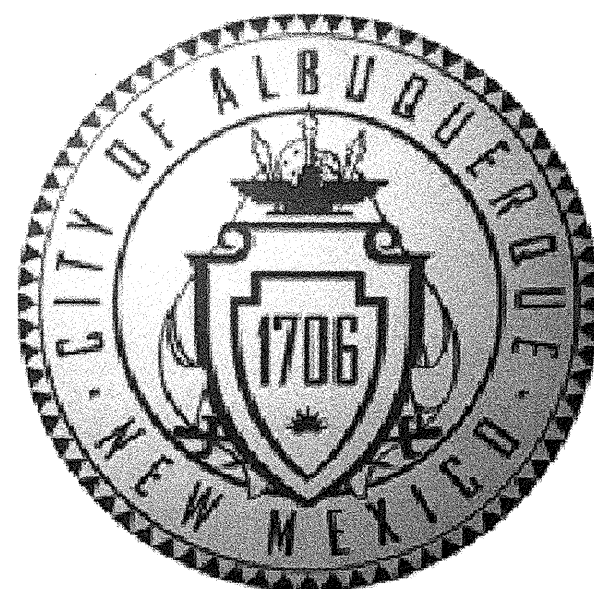


AUGUST 2006

CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
DESIGN DEVELOPMENT DIVISION



ON-CALL PROTOTYPE MEDIAN AND  
INTERSTATE LANDSCAPES FY-06C

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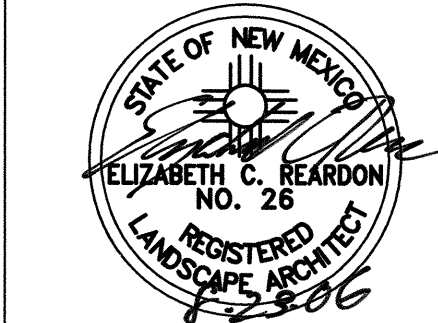
NOTE: INDIVIDUAL  
MEDIAN PROJECTS WILL  
BE IN VARIOUS  
LOCATIONS THROUGHOUT  
THE CITY – FINAL  
LOCATIONS ARE YET TO  
BE DETERMINED.

VICINITY MAP

GENERAL NOTES

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED, FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 ED. AND SHALL INCLUDE UPDATE NO.7
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONSTRUCTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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 ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) SEVEN WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- 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 AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISH ELEVATION 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 NEW GRADE, UNLESS OTHERWISE SPECIFIED.

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|                            |        |                     |                    |                 |  |                 |      |
|----------------------------|--------|---------------------|--------------------|-----------------|--|-----------------|------|
| REV.                       | SHEETS | CITY ENGINEER       | DATE               | USER DEPARTMENT | DATE   | USER DEPARTMENT | DATE |
| LANDSCAPE ARCHITECT'S SEAL |        | APPROVALS           | ENGINEER           | DATE            | *****  |                 |      |
|                            |        | DRC CHAIRMAN        | <i>[Signature]</i> | 8/24/06         | APPROVED FOR CONSTRUCTION                        |                 |      |
|                            |        | TRANSPORTATION      | N/A                |                 |  |                 |      |
|                            |        | WATER/WASTEWATER    | N/A                |                 |  |                 |      |
|                            |        | HYDROLOGY           | N/A                |                 |  |                 |      |
|                            |        | PARKS & RECREATION  |                    |                 |  |                 |      |
|                            |        | CONSTR. COORD.      |                    |                 | <i>[Signature]</i> 8-25-06<br>City Engineer Date |                 |      |
|                            |        | ENV. HEALTH         |                    |                 |  |                 |      |
|                            |        | City Project Number | 790200             |                 | Sheet  | Of              |      |
|                            |        |                     |                    |                 | 1 of 25  |                 |      |



GENERAL NOTES

1. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL VERIFY THE FOLLOWING WITH THE CITY PROJECT MANAGER:
- EXISTING WATER PRESSURE (SEE IRRIGATION NOTE #3).
  - ELEVATION DIFFERENCE (SEE IRRIGATION NOTE #3).
  - TYPE OF CONTROLLER TO BE INSTALLED TO A DESIGNED SOIL.
  - RESULTS OF SOIL TEST, IF ANY, TO DETERMINE PRESENCE OF SOIL STERILANTS.
  - RESULTS OF BORING TESTS, IF ANY, TO DETERMINE PRESENCE OF SUBSURFACE DEBRIS.
  - REQUIRED CLEAR ZONE AT BACK OF CURB (AREA FREE OF PLANTS AND OTHER IMPROVEMENTS) (SEE PLANTING NOTE #3).
  - REQUIREMENT FOR CONSTRUCTION OF A DEDICATED PARKING AREA FOR MAINTENANCE VEHICLES, PARKING AREA, IF ANY, SHALL BE PER DETAIL A/3 OR B/3, AS DIRECTED BY THE PROJECT MANAGER.
  - PROTOTYPE SELECTION AND LAYOUT.
  - TYPE AND COLOR OF MULCH(ES) TO BE INSTALLED.
  - TYPE OF PAVING TO BE CONSTRUCTED.
  - OBTAIN A COPY OF THE WORK ORDER PLAN FOR USE IN PREPARATION OF RECORD DRAWINGS.
  - QUANTITY OF PROJECT SIGNS.
2. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL PERFORM THE FOLLOWING:
- ONLY AS REQUESTED BY THE OWNER, OBTAIN SOIL SAMPLES TO BE USED FOR TESTING FOR SOIL STERILANTS. EACH SAMPLE SHALL CONSIST OF SOIL TAKEN FROM THREE (3) TEST HOLES. HOLES SHALL BE MAX. 12" DEEP AND 12" DIAMETER. HOLES SHALL BE SUBMITTED TO A DESIGNED SOIL TESTING LAB. TESTS SHALL NOT BE FOR SPECIFIC CHEMICALS, BUT SHALL BE MADE BY SEEDING THE SAMPLE SOIL AND TESTING FOR SUCCESSFUL GERMINATION AND GROWTH.
  - ONLY AS REQUESTED BY THE OWNER, PERFORM POTHOLING TO A DEPTH OF 3' TO DETERMINE PRESENCE OF SUB-SURFACE PAVING OR DEBRIS.
3. CONTRACTOR SHALL REMOVE EXISTING SOIL AS REQUIRED TO ENSURE TOP OF PROPOSED MULCH IS ONE INCH BELOW TOP OF CURB. FOR BIDDING PURPOSES, IT SHALL BE ASSUMED THAT EXISTING FINISH GRADE WITHIN A PROTOTYPE PCD IS FLUSH WITH TOP OF ADJACENT CURB. SOIL TO BE REMOVED WITHIN A PCD THAT IS ABOVE TOP OF CURB SHALL BE REMOVED AND PAID FOR AS A UNIT TO BID ITEM.
4. CONTRACTOR SHALL REMOVE ANY EXISTING DEBRIS AND SUBSURFACE PAVING THAT MAY BE PRESENT TO A THREE FOOT DEPTH BELOW GRADE.
5. SOIL AND DEBRIS REMOVED FROM PROJECT SITE SHALL BE DISPOSED OF IN AN APPROVED WASTE MANAGEMENT SITE.
6. A 4" DEPTH OF MULCH WITH FILTER FABRIC UNDER SHALL BE INSTALLED THROUGHOUT NON-PAVED AREAS. FILTER FABRIC SHALL BE MINIMUM FOUR OUNCE WOVEN NEEDLE PUNCHED POLYPROPYLENE. OVERLAP ENDS 3". TURN DOWN EDGES 6". TOP OF MULCH SHALL BE 2" BELOW TOP OF CURB.
7. MULCH FOR MEDIANS SHALL BE AS FOLLOWS:
- WHERE PLANTING PLANS SPECIFY 'CRUSHER FINES OR GRAVEL MULCH', CRUSHER FINES SHALL BE A WARM-TONE GRAVEL ('BUILDOLOGY BROWN' OR EQUAL) 1/4" MINUS. GRAVEL SHALL BE 3/4"-1" WARM-TONE GRAVEL ('BUILDOLOGY BROWN' OR EQUAL) SUBANGULAR GRAVEL.
  - WHERE PLANTING PLANS SPECIFY 'COBBLE MULCH', MULCH SHALL BE 2"-4" WARM-TONE('BUILDOLOGY BROWN' OR EQUAL) COBBLE.
- CONTRACTOR TO VERIFY MULCH TYPE AND COLOR WITH CITY PROJECT MANAGER.
8. MEDIAN NOSES SHALL BE PAVED PER DETAIL E/3. MEDIAN NOSE PAVING AND MEDIAN PAVING SHALL BE ONE OF THE FOLLOWING:
- STANDARD GRAY, BROOM FINISH CONCRETE
  - COLORLED, BROOM FINISH CONCRETE
  - COLORLED, STAMPED CONCRETE
  - SPECIALTY SCORED PATTERN IN STANDARD GREY CONCRETE WITH BROOM FINISH
  - SPECIALTY SCORED PATTERN IN COLORED CONCRETE WITH BROOM FINISH
  - PAVING SHALL MATCH EXISTING PAVING IN ADJACENT AREAS, IF APPLICABLE
- CONTRACTOR SHALL VERIFY PAVING TYPE AND COLOR WITH CITY PROJECT MANAGER. FOR BIDDING PURPOSES, COLOR SHALL BE DAVIS 'SAN DIEGO BUFF' OR EQUAL, 15 LBS PER 94 LB SACK OF CEMENT. CONCRETE MIX (INCLUDING CONCRETE WITH COLOR) SHALL BE IN ACCORDANCE WITH C.O.A. STANDARD MIX DESIGN AND SHALL BE CERTIFIED BY THE CITY OF ALBUQUERQUE PRIOR TO USE.
9. CONTRACTOR SHALL PAINT MEDIAN NOSE CURBS WITH TWO COATS YELLOW TRAFFIC PAINT TO 4' BEYOND POINT OF CURVATURE.
10. BOULDERS SHALL BE 16 CF TO 24 CF MOSS ROCK, GRANITE, OR EQUAL AS APPROVED BY THE CITY PROJECT MANAGER. CINDER BOULDERS WILL NOT BE ACCEPTABLE. BOULDERS SHALL BE INSTALLED PER DETAIL F/3.
11. CONTRACTOR SHALL ADJUST EXISTING MANHOLES AND VALVE BOXES TO BE FLUSH WITH TOP OF MULCH OR TOP OF PAVING. CONTRACTOR SHALL FEATHER GRADE AT PULLBOXES AS REQUIRED FOR TOP OF MULCH TO BE FLUSH WITH TOP OF PULLBOX. SEE DETAIL F/4.
12. CONTRACTOR SHALL REPLACE ANY DAMAGED EXISTING PULLBOXES AND/OR VALVE BOXES TO REMAIN WITH NEW BOXES AND/OR COVERS AS REQUIRED TO REPLACE DAMAGED MATERIALS.
13. CONTRACTOR SHALL PROTECT EXISTING UTILITIES, INCLUDING LOOP DETECTORS, FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. CONTRACTOR SHALL REPAIR OR REPLACE UTILITIES DAMAGED BY CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
14. PRIOR TO FINAL PROJECT ACCEPTANCE THE CONTRACTOR SHALL COMPLETE THE FOLLOWING:
- INSTALL ONE CONTROLLER ENCLOSURE IN CONTROLLER ENCLOSURE. SUBMIT TWO CONTROLLER CHARTS TO PARK MANAGEMENT.
  - HAVE BACKFLOW PREVENTER TESTED, INSPECTED AND TAGGED WITH APPROVAL.
  - PROVIDE A STATEMENT SHOWING THAT THE WATER BILL FOR THE PROJECT HAS BEEN PAID IN FULL BY THE CONTRACTOR.
  - PROVIDE A BILLING STATEMENT FROM THE ELECTRICAL COMPANY SHOWING THAT THE ELECTRIC BILL FOR THE PROJECT HAS BEEN PAID IN FULL BY THE CONTRACTOR AND TRANSFERRED TO THE CITY.
- E. SUBMIT RECORD (AS-BUILT) DRAWINGS ON AUTOCADD (TWO ELECTRONIC COPIES ON CD AND ONE PAPER COPY) IN ACCORDANCE WITH THE C.O.A. D.P.M. CHAPTER 21
- INCLUDE SQUARE FOOTAGE OF PROJECT.
  - INCLUDE LIST OF PLANTS INSTALLED AND QUANTITY OF EACH.
  - INCLUDE WATER METER ADDRESS.
  - INCLUDE ANY EASEMENTS THAT MAY HAVE BEEN CREATED FOR THE PROJECT FOR IRRIGATION COMPONENTS OUTSIDE THE RIGHT-OF-WAY.
- F. PROVIDE KEYS FOR IRRIGATION COMPONENTS TO OWNER.
15. CONTRACTOR SHALL ENSURE COMPLIANCE WITH MAXIMUM HEIGHT OF HARD ELEMENTS PER DETAIL C/3.
16. CONTRACTOR SHALL ENSURE COMPLIANCE WITH MINIMUM HORIZONTAL CLEARANCE PER DETAIL D/3.
17. CONTRACTOR SHALL ENSURE COMPLIANCE WITH CLEAR SIGHT DISTANCES PER DETAILS G/3 AND H/3.
18. NEIGHBORHOOD SIGNS, IF ANY, SHALL BE APPROVED BY THE CITY PROJECT MANAGER AND PARK MANAGEMENT PRIOR TO MANUFACTURE AND INSTALLATION.
19. PRO RATED CHARGES SHALL BE PAID BY THE OWNER.
20. TRAFFIC CONTROL PLANS SHALL BE PER C.O.A. STANDARDS AND MUTCD (MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES). LANE CLOSURES ON INTERSTATES SHALL OCCUR BETWEEN THE HOURS OF 9:00 PM, AND 5:00 AM, ONLY.
21. CONTRACTOR SHALL PROVIDE AND IMPLEMENT A STORM WATER PROTECTION PLAN (SUPP) FOR INDIVIDUAL WORK ORDER PROJECTS THAT EXCEED ONE ACRE IN SIZE.
22. CONTRACTOR SHALL OBTAIN A NMDOT PERMIT FOR WORK ON THE INTERSTATE.

IRRIGATION PERFORMANCE CRITERIA AND NOTES

1. METER, BACKFLOW PREVENTER, MASTER VALVE, FLOW METER, AND CONTROLLER SHALL BE LOCATED IN THE MEDIAN. LOCATE ADJACENT TO MAINTENANCE VEHICLE PARKING AREA OR NEAR THE NOSE OF THE MEDIAN WHERE A PARKING AREA IS NOT PROVIDED. ELECTRIC METER SHALL BE LOCATED AS IDENTIFIED IN THE FIELD.
2. NO TRENCHING SHALL OCCUR WITHIN ONE (1) FOOT OF BACK OF CURB.
3. MAINLINE AND LATERALS SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET AWAY FROM BASE OF TREES.
4. A RAINBIRD 'AIR' OR EQUAL AIR RELIEF VALVE SHALL BE INSTALLED AT HIGH POINT OF MAIN LINE PER COA STANDARD DUG. 2105.
5. VALVE BOXES SHALL BE LOCATED MINIMUM 6'-0" FROM EDGE OF TREE ROOT BALL.
6. A MINIMUM OF 36-INCHES SHALL BE PROVIDED BETWEEN ADJACENT VALVE BOXES.
7. CONTRACTOR SHALL PROVIDE THREE (3) BUBBLERS PER TREE.
8. CONTRACTOR SHALL PROVIDE TWO (2) BUBBLERS PER VERTICAL SHRUB.
9. CONTRACTOR SHALL PROVIDE ONE (1) BUBBLER PER SHRUB (OTHER THAN VERTICAL SHRUBS)
10. BUBBLERS SHALL BE LOCATED THREE (3) FEET FROM TREE ROOT BALL, TRIANGULATED AROUND THE ROOT BALL.
11. SHRUB HEADS AND TREE HEADS SHALL BE ZONED ON THE SAME VALVE.
12. BUBBLERS SHALL BE 1" ABOVE TOP OF MULCH.
13. CONTRACTOR SHALL VERIFY EXISTING PRESSURE AND ELEVATION DIFFERENCE FROM POINT OF CONNECTION TO EACH END OF THE PROJECT WITH THE CITY PROJECT MANAGER AND SHALL ENSURE THAT THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE PROPERLY WITHIN THE EXISTING PRESSURE, INCLUDING PRESSURE LOSS FROM TAP THROUGH BACKFLOW PREVENTER AND PRESSURE LOSS FROM ELEVATION CHANGE.
14. CONTRACTOR SHALL INSTALL SLEEVES FOR ALL MAINLINE, LATERAL PIPING AND WIRING UNDER PAVED SURFACES. SLEEVES FOR IRRIGATION LINES SHALL BE CLASS 200 PVC. MINIMUM TWO SIZES LARGER THAN PIPE OR SIZE AS REQUIRED TO ACCOMMODATE LENGTH OF RUN. SLEEVES FOR WIRE SHALL BE MIN. 2", OR SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF WIRE.
15. CONTRACTOR SHALL INSTALL BOULDERS, BOLLARDS, OR OTHER HARD ELEMENT AROUND THE CONTROLLER AND BACKFLOW PREVENTER TO PROTECT THE IRRIGATION COMPONENTS FROM VEHICULAR DAMAGE. CITY PROJECT MANAGER WILL DETERMINE THE APPROPRIATE MATERIAL FOR THE HARD ELEMENT. SEE DETAILS A/2 AND B/2.
16. WATER METER AND SUPPLY LINE BETWEEN METER AND CITY MAIN SHALL BE SAME SIZE AS LARGEST PORTION OF IRRIGATION MAIN LINE.
17. BACKFLOW PREVENTER SHALL BE THE SAME SIZE AS THE WATER METER AND SUPPLY LINE.
18. BACKFLOW PREVENTER SHALL BE A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE.
19. BACKFLOW PREVENTER ENCLOSURE SHALL BE 'HOTKROK' INSULATED ENCLOSURE WITH HINGED LID AND CLASP FOR LOCK (LOCK BY OWNER). CONTRACTOR SHALL ENSURE THAT CLASP IS OF ADEQUATE LENGTH TO ACCOMMODATE LOCK.
20. CONTROLLER SHALL BE ONE OF THE FOLLOWING:
- IF THERE IS AN EXISTING IRRINET WITHIN COMMUNICATION RANGE OF THE PROJECT SITE, THE CONTROLLER SHALL BE A SCORPIO CONTROLLER.
  - IF THERE IS NOT AN EXISTING IRRINET WITHIN COMMUNICATION RANGE OF THE PROJECT SITE, THE CONTROLLER SHALL BE AN IRRINET-XL CONTROLLER. CONTRACTOR SHALL PROVIDE ONE (1) MOTOROLA IS - XLDAL LAPTOP COMPUTER FOR PROGRAMMING THE IRRINET CONTROLLERS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROGRAMMING THE CONTROLLERS.
  - IF THERE IS NO ELECTRICAL POWER AVAILABLE FOR THE PROJECT SITE, A SOLAR POWERED CONTROLLER WITH COMPLETE SOLAR ASSEMBLY SHALL BE INSTALLED.
21. CONTRACTOR SHALL VERIFY CONTROLLER TYPE WITH THE CITY PROJECT MANAGER.
- A CONTROLLER KEY PAD SHALL BE PROVIDED WITH EACH IRRINET CONTROLLER.
- SOLAR ASSEMBLY FOR SOLAR POWERED CONTROLLERS SHALL INCLUDE THE FOLLOWING:
- SCORPIOS:**
- 20 WATT SOLAR PANEL
  - 21' 2" GALV. STEEL MOUNTING POST
  - MOUNTING BRACKET
  - CONTROLLER REGULATOR
  - 12 AMP BATTERY
- IRRINETs:**
- 2 EA. - 15 WATT SOLAR PANEL
  - 21' 4" GALV. STEEL MOUNTING POST
  - MOUNTING HARDWARE
  - CONTROLLER REGULATOR
  - 2 EA. - 125 AMP BATTERY
  - BATTERY ENCLOSURE
- ASSEMBLY SHALL BE CONSTRUCTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS WITH SOLAR PANEL 6" 1" ABOVE FINISH GRADE.
22. CONTRACTOR SHALL PROVIDE METER, METER PEDESTAL, POWER DROP, AND TWO 120-VOLT, 20 AMP CIRCUITS FROM CLOSEST ELECTRICAL SOURCE TO IRRIGATION CONTROLLER AND BACKFLOW PREVENTER ENCLOSURE (ONE TO EACH). ALL WORK AND MATERIALS SHALL MEET LOCAL CODES AND THE NATIONAL ELECTRIC CODE (NEC). CONTRACTOR SHALL VERIFY ELECTRICAL SOURCE WITH CITY PROJECT MANAGER. ELECTRIC METER SHALL BE LOCATED AS DIRECTED IN FIELD. CONTRACTOR SHALL VERIFY LOCATION WITH CITY PROJECT MANAGER. POWER DROP SHALL BE PER DTL A/4. METER AND PEDESTAL SHALL BE PER FNM STD DUG. D5-15-T11.
23. BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION DEVICE TESTER.
24. IRRIGATION LINE CROSSINGS BETWEEN MEDIANS SHALL BE PER DETAIL G/4.
25. A 2" CLEARANCE SHALL BE PROVIDED BETWEEN TOP OF GRAVEL IN VALVE BOX AND BOTTOM OF VALVE AND PIPE. DEPTH OF GRAVEL IN VALVE BOX SHALL BE 6".
26. BLOCKS AT BASE OF VALVE BOXES SHALL BE SOLID CMU 4"x8"x16".
27. MAIN LINE SHALL BE INSTALLED ON THE SIDE OF THE MEDIAN ADJACENT TO THE SIDE OF THE STREET WITH THE 7:00 AM LANE CLOSURE. CONTRACTOR SHALL VERIFY APPLICABLE STREET SIDE IN CONJUNCTION WITH THE APPLICATION FOR BARRICADING PERMIT.
28. CONTRACTOR SHALL INSTALL IN-LINE CHECK VALVES ON MAIN LINES WHERE THERE ARE SIGNIFICANT CHANGES IN ELEVATION ON THE MAIN LINE.
29. CONTRACTOR SHALL INSTALL AN AIR RELIEF VALVE AT EACH HIGH POINT ON MAIN LINE.
30. CONTRACTOR SHALL DESIGN THE IRRIGATION SYSTEM FOR EACH WORK ORDER IN ACCORDANCE WITH THE IRRIGATION PERFORMANCE CRITERIA, THE IRRIGATION PLAN FOR EACH PROTOTYPE, AND THE VALVE, LINE, AND WIRE SIZING CHARTS. CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE IRRIGATION DESIGN ON AUTOCAD TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH THE WORK. THE OWNER WILL PROVIDE AN ELECTRONIC DRAWING FILE ON AUTOCAD TO THE CONTRACTOR ON WHICH THE CONTRACTOR SHALL PRODUCE THE IRRIGATION PLAN.

PLANTING NOTES

1. TREES SHALL BE PLANTED PER DETAIL H/4. SHRUBS SHALL BE PLANTED PER DETAIL I/4.
2. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
3. IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY PLANTS BETWEEN THE CONTAINER SIZE CALLED OUT UNDER 'REMARKS' AND HEIGHT & SPREAD CALLED OUT UNDER 'SIZE', THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER 'SIZE', EVEN IF THE LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES TO 6 FEET ABOVE FINISH GRADE.
5. BALLED AND BURLAPPED TREES ARE AN ACCEPTABLE SUBSTITUTION FOR BOXED TREES IF PLANT MATERIAL SIZE MEETS THE CALIPER, HEIGHT, AND SPREAD REQUIREMENTS SPECIFIED ON THE PLANT LIST AND MEETS THE REQUIREMENTS OF SPECIFICATION SECTION 1005.
6. UNLESS OTHERWISE SPECIFIED, CLEAR ZONE AT BACK OF CURB (AREA FREE OF PLANTS AND OTHER IMPROVEMENTS) SHALL BE 2'-0".
7. MINIMUM DISTANCE BETWEEN SHRUBS AND BETWEEN ORNAMENTAL GRASSES SHALL BE 4' - 0".
8. MINIMUM DISTANCE BETWEEN A PLANT AND A MANHOLE SHALL BE 8'-0"

VALVE SIZING CHART

| GPM                              | VALVE SIZE |
|----------------------------------|------------|
| 0-15                             | 3/4"       |
| 16-30                            | 1"         |
| 31-70                            | 1 1/2"     |
| 71-100                           | 2"         |
| (MAXIMUM VALVE SIZE SHALL BE 2") |            |

LINE SIZING CHART

| GPM                                 | LINE SIZE |
|-------------------------------------|-----------|
| 0-5                                 | 3/4"      |
| > 5-12                              | 1"        |
| > 12-22                             | 1 1/4"    |
| > 22-30                             | 1 1/2"    |
| > 30-50                             | 2"        |
| > 50-100                            | 2 1/2"    |
| (MAXIMUM PIPE SIZE SHALL BE 2 1/2") |           |

WIRE SIZING CHART: 24 VOLT CONTROL WIRE

| LENGTH OF RUN | WIRE SIZE |
|---------------|-----------|
| 0-500 LF      | 12 GA     |
| OVER 500 LF   | 10 GA     |

PROJECTED WATER USE

| PROTOTYPE | STANDARD 16' WIDE MEDIAN (INCHES / SQ. FT. / YEAR) | WIDE (30') MEDIAN (INCHES / SQ. FT. / YEAR) |
|-----------|--|---|
| A         | 14   | 9.1   |
| B         | 8  | 4.5   |
| C         | 20   | 14.2  |
| D         | 9  | 6.2   |
| E         | 19   | 13.4  |
| F         | 23.6   | 20.5  |
| G         | 21   | 14  |
| H         | 12   | 6.3   |
| I         | -  | -   |
| J         | 42   | 23  |

EXTENDED WARRANTY

CONTRACTOR SHALL PROVIDE A TWO-YEAR WARRANTY ON THE PROJECT. WARRANTY SHALL BEGIN UPON FINAL ACCEPTANCE OF THE CONSTRUCTION OF EACH WORK ORDER AND SHALL CONTINUE FOR TWO YEARS.

WARRANTY ON IRRIGATION SYSTEM SHALL INCLUDE REPLACEMENT OF DEFECTIVE MATERIALS AND/OR WORKMANSHIP, REPAIR OF DAMAGE DUE TO LINE BREAKS CAUSED BY DEFECTIVE MATERIAL AND/OR WORKMANSHIP, SEASONAL PROGRAMMING OF THE CONTROLLER, ADJUSTMENT OF HEADS, REPAIR OF ANY SETTLEMENT OF TRENCHES, AND GENERAL MONITORING AND ADJUSTMENT OF THE SYSTEM AS REQUIRED TO INSURE HEALTH OF THE PLANTS. CONTRACTOR SHALL COMPLETE REPAIR OF DEFECTIVE MATERIAL WITHIN 24 HOURS OF THE SYSTEM FAILURE AND SHALL COMPLETE REPAIR OF DAMAGES DUE TO LINE BREAKS WITHIN 48 HOURS OF THE LINE BREAK.

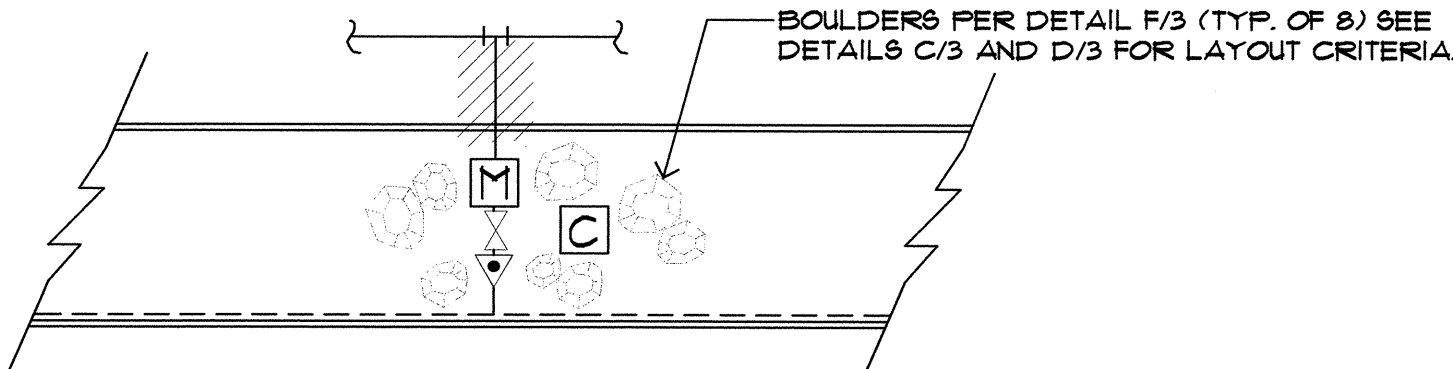
WARRANTY ON PLANTS SHALL INCLUDE WATERING, WEEDING, CULTIVATING, REMOVAL OF DEAD MATERIAL, REMOVAL OF DEBRIS (INCLUDING REMOVAL OF GRAVEL MULCH THAT HAS BEEN DISPLACED FROM THE LANDSCAPE AREAS), RESETTLEMENT OF TREES TO AN UPRIGHT POSITION, RESTORATION OF EARTH BASINS, RESTORATION OF DISTURBED MULCHED AREAS AND SUCH OTHER OPERATIONS AS MAY BE NECESSARY FOR THE HEALTH OF THE PLANTED STOCK AND THE GENERAL APPEARANCE OF THE PROJECT AREA. WEEDING AND REMOVAL OF DEBRIS SHALL BE PERFORMED ON A WEEKLY BASIS.

WARRANTY SHALL INCLUDE REPAIR OR REPLACEMENT OF IRRIGATION, PLANTS, AND/OR MULCH DAMAGED BY TRESPASS, EROSION (INCLUDING WATERING), WEATHER DISEASE AND THE LIKE. WARRANTY SHALL NOT INCLUDE REPAIR OR REPLACEMENT OF IRRIGATION MATERIALS OR PLANTS THAT ARE DAMAGED AS A RESULT OF VANDALISM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF WATER AND ELECTRICITY DURING CONSTRUCTION AND DURING THE TWO YEAR WARRANTY.



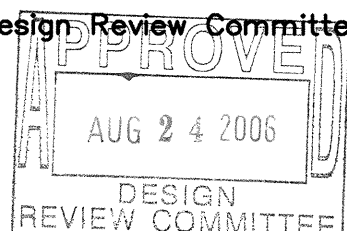
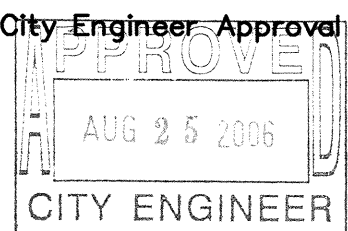
COA SPEC. SECTION 10015.24, SYSTEM MAINTENANCE AND WARRANTY, SHALL BE DELETED IN ITS ENTIRETY.

COA SPEC. SECTION 1005.6, MAINTENANCE AND PROTECTION: FIRST PARAGRAPH, SHALL BE DELETED IN ITS ENTIRETY.

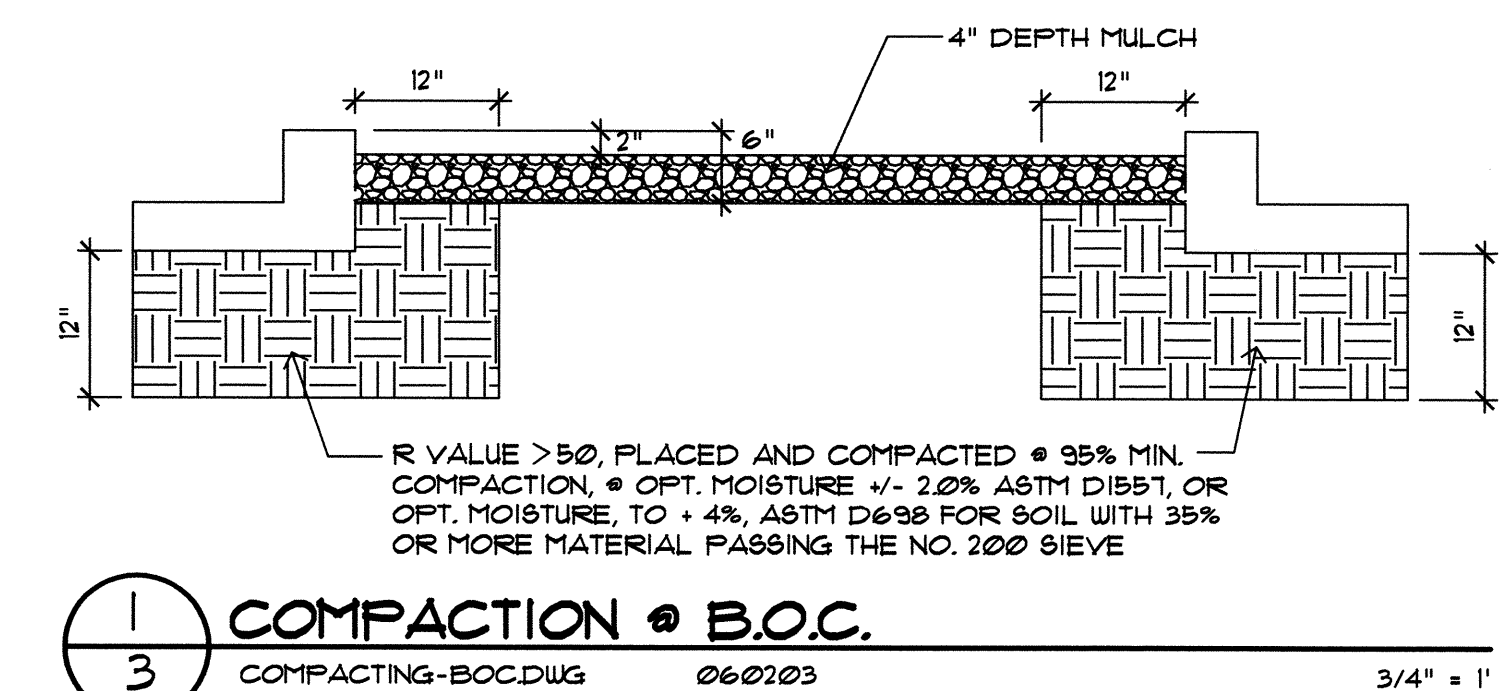
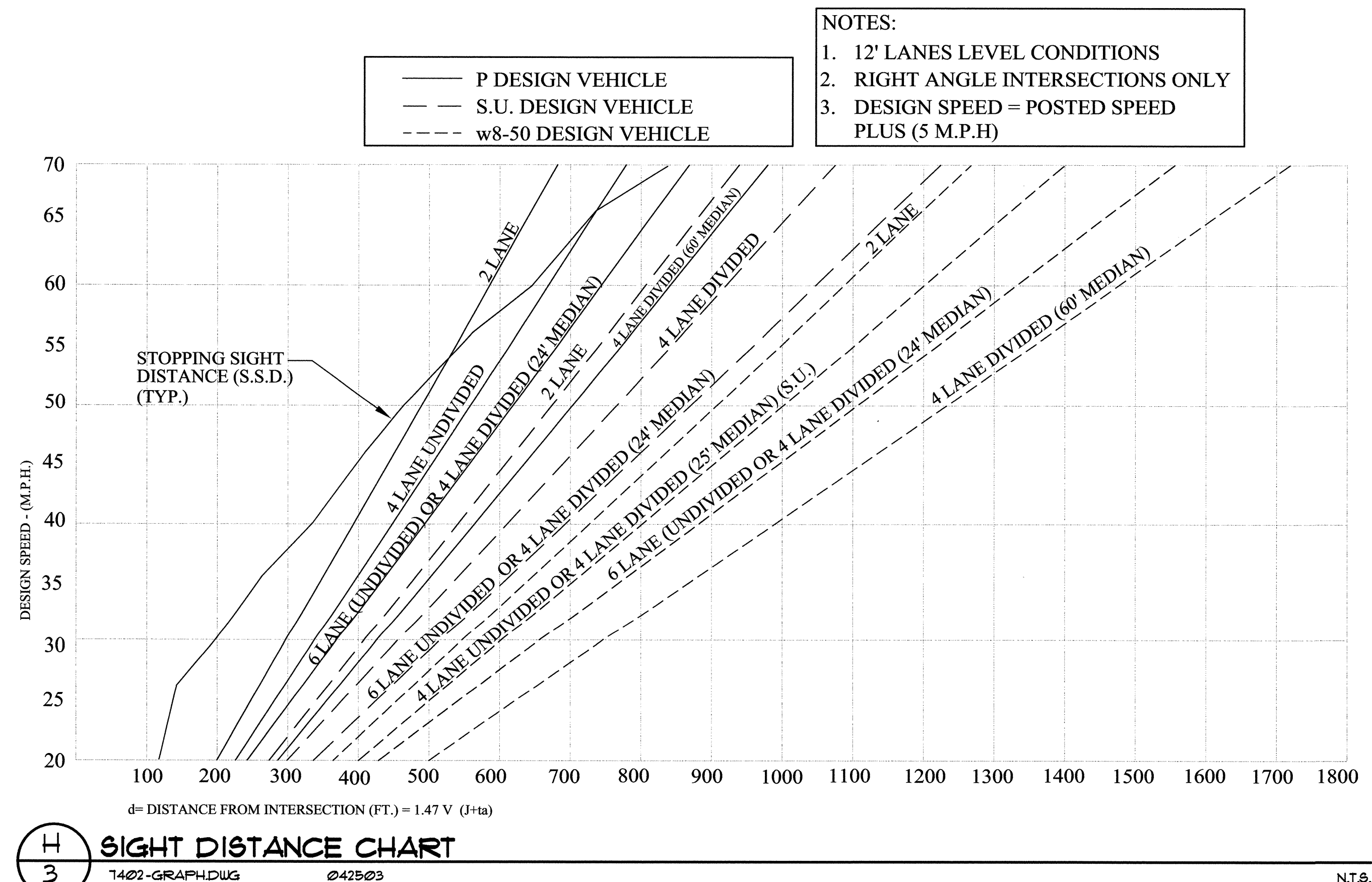
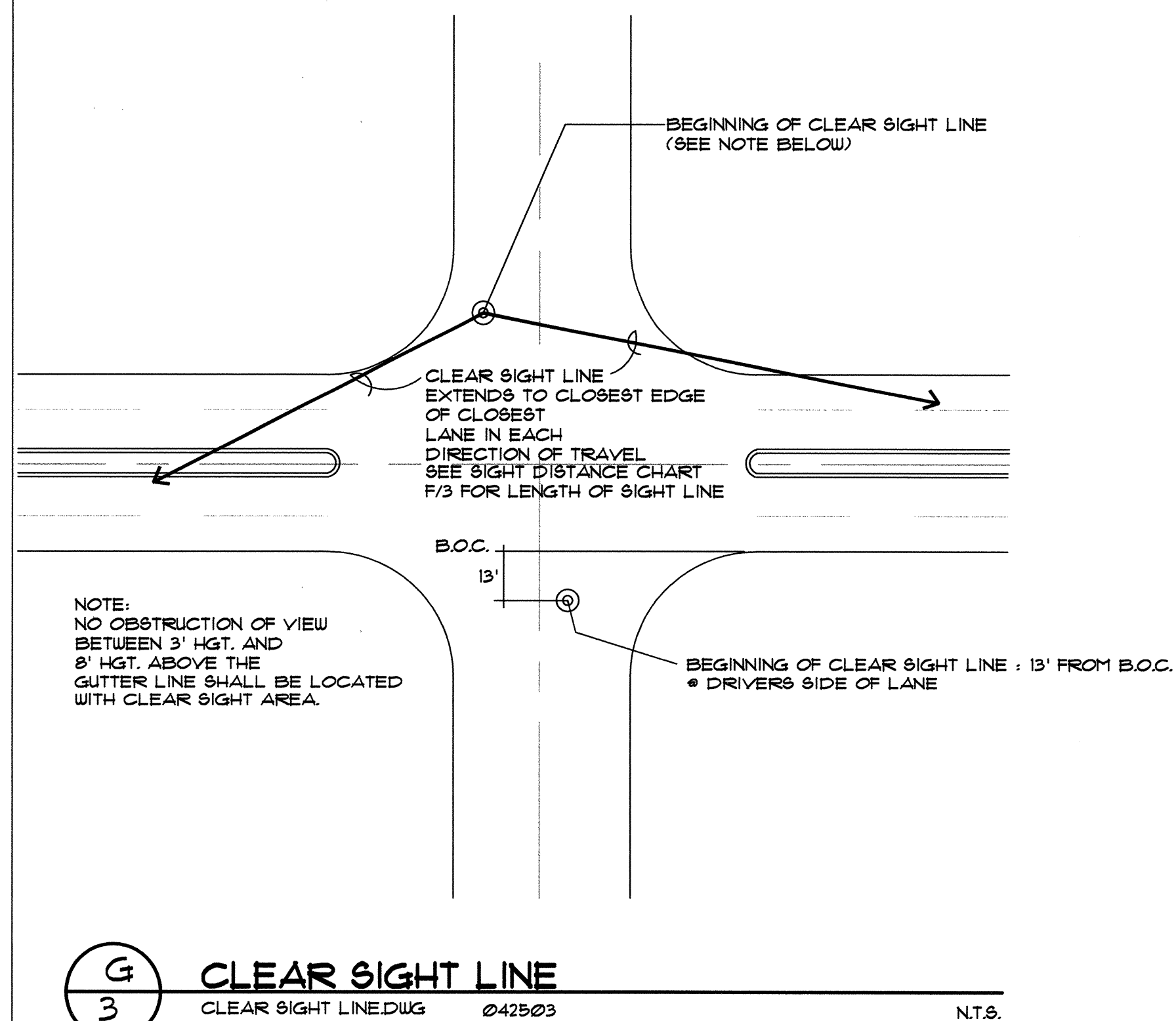
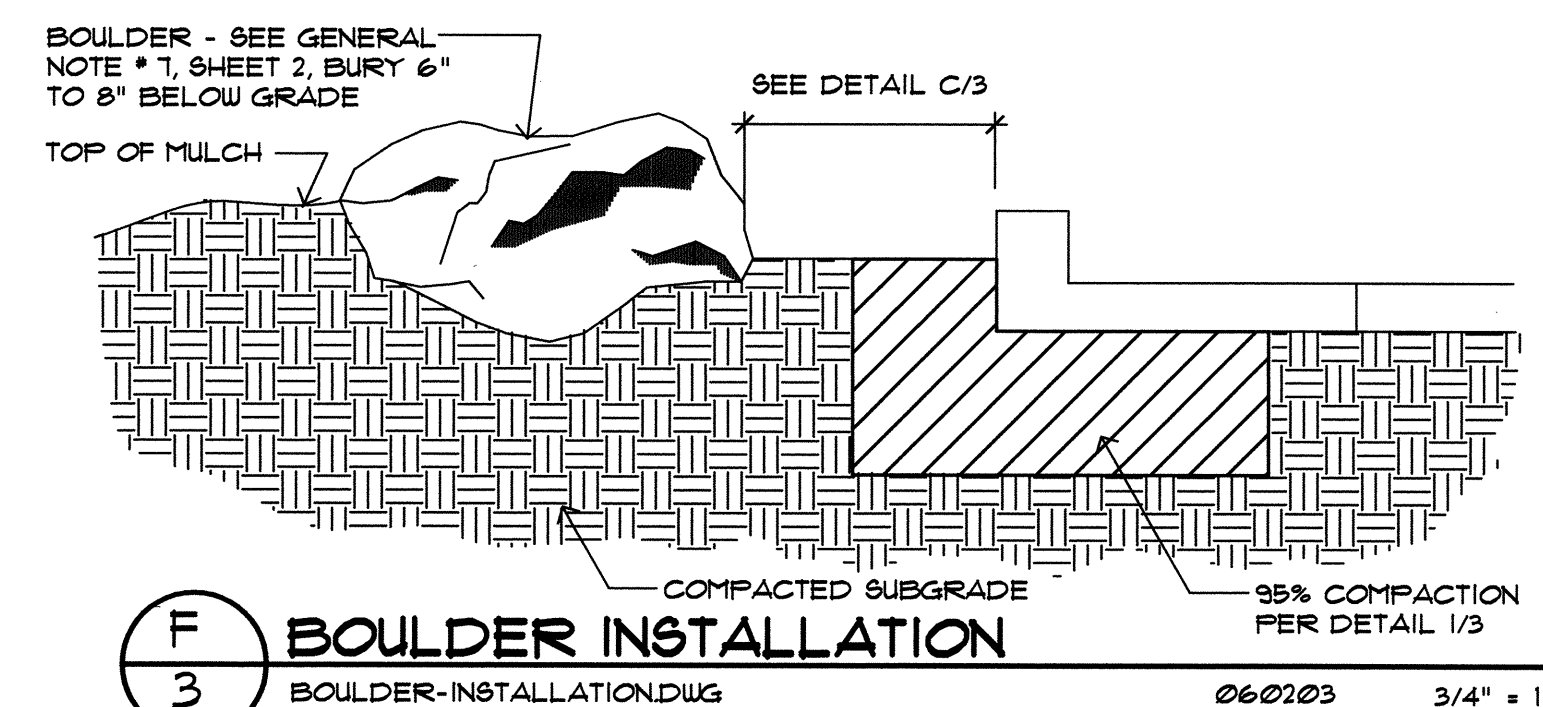
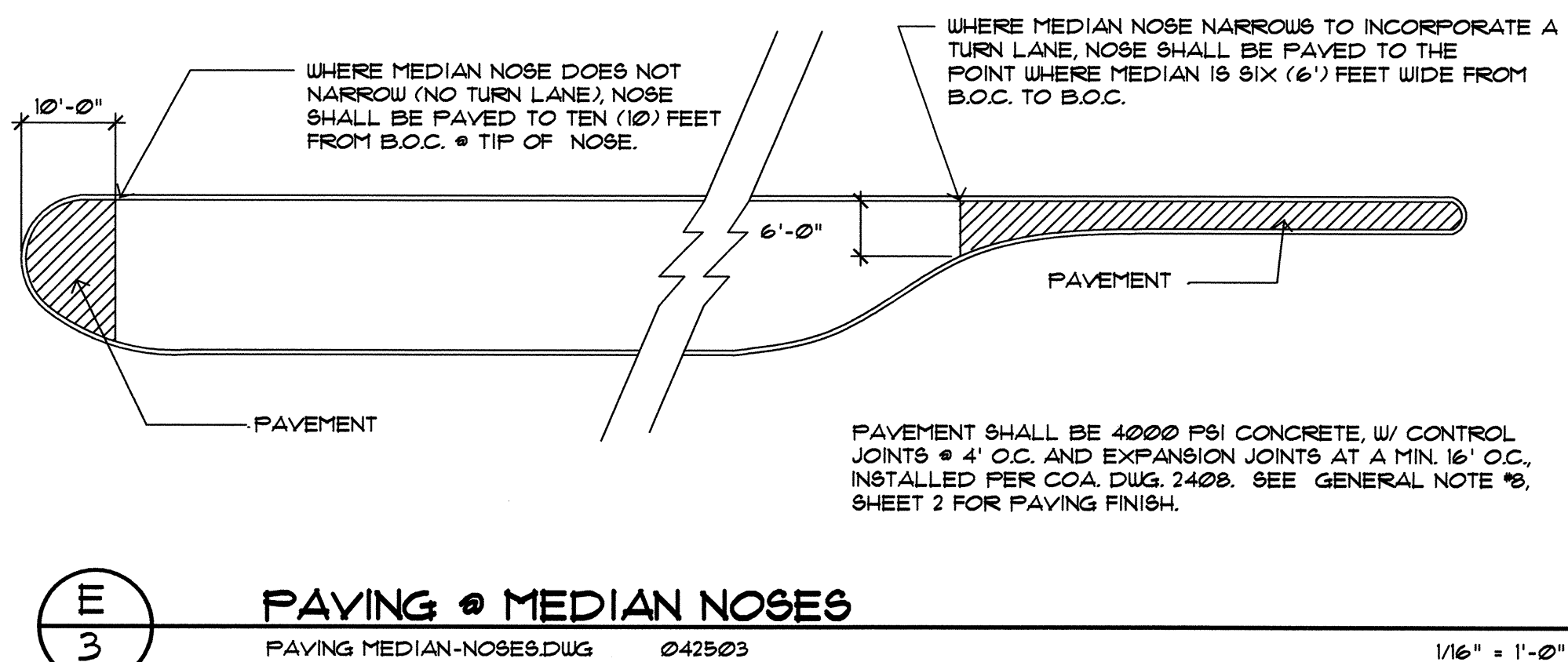
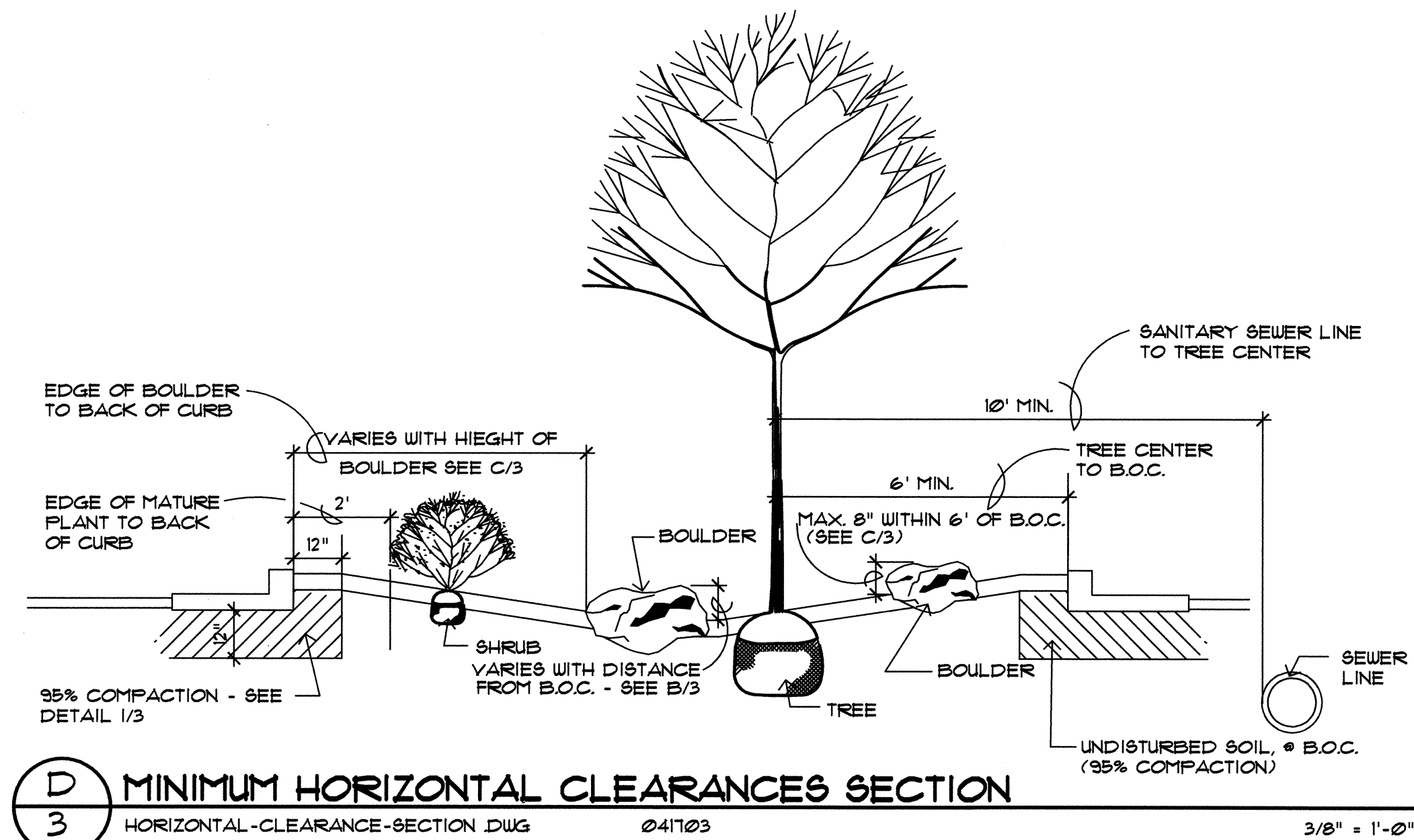
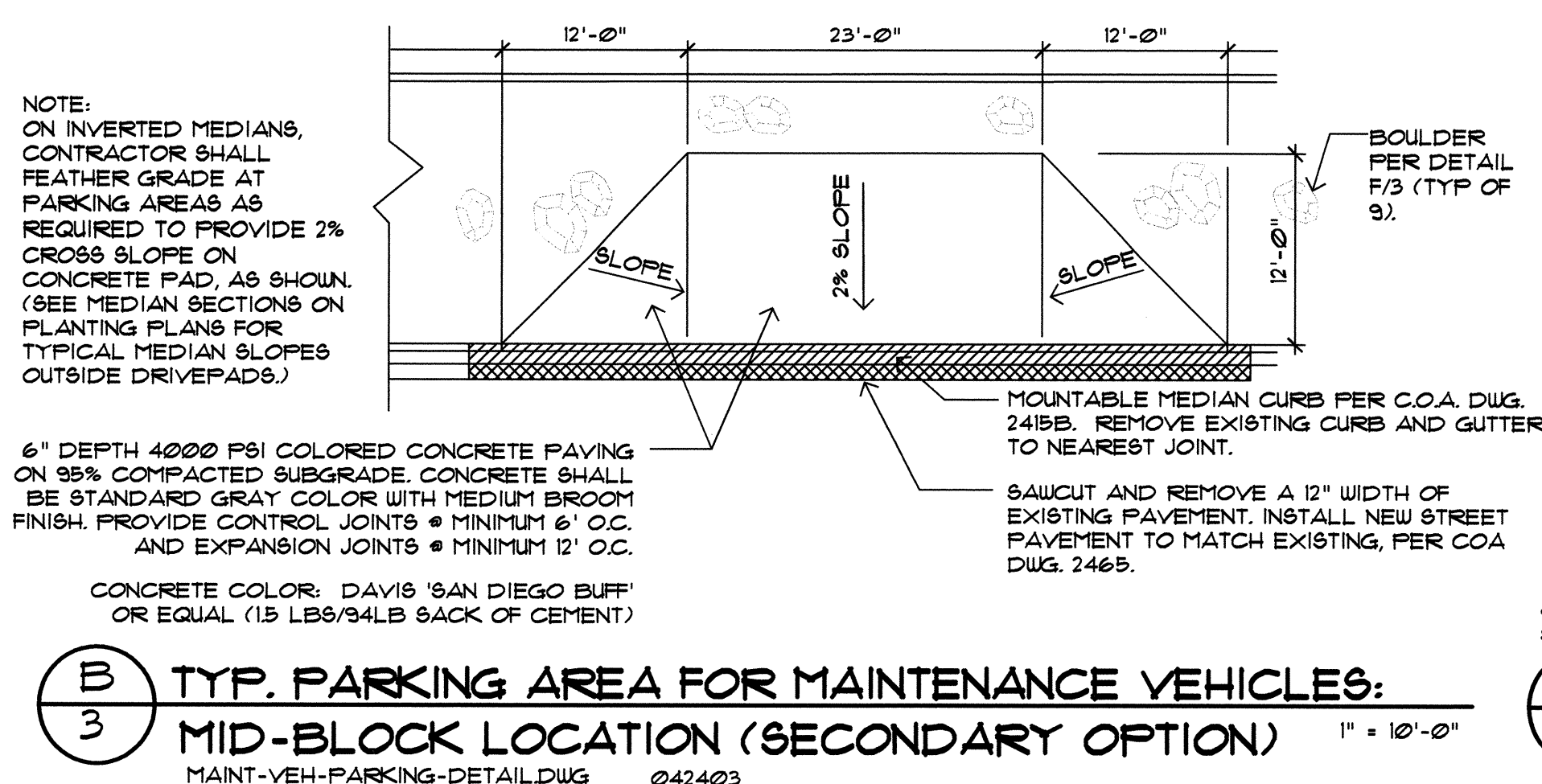
COA SPEC. SECTION 1005.6.2, WATER, SHALL BE DELETED IN ITS ENTIRETY.



**B 2 BOULDERS @ IRRIGATION CONTROLLER AND BFP**  
BOULDERS @ IRRIG. DUG 05/28/03 1/16" = 1'-0"

|  |      |                |      |                    |      |                     |      |                 |      |             |      |  |      |             |      |          |      |            |      |     |
|--|------|----------------|------|--------------------|------|---------------------|------|-----------------|------|-------------|------|--|------|-------------|------|----------|------|------------|------|-----|
| AS-BUILT INFORMATION   |      | BENCH MARKS    |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL  |      | REMARKS         |      | NO. DATE    |      | WILSON & COMPANY, ENGINEERS & ARCHITECTS |      | DESIGNED BY |      | DRAWN BY |      | CHECKED BY |      |     |
| CONTRACTOR   | DATE | WORK STAKED BY | DATE | ADJUSTMENTS BY     | DATE | FIELD INSPECTION BY | DATE | VERIFICATION BY | DATE | RECORDED BY | DATE | NO.                                      | DATE | NO.         | DATE | NO.      | DATE | NO.        | DATE | NO. |
| <div><div><p>STATE OF NEW MEXICO<br/>ELIZABETH C. REARDON<br/>REGISTERED<br/>LANDSCAPE ARCHITECT<br/>No. 28<br/>12-26</p></div><div><div><p>CITY OF ALBUQUERQUE<br/>CAPITAL IMPLEMENTATION PROGRAM<br/>DEPARTMENT OF MUNICIPAL DEVELOPMENT</p></div><div><p>PROTOTYPE MEDIAN &amp; INTERSTATE LANDSCAPES FY-06C<br/>NOTES AND DETAILS</p></div><div><div>Design: Review: Committee: <p>AUG 2 4 2006<br/>DESIGN REVIEW COMMITTEE</p></div><div>City: Engineer: Approval: <p>AUG 2 5 2006<br/>CITY ENGINEER</p></div></div><div>City Project No. 790200</div><div>Zone Map No.</div><div>Sheet 2 OF 25</div></div></div> |      |                |      |                    |      |                     |      |                 |      |             |      |  |      |             |      |          |      |            |      |     |



[illegible]

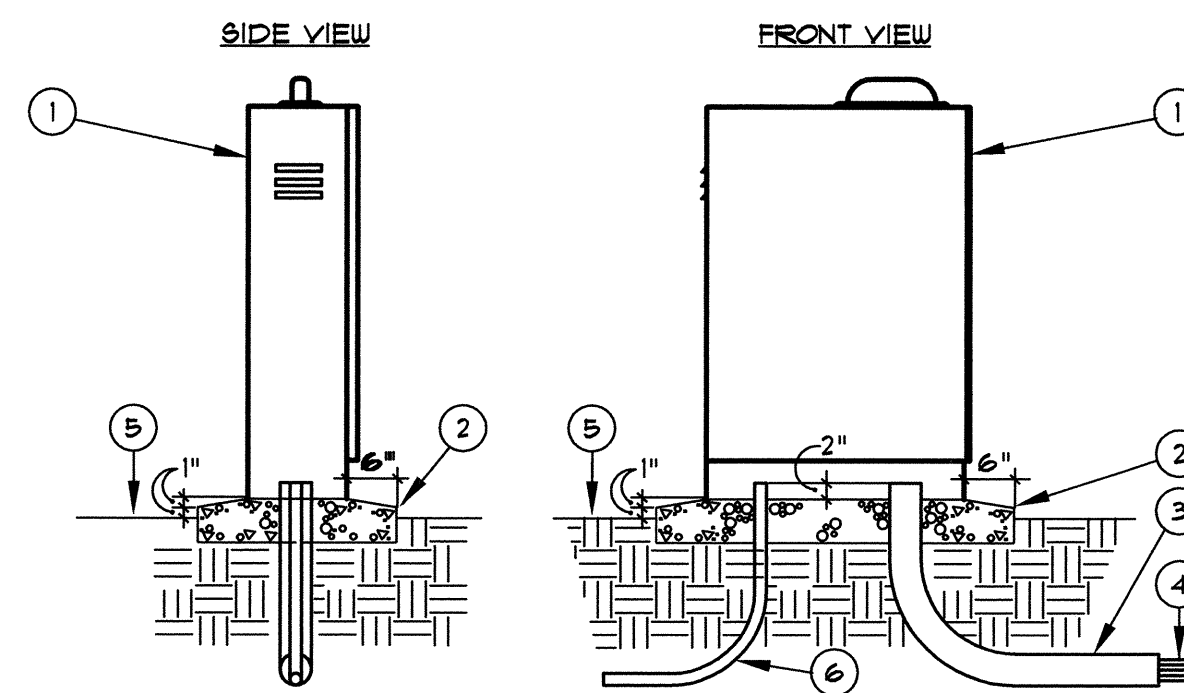


- 
- TRENCH COMPACTION  
 • 95% PER  
 ASTM D1557  
 OR D698  
 (SEE COA  
 9FEC, SECT.  
 301.42)
- 2" CONDUIT
- 2'-6"
- 2'-8"

**(A)** 1" RGS CONDUIT W/ 2 1/2 % CU. USE  
CABLE FROM DISCONNECT SWITCH  
UP POLE TO POWER CONNECT POINT.  
LEAVE ENOUGH CABLE EXPOSED SO  
FNM CAN TERMINATE LATER.

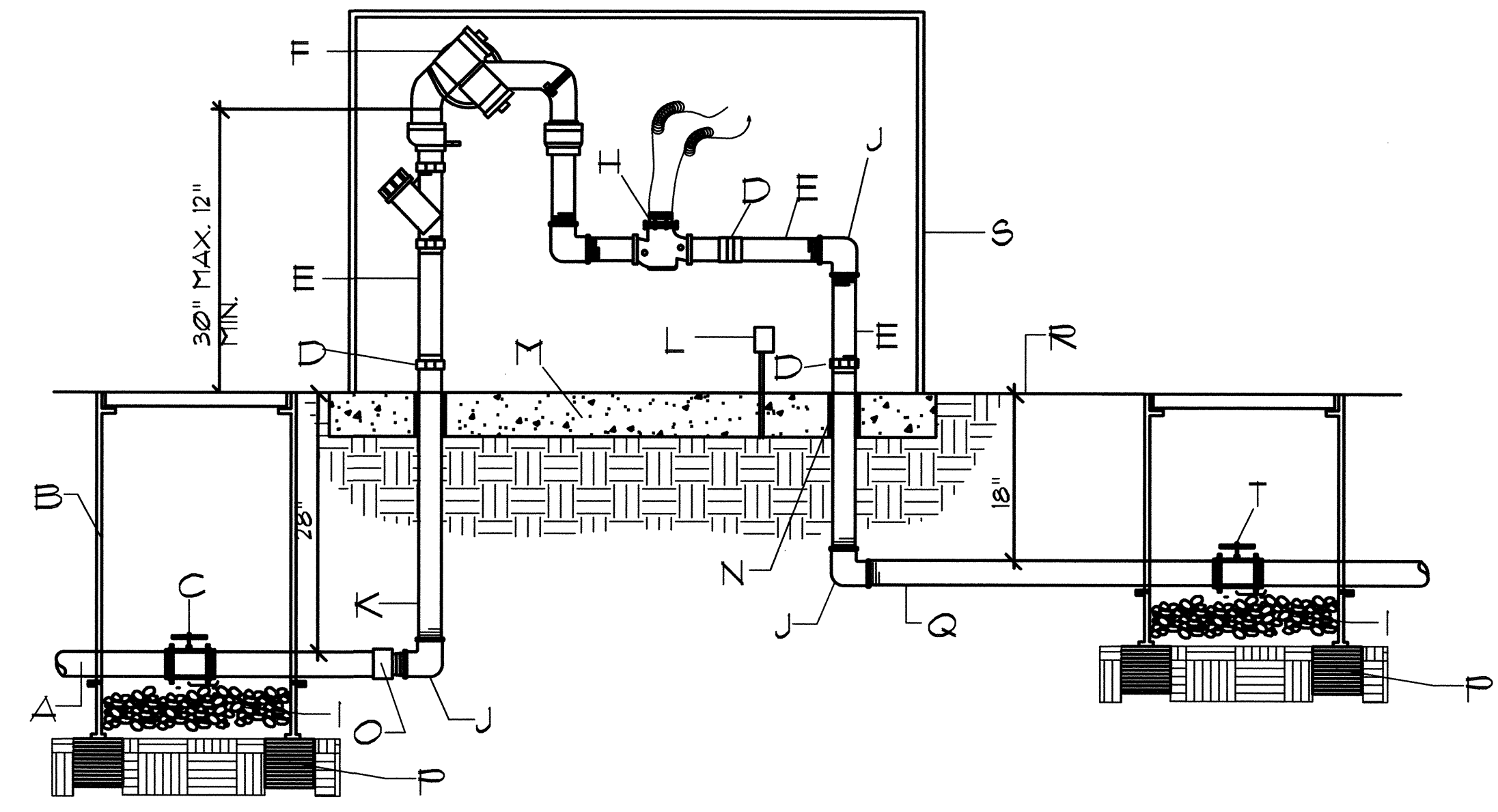
**(B)** FUSED DISCONNECT SWITCH-1 POLE,  
120 VOLT, FUSED WITH 50 AMP (MAX).  
FUSES, WEATHERPROOF, AND  
LOCKABLE. INSTALL ON FNM POLE  
AT 10' (MIN) HEIGHT.

**(C)** 1" RGS CONDUIT WITH 2 1/2 % CU. USE  
CABLE FROM DISCONNECT SWITCH  
DOWN POLE THEN UNDERGROUND  
TO THE IRRIGATION SYSTEM  
CONTROL BOX.



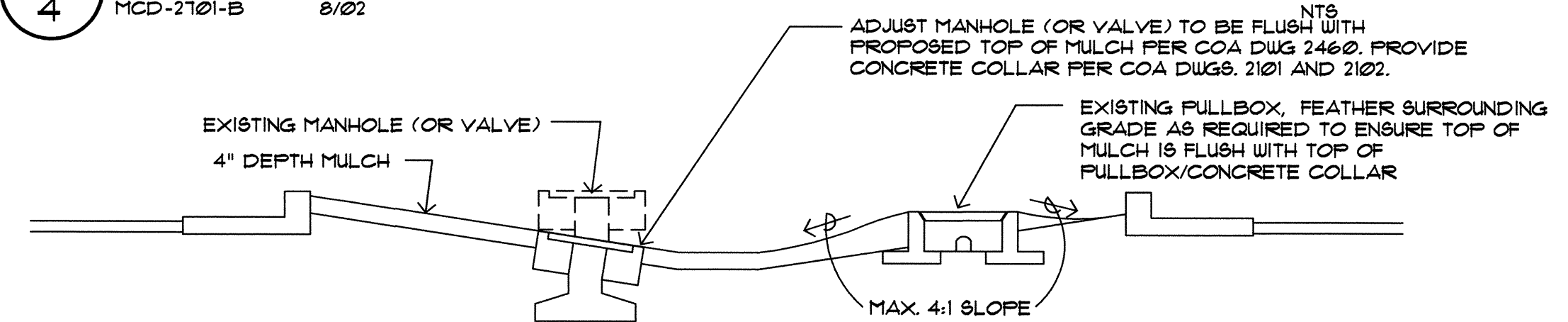
- ① IRRIGATION CONTROLLER WITH PEDESTAL. SEE IRRIGATION LEGEND. INSTALL TO MANUFACTURE STANDARDS
- ② 4000 PSI CONCRETE BASE. 8" MINIMUM THICKNESS. ALL EDGES SHALL BE TOOLED WITH 1/2" RADIUS
- ③ 4" RIGID PVC LONG SWEEP ELL. EXTEND 12" BEYOND ADJACENT WALKS
- ④ 24-VOLT WIRES FROM CONTROLLER TO AUTOMATIC VALVES, SEE SPECIFICATIONS
- ⑤ FINISH GRADE.
- ⑥ 120-VOLT SERVICE IN CONDUIT, PER N.E.C.

|          |        |        |
|----------|--------|--------|
| MCD-0165 | 110295 | N.T.S. |
|----------|--------|--------|

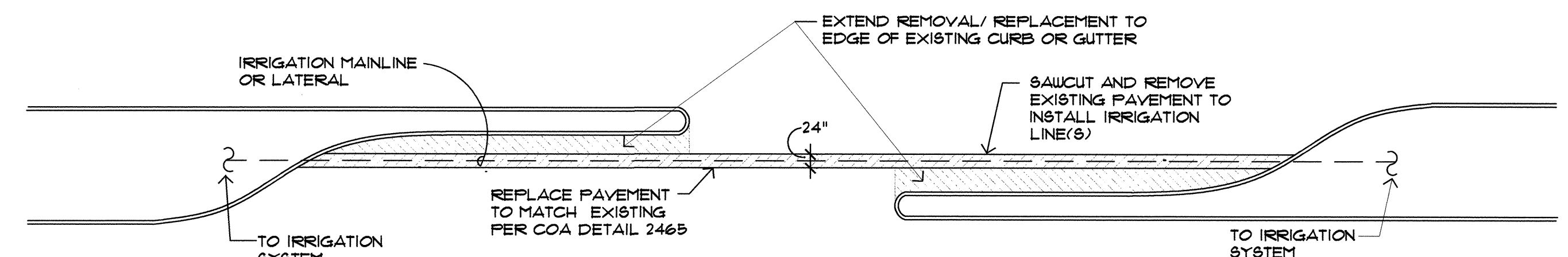


|   |   |
|---|---|
| A. SERVICE LINE TO WATER METER  | K. GALVANIZED RISER   |
| B. BROOKS PRODUCTS INC.<br>1"20 BUB-1800 1/2" 185" VALVE BOX W/ BOLT<br>DOWN COVER (ABS) AND ONE 8" EXTENSION | L. 110V ELECTRICAL OUTLET FOR HEATED PROTECTIVE<br>ENCLOSURE. PLACE AWAY FROM RELIEF VALVE. |
| C. TRUE UNION SCHEDULE 80 PVC BALL VALVE  | M. MIN. 4" 4000 PSI CONCRETE SLAB.  |
| D. GALVANIZED UNION (MIN. 4" ABOVE GRADE)   | N. PVC SLEEVING & INSULATION (MIN. 1" THICK).   |
| E. GALVANIZED NIPPLE  | O. PVC MIP ADAPTER  |
| F. FEBCO MODEL 825YA RFPB BACKFLOW PREVENTER<br>G. (NOT USED)   | P. 8" x 8" x 16" SOLID CMU BLOCK  |
| H. RAINBIRD FEB PLASTIC BODY 24 VOLT<br>AUTOMATIC MASTER VALVE  | Q. NON-CONSTANT PRESSURE IRRIGATION<br>MAINLINE.  |
| I. 1" DIA. WASHED ROCK  | R. FINISH GRADE.  |
| J. GALVANIZED ELL   | S. PROTECTIVE ENCLOSURE   |
|   | T. MASTER METER   |

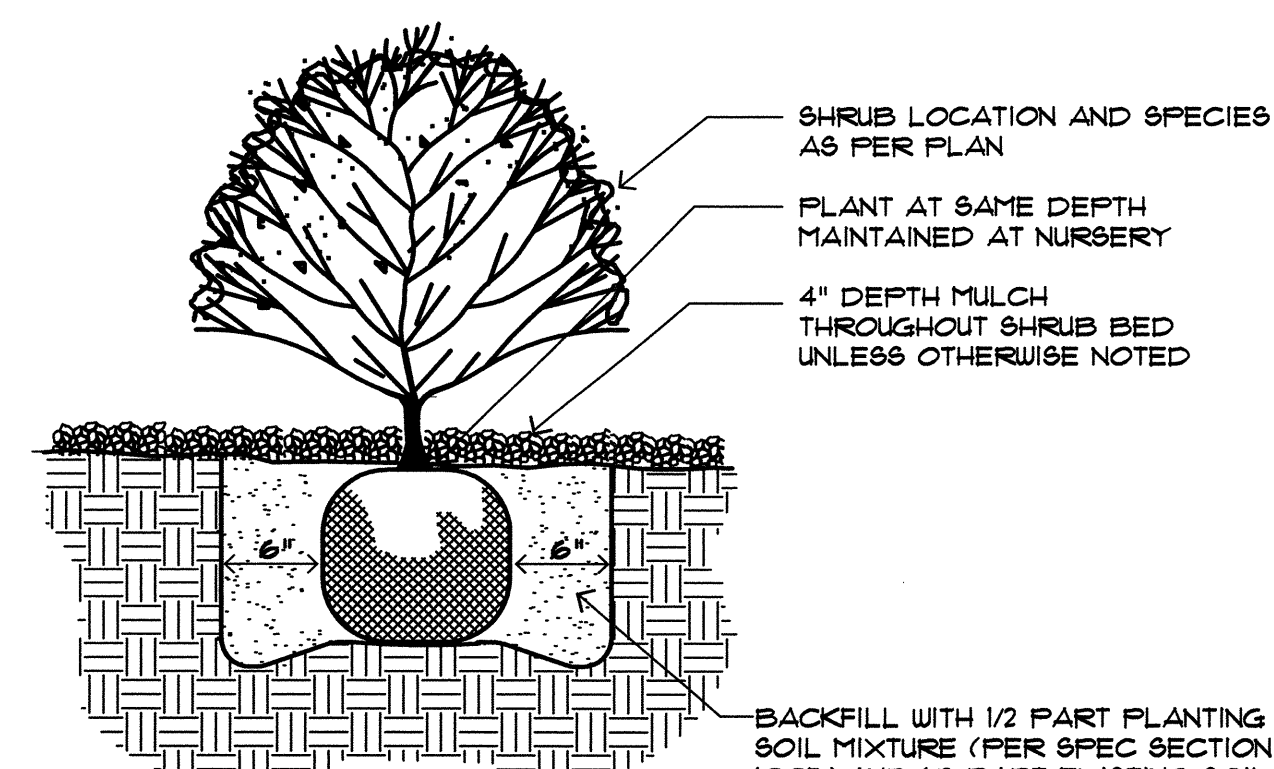
MCD-2701-B 8/02



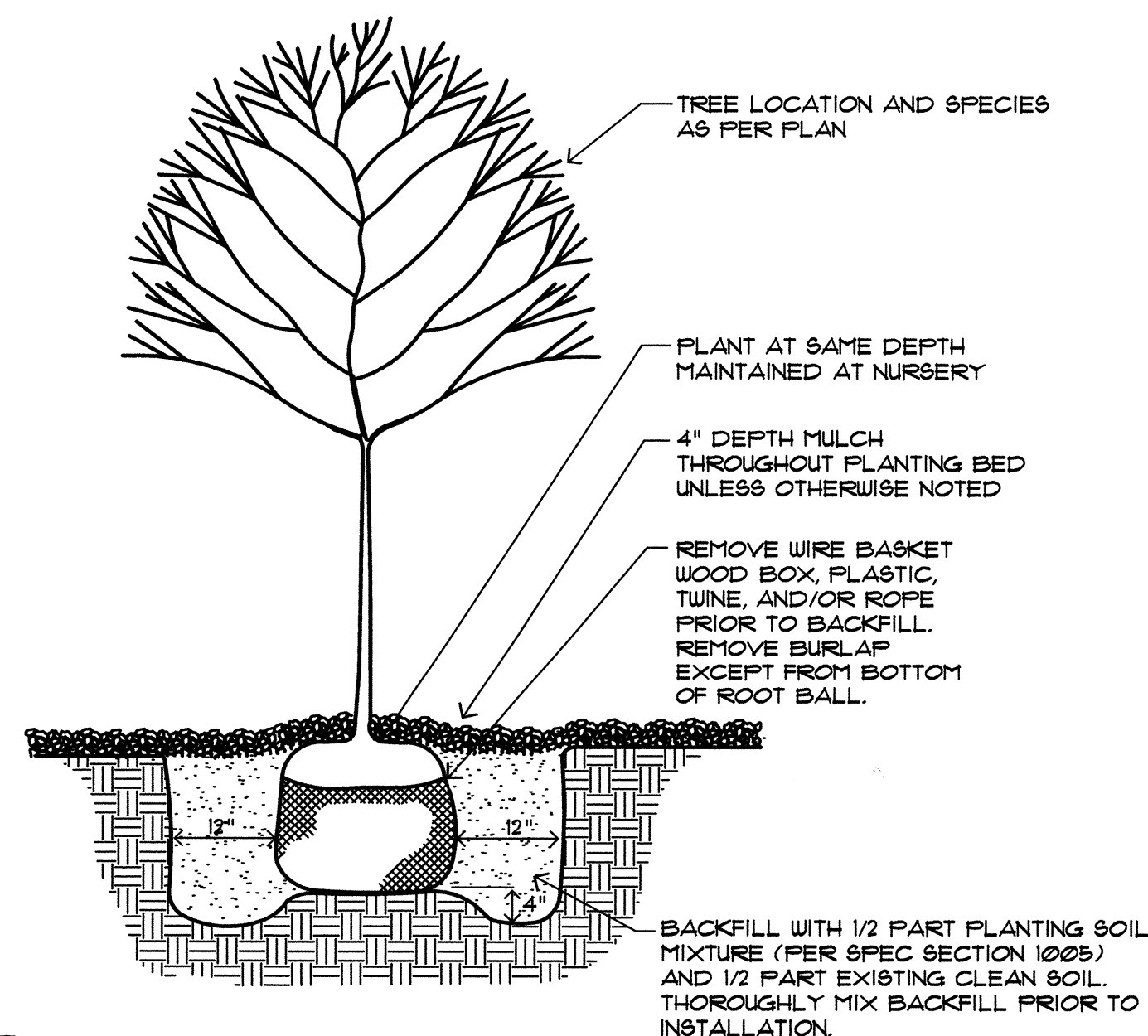
UTILITY STRUCTURES ADJUST.DWG 052803



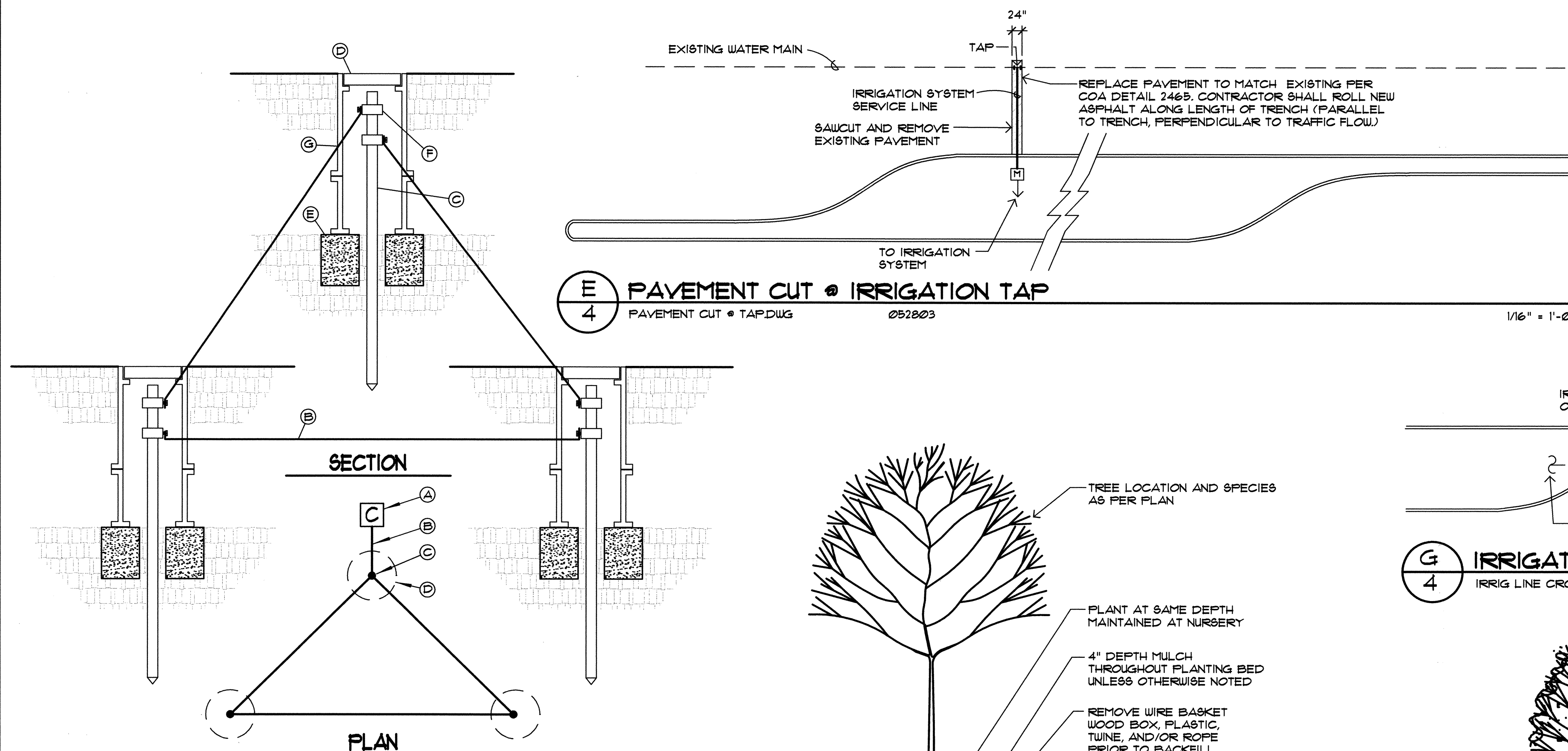
IRRIG LINE CROSSING.DWG 052803



MCD-0004 110795

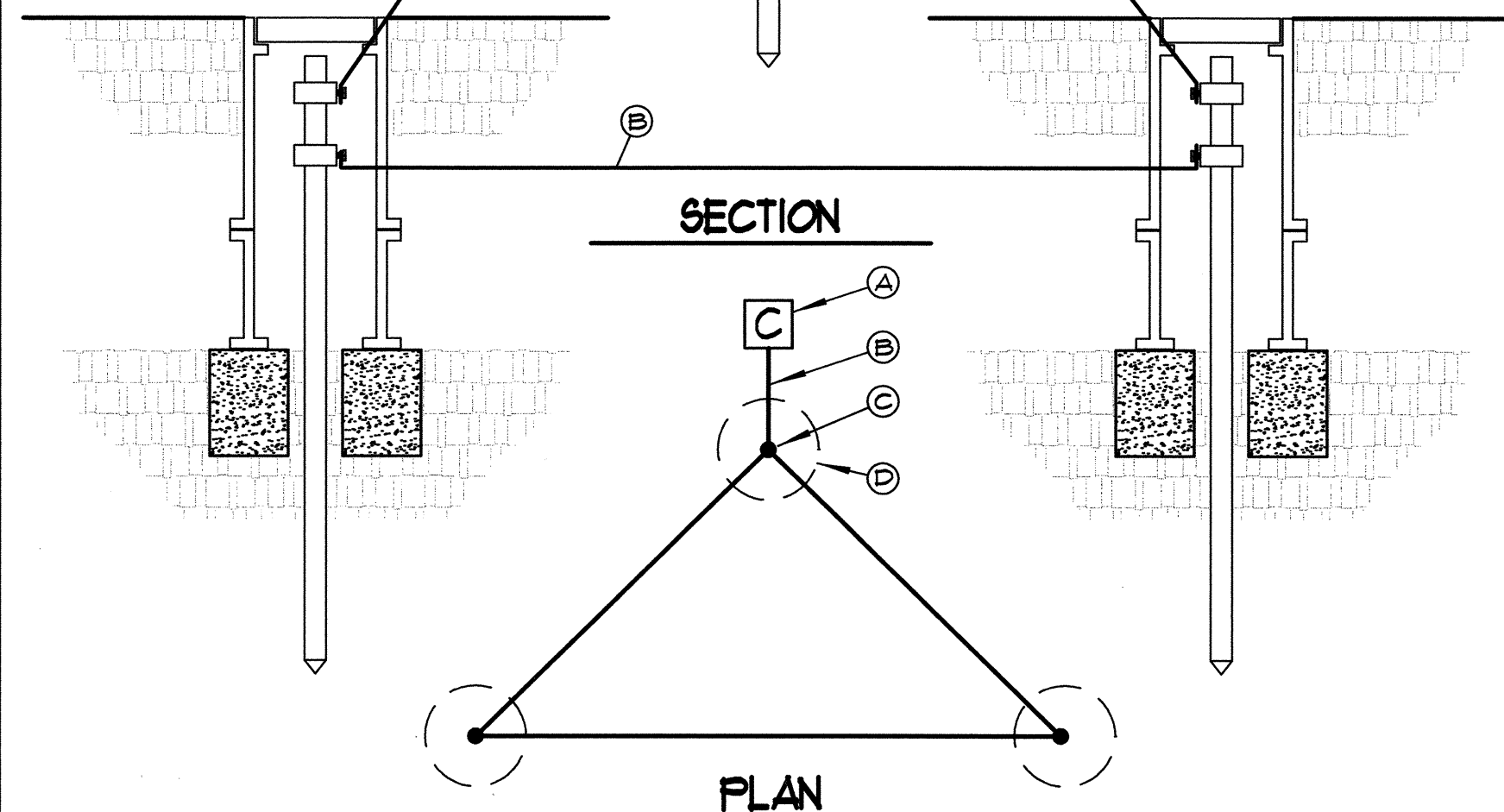


MCD-0170 110395



- (A) IRRIGATION CONTROLLER. SEE IRRIGATION LEGEND.
- (B) #10 AULG WIRE FROM IRRIGATION CONTROLLER TO GROUND ROD CLAMP. WIRE SHALL BE INSTALLED STRAIGHT AND TAUT.
- (C) 8" LENGTH GROUND ROD, PLACE IN IRRIGATED AREA A MINIMUM OF 16" FROM ONE ANOTHER. W/ ONE ROD A MIN. 12" FROM CONTROLLER.
- (D) 1/2" DIA. REBAR. 10' LONG. RODS W/ 1/2" DIA. 12" 18" COPPER, BURIED 3" DEPTH. SOLDER 16 BARE COPPER WIRE TO PLATE).
- (E) 1" DIAMETER X 3" DEEP BROOKS 100 SERIES VALVE BOX WITH COVER.
- (F) 2"x8"x16" SOLID CMU BLOCK.
- (G) GROUND ROD CLAMP.
- (H) DRILL A SMALL OPENING IN VALVE BOX TO MAINTAIN WIRE TAUTNESS.

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MCD-0170 110395

MCD-0004 110795

|                   |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |
|-------------------|--|--|--|--|--|--|--|--|--|--------------------------|--|--|--|--|--|--|--|--|--|
| LANDSCAPES FY-06C |  |  |  |  |  |  |  |  |  | JULY PROGRAM DEVELOPMENT |  |  |  |  |  |  |  |  |  |
| Mo./Day/Yr.       |  |  |  |  |  |  |  |  |  | Mo./Day/Yr.              |  |  |  |  |  |  |  |  |  |
|                   |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |
|                   |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |
| Sheet             |  |  |  |  |  |  |  |  |  | 4 OF 25                  |  |  |  |  |  |  |  |  |  |



MASTER PLANT LIST

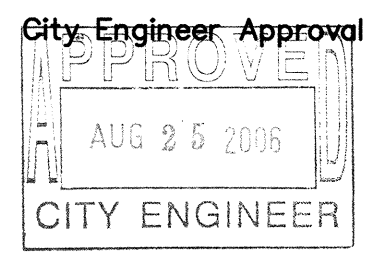
| KEY                             |                             | COMMON NAME                              | BOTANICAL NAME             | INSTALLED         | SIZE                 | MATURE | REMARKS | WATER USE |
|---------------------------------|-----------------------------|--|----------------------------|-------------------|----------------------|--------|---------|-----------|
| SHADE TREES                     |                             |  |                            |                   |                      |        |         |           |
| APA                             | Autumn Purple Ash           | Fraxinus americana 'Autumn Purple'       | 2" cal, 12' - 14' ht.      | 40' ht., 25'spd.  | 30" Box              |        | M       |           |
| AS                              | Arizona Sycamore            | Plantanus wrightii                       | 2" cal, 12' - 14' ht.      | 50' ht., 30' spd. | 30" Box              |        | M       |           |
| CP                              | Chinese Pistache            | Pistacia chinensis                       | 2-1/2" cal., 13' - 15' ht. | 40' ht., 25' spd. | 30" Box              |        | M       |           |
| HL                              | Honey Locust                | Gleditsia triacanthos inermis spp.       | 2" cal, 12' - 14' ht.      | 50' ht., 25' spd. | 30" Box              |        | M       |           |
| LB                              | Lacebark Elm                | Ulmus parvifolia                         | 2" cal, 12' - 14' ht.      | 30' ht., 25' spd. | 30" Box              |        | M       |           |
| MA                              | Fraxinus velutina 'Modesto' | Modesto Ash                              | 2" cal, 12' - 14' ht.      | 40' ht., 25' spd. | 30" Box              |        | M       |           |
| RA                              | Raywood Ash                 | Fraxinus oxycarpa 'Raywood'              | 2" cal, 12' - 14' ht.      | 30' ht., 25' spd. | 30" Box              |        | M       |           |
| UH                              | Western Hackberry           | Celtis occidentalis                      | 2" cal, 12' - 14' ht.      | 30' ht., 30' spd. | 30" Box              |        | M       |           |
| EVERGREEN TREES                 |                             |  |                            |                   |                      |        |         |           |
| AP                              | Austrian Pine               | Pinus nigra                              | 5' - 7' ht.                | 30' ht., 20' spd. | 30" Box              |        | M       |           |
| LP                              | Limber Pine                 | Pinus flexilis                           | 5' - 7' ht.                | 20' ht. & spd.    | 30" Box              |        | M       |           |
| SP                              | Scotch Pine                 | Pinus sylvestris 'Albyn'                 | 5' - 7' ht.                | 50' ht., 30' spd. | 30" Box              |        | M       |           |
| ACCENT TREES                    |                             |  |                            |                   |                      |        |         |           |
| BC                              | Bechtel Crabapple           | Malus ioensis 'Bechtel'                  | 2" cal., 10'-12' ht.       | 25' ht., 20' spd. | 30" Box              |        | M       |           |
| DW                              | Desert Willow               | Chilopsis linearis                       | 8' - 10' ht.               | 25' ht., 20' spd. | 30" Box, Multi-Trunk |        | M       |           |
| GO                              | Gambel Oak                  | Quercus gambelii                         | 8' - 10' ht.               | 25' ht., 20' spd. | 30" Box              |        | L       |           |
| GRT                             | Goldenrain Tree             | Goldenrain Tree                          | 2" cal, 10'-12' ht.        | 25' ht., 20' spd. | 30" Box              |        | M       |           |
| OP                              | Ornamental Pear             | Pyrus calleryana spp.                    | 2" cal., 10'-12' ht.       | 25' ht., 20' spd. | 30" Box              |        | M       |           |
| SH                              | Sunburst Honey Locust       | Gleditsia triacanthos inermis 'Sunburst' | 2" cal., 10'-12' ht.       | 25' ht., 20' spd. | 30" Box              |        | M       |           |
| SO                              | Shumard Oak                 | Quercus shumardii                        | 2" cal, 12' - 14' ht.      | 30' ht., 25' spd. | 30" Box              |        | L       |           |
| ST                              | Smokes Tree                 | Cotinus coggygria                        | 6'-8' ht.                  | 20' ht. & spd.    | 24" Box              |        | M       |           |
| TH                              | Washington Hawthorn         | Crataegus phaenopyrum                    | 2" cal., 10'-12' ht.       | 20' ht., 20' spd. | 30" Box              |        | M       |           |
| VERTICAL SHRUBS                 |                             |  |                            |                   |                      |        |         |           |
| BB                              | Butterfly Bush              | Buddleia spp.                            | Min. 18" ht.               | 6' ht. & spd.     | 5-Gal.               |        | M       |           |
| FB                              | Fern Bush                   | Chamaebatleria millefolium               | Min. 18" ht.               | 6' ht. & spd.     | 5-Gal.               |        | L       |           |
| GC                              | Golden Currant              | Ribes aureum                             | Min. 18" ht.               | 5' ht. & spd.     | 5-Gal.               |        | M       |           |
| MM                              | Mountain Mahogany           | Cercocarpus montanus                     | Min. 18" ht.               | 10' ht. & spd.    | 5-Gal.               |        | L       |           |
| LLS                             | Littleleaf Sumac            | Rhus microphylla                         | Min. 12" ht.               | 8' ht. & spd.     | 5-Gal.               |        | L       |           |
| NMO                             | New Mexico Olive            | Forsteria neomexicana                    | 5' - 7' ht.                | 15' ht., 10' spd. | 15-Gal.              |        | M       |           |
| SB                              | Spanish Broom               | Spartium junceum                         | Min. 18" ht.               | 8' ht., 6' spd.   | 5-Gal.               |        | L       |           |
| VI                              | Vitex                       | Vitex agnus-castus                       | 5' - 7' ht.                | 15' ht., 15' spd. | 15-Gal.              |        | L       |           |
| LARGE SHRUBS/ORNAMENTAL GRASSES |                             |  |                            |                   |                      |        |         |           |
| APL                             | Apache Plume                | Fallugia paradoxa                        | Min. 18" ht.               | 5' ht. & spd.     | 5-Gal.               |        | L       |           |
| AR                              | Arp Rosemary                | Rosmarinus officinalis 'Arp'             | Min. 18" ht.               | 4' ht., 3' spd.   | 5-Gal.               |        | M       |           |
| BG                              | Bear Grass                  | Nolina texana                            | Min. 18" ht.               | 3' ht. & spd.     | 5-Gal.               |        | L       |           |
| BM                              | Blue Mist                   | Caryopteris x clandonensis               | Min. 18" ht.               | 4' ht. & spd.     | 5-Gal.               |        | M       |           |
| MG                              | Maiden Grass                | Miscanthus sinensis 'Gracillimus'        | Min. 18" spd.              | 6' ht., 3' spd.   | 5-Gal.               |        | M       |           |
| LB                              | Lena's Broom                | Cytisus scoparius x dallimorei 'Lena'    | Min. 12" spd.              | 4' ht. & spd.     | 5-Gal.               |        | M       |           |
| FG                              | Pampas Grass                | Cortaderia selloana                      | Min. 18" ht.               | 10' ht. & spd.    | 5-Gal.               |        | M       |           |
| R                               | Rubber Rabbitbrush          | Chrysothamnus nauseosus                  | Min. 18" ht.               | 6' ht. & spd.     | 5-Gal.               |        | L       |           |
| RS                              | Russian Sage                | Ferovskia atriplicifolia                 | Min. 18" ht.               | 3' ht. & spd.     | 5-Gal.               |        | L       |           |
| RY                              | Red Yucca                   | Hesperaloe parviflora                    | Min. 18" ht.               | 4' ht. & spd.     | 5-Gal.               |        | L       |           |
| S                               | Sotol                       | Dasylirion wheeleri                      | Min. 18" ht.               | 4' ht. & spd.     | 5-Gal.               |        | L       |           |
| SG                              | Switchgrass                 | Panicum virgatum                         | Min. 12" ht.               | 4' ht., 3' spd.   | 5-Gal.               |        | M       |           |
| TS                              | Texas Sage                  | Leucophyllum langmaniae 'Lynn's Legacy'  | Min. 18" ht.               | 5' ht. & spd.     | 5-Gal.               |        | L       |           |
| LLS                             | Three-leaf Sumac            | Rhus trilobata                           | Min. 18" ht.               | 5' ht. & spd.     | 5-Gal.               |        | L       |           |
| SMALL SHRUBS/ORNAMENTAL GRASSES |                             |  |                            |                   |                      |        |         |           |
| BA                              | Blue Avena                  | Helictotrichon sempervirens              | Min. 8" ht.                | 2' ht. & spd.     | 1-Gal.               |        | M       |           |
| BD                              | Broom Dalea                 | Psorothamnus scoparius                   | Min. 12" ht.               | 3' ht. & spd.     | 5-Gal.               |        | L       |           |
| CS                              | Cherry Sage                 | Salvia greggii                           | Min. 12" spd.              | 3' ht. & spd.     | 5-Gal.               |        | M       |           |
| DR                              | Dwarf Rabbitbrush           | Chrysothamnus nauseosus nauseosus        | Min. 8" ht.                | 2' ht. & spd.     | 5-Gal.               |        | L       |           |
| F                               | Feathergrass                | Stipa capillata                          | Min. 8" ht.                | 18" ht. & spd.    | 5-Gal.               |        | M       |           |
| FG                              | Forster's Grass             | Calamagrostis arundinacea                | Min. 8" spd.               | 2' ht. & spd.     | 5-Gal.               |        | M       |           |
| IR                              | Irene Rosemary              | Rosmarinus officinalis 'Irene'           | Min. 12" spd.              | 18" ht., 3' spd.  | 5-Gal.               |        | M       |           |
| LBS                             | Little Bluestem             | Andropogon scoparium                     | Min. 8" ht.                | 2' ht. & 1' spd.  | 1-Gal.               |        | L       |           |
| LV                              | Lavender                    | Lavandula angustifolia spp.              | Min. 6" ht.                | 2' ht. & spd.     | 1-Gal.               |        | L       |           |
| RM                              | Regal Mist                  | Muhlenbergia capillaris                  | Min. 10" spd.              | 3' ht. & spd.     | 5-Gal.               |        | M       |           |
| SC                              | Shrubby Cinquefoil          | Potentilla fruticosa                     | Min. 12" ht.               | 3' ht. & spd.     | 5-Gal.               |        | M       |           |
| SWY                             | Soapweed Yucca              | Yucca glauca                             | Min. 18" ht.               | 3' ht. & spd.     | 5-Gal.               |        | L       |           |
| W                               | Winterfat                   | Eurotia lanata                           | Min. 6" ht.                | 2' ht. & spd.     | 1-Gal.               |        | L       |           |
| ZG                              | Zebra Grass                 | Miscanthus sinensis 'Zebrinus'           | Min. 12" spd.              | 4' ht. & spd.     | 5-Gal.               |        | M       |           |
| GROUNDCOVERS                    |                             |  |                            |                   |                      |        |         |           |
| AJ                              | Arcadia Juniper             | Juniperus sabina 'Arcadia'               | Min. 10" spd.              | 2' ht. & spd.     | 5-Gal.               |        | M       |           |
| BF                              | Blue Fescue                 | Festuca ovina 'Glaucia'                  | Min. 6" ht.                | 12" ht. & spd.    | 1-Gal.               |        | L       |           |
| BJ                              | Buffalo Juniper             | Juniperus sabina 'Buffalo'               | Min. 12" spd.              | 12" ht., 6' spd.  | 5-Gal.               |        | M       |           |
| IRG                             | Indian Rice Grass           | Oryzopsis hymenoides                     | Min. 12" ht.               | 4' ht. & spd.     | 1-Gal.               |        | L       |           |
| PS                              | Prairie Sage                | Artemesia ludoviciana                    | Min. 8" spd.               | 2' ht. & spd.     | 5-Gal.               |        | L       |           |
| SJ                              | Scandia Juniper             | Juniperus sabina 'Scandia'               | Min. 10" spd.              | 12" ht., 6' spd.  | 5-Gal.               |        | M       |           |
| CACTI                           |                             |  |                            |                   |                      |        |         |           |
| BLC                             | Bailey's Lace Cactus        | Echinocereus reichenbachii v. baileyi    | Min. 2" ht.                | 6" ht. & spd.     | 1-Gal.               |        | L       |           |
| CCC                             | Claret Cup Cactus           | Echinocereus triglochidiatus             | Min. 3" ht.                | 6" ht., 8" spd.   | 1-Gal.               |        | L       |           |
| NRH                             | New Mexico Rainbow Hedgehog | Echinocereus dasyacanthus                | Min. 3" ht.                | 10" ht., 4" spd.  | 1-Gal.               |        | L       |           |
| SH                              | Royal George Spiny Hedgehog | Echinocereus coccineus                   | Min. 3" ht.                | 12" ht., 18" spd. | 1-Gal.               |        | L       |           |
| PERENNIALS                      |                             |  |                            |                   |                      |        |         |           |
| BFL                             | Blanketflower               | Gaillardia x grandiflora                 | Min. 6" ht.                | 12' ht. & spd.    | 1-Gal.               |        | L       |           |
| BP                              | Bush Penstemon              | Penstemon ambiguus                       | Min. 6" ht.                | 2' ht. & spd.     | 1-Gal.               |        | L       |           |
| BM                              | Bowles Mauve                | Erysimum 'Bowles Mauve'                  | Min. 10" ht.               | 2' ht. & spd.     | 1-Gal.               |        | L       |           |
| CM                              | Catmint                     | Nepita faassenii                         | Min. 6" spd.               | 2' ht. & spd.     | 1-Gal.               |        | M       |           |
| GF                              | Gayfeather                  | Liatris punctata                         | Min. 6" ht.                | 18" ht. & spd.    | 1-Gal.               |        | M       |           |
| GM                              | Globe Mallow                | Sphaeralcea munroana                     | Min. 6" ht.                | 3' ht., 2' spd.   | 1-Gal.               |        | L       |           |
| GS                              | Groundsel                   | Senecio longilobus                       | Min. 6" ht.                | 2' ht. & spd.     | 1-Gal.               |        | L       |           |
| MP                              | Mexican Primrose            | Oenothera speciosus 'Rosesa'             | Min. 6" ht.                | 10" ht., 18" spd. | 1-Gal.               |        | M       |           |
| PFL                             | Paperflower                 | Paliostrophe tagetina                    | Min. 6" ht.                | 12" ht., 2' spd.  | 1-Gal.               |        | M       |           |
| PIP                             | Purple Ice Plant            | Delosperma cooperi                       | Min. 6" spd.               | 6" ht., 18" spd.  | 1-Gal.               |        | L       |           |
| RHP                             | Red Hot Poker               | Kniphofia uvaria                         | Min. 6" ht.                | 3' ht. & spd.     | 1-Gal.               |        | L       |           |
| SW                              | Soapwort                    | Saponaria x lempergii                    | Min. 6" spd.               | 6" ht., 18" spd.  | 1-Gal.               |        | M       |           |
| V                               | Verbena                     | Verbena canadensis                       | Min. 6" ht.                | 12" ht. & spd.    | 1-Gal.               |        | M       |           |
| Y                               | Yarrow                      | Achillea filipendulina                   | Min. 6" ht.                | 3' ht., 2' spd.   | 1-Gal.               |        | L       |           |

|                        |      |                        |      |                    |      |                     |                                |  |      |          |      |
|------------------------|------|------------------------|------|--------------------|------|---------------------|--------------------------------|--|------|----------|------|
| AS-BUILT INFORMATION   |      | BENCH MARKS            |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL  |                                | REVISIONS                                |      | NO. DATE |      |
| CONTRACTOR             | DATE | CONTRACTOR             | DATE | FIELD NOTES        | DATE | STATE OF NEW MEXICO | REGISTERED LANDSCAPE ARCHITECT | REMARKS                                  | BY   | NO.      | DATE |
| WORKED BY              | DATE | INSPECTOR'S            | DATE | BY                 | DATE | EMERSON C. REARDON  | NO. 26                         | REVISIONS                                | BY   | NO.      | DATE |
| ACCEPTANCE BY          | DATE | ACCEPTANCE BY          | DATE |                    |      |                     |                                | WILSON & COMPANY, ENGINEERS & ARCHITECTS | DATE | NO.      | DATE |
| VERIFICATION BY        | DATE | VERIFICATION BY        | DATE |                    |      |                     |                                | DESIGNED BY                              | DATE | NO.      | DATE |
| DRANING BY             | DATE | DRANING BY             | DATE |                    |      |                     |                                | DRAWN BY                                 | DATE | NO.      | DATE |
| MICRO-FILM INFORMATION | DATE | MICRO-FILM INFORMATION | DATE |                    |      |                     |                                | CHECKED BY                               | DATE | NO.      | DATE |



CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
MASTER PLANT LIST



Last Design Update

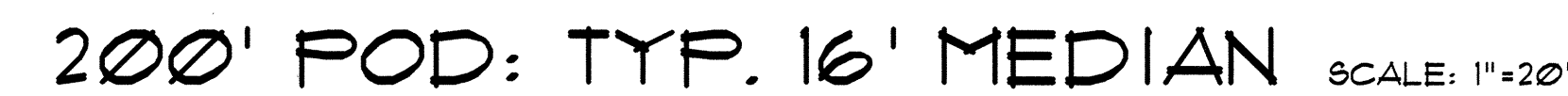
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City Project No.  
790200

Zone Map No.



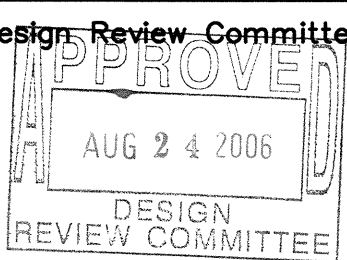
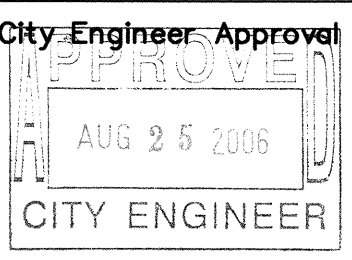
Sheet  
5 OF 25



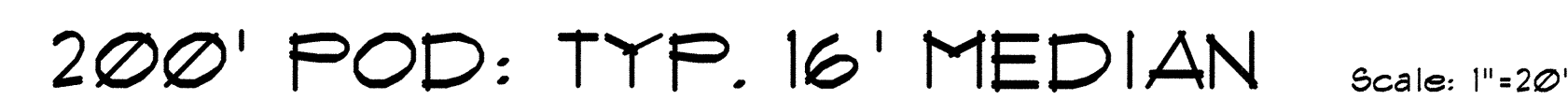


\*Trees designated as "alternate species - wide medians only" shall be installed only in medians of minimum 25' width and 100' length.



|  |  |  |   |              |  |                    |             |            |             |                |  |  |  |
|--|--|--|---|--------------|--|--------------------|-------------|------------|-------------|----------------|--|--|--|
|  <p><b>MORROW REARDON<br/>WILKINSON MILLER, LTD.,<br/>LANDSCAPE ARCHITECTS</b></p> <p>210 La Yeta NE, Albuquerque, NM 87108<br/>505.268.2266 FAX 505.265.9637<br/>mrmw@mlwain.com</p> |  |  |   |              |  |                    |             |            |             |                |  | <b>WILSON &amp; COMPANY</b><br>DESIGNED BY ECR<br>DRAWN BY ECR<br>CHECKED BY ECR |  |
|  |  |  |   |              |  |                    |             | <b>NO.</b> |             | <b>DATE</b>    |  |  |  |
| <div style="text-align: center;"> <br/> <b>CITY OF ALBUQUERQUE</b><br/> <b>CAPITAL IMPLEMENTATION PROGRAM</b><br/> <b>DEPARTMENT OF MUNICIPAL DEVELOPMENT</b> </div>                  |  |  |   |              |  |                    |             |            |             |                |  |  |  |
| <b>PROTOTYPE MEDIAN &amp; INTERSTATE LANDSCAPES FY-06C</b><br><b>PROTOTYPE A: PLANTING PLAN</b>  |  |  |   |              |  |                    |             |            |             |                |  |  |  |
| Design Review Committee<br>   |  |  | City Engineer Approval<br> |              |  | Last Design Update | Mo./Day/Yr. |            | Mo./Day/Yr. |                |  |  |  |
|  |  |  |   |              |  |                    |             |            |             |                |  |  |  |
|  |  |  |   |              |  |                    |             |            |             |                |  |  |  |
| City Project No.<br><b>790200</b>  |  |  |   | Zone Map No. |  |                    |             | Sheet      |             | <b>6 OF 25</b> |  |  |  |

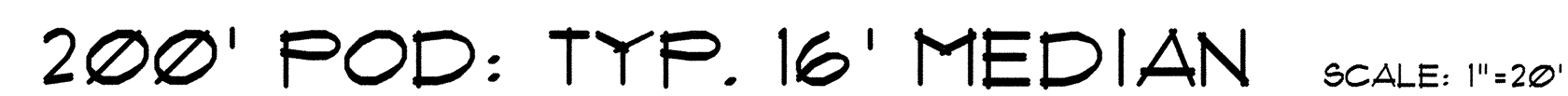




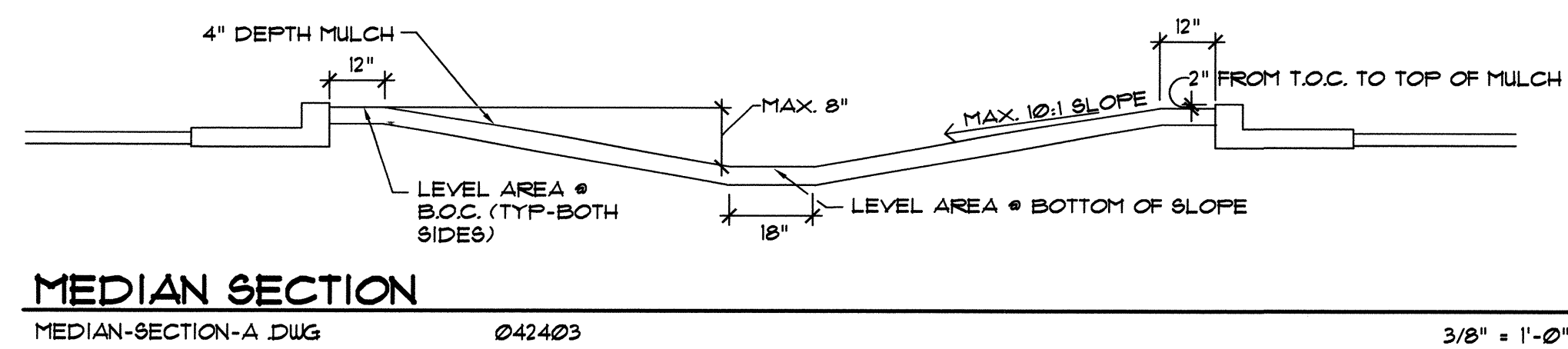
1. SEE SHEET 2 FOR GENERAL IRRIGATION NOTES.
2. CONTRACTOR SHALL SIZE THE IRRIGATION COMPONENTS IN ACCORDANCE WITH THE IRRIGATION SIZING CRITERIA, SHEET 2.
3. BUBBLERS ARE SHOWN DIRECTLY ON TOP OF SHRUBS FOR CLARITY OF DESIGN ONLY. BUBBLERS SHALL BE LOCATED 12" FROM THE SHRUB ROOT BALL.
4. UNIT PRICE BID ITEM FOR EACH POD INCLUDES BUBBLERS AND RELATED INCIDENTAL COMPONENTS ONLY. BALANCE OF IRRIGATION COMPONENTS (MAIN LINE, WIRE, BACKFLOW PREVENTER, GATE VALVE, METER, TAP, SERVICE LINE, CONTROL VALVES & LATERAL LINES) ARE BID AS SEPARATE UNIT BID ITEMS. FITTINGS AND OTHER IRRIGATION COMPONENTS REQUIRED TO INSTALL INDIVIDUAL BID ITEMS SHALL BE INCIDENTAL TO THE WORK AND INCLUDED AT NO ADDITIONAL COST TO THE OWNER.

|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
|---|--|--|--|--|--|---|--|--|--|--|--|---------------------------|-------------|-----------------------------|------------------------|------------|---------------------|-----------------------|--|--|--|---------|--|--|--|--|--|
| <p><b>MORROW REARDON<br/>WILKINSON MILLER, LTD.,<br/>LANDSCAPE ARCHITECTS</b></p> <p>210 La Veta NE, Albuquerque, NM 87108<br/>505-265-2296 FAX 505-265-9637<br/><a href="mailto:mrmw@mrwmlln.com">mrmw@mrwmlln.com</a></p> |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
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|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
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|   |  |  |  |  |  |   |  |  |  |  |  | <b>NO.</b>                | <b>DATE</b> | <b>WILSON &amp; COMPANY</b> | <b>DESIGNED BY ECR</b> | <b>EAC</b> | <b>DRAWN BY ECR</b> | <b>CHECKED BY ECR</b> |  |  |  |         |  |  |  |  |  |
| <div style="text-align: center;"> <br/> <b>CITY OF ALBUQUERQUE</b><br/>         CAPITAL IMPLEMENTATION PROGRAM<br/>         DEPARTMENT OF MUNICIPAL DEVELOPMENT       </div>  |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
| <b>PROTOTYPE MEDIAN &amp; INTERSTATE LANDSCAPES FY=06C</b>  |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
| <b>PROTOTYPE A: IRRIGATION PLAN</b>   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
| <b>Design Review Committee</b><br><p>AUG 2 4 2006</p> <p>DESIGN REVIEW COMMITTEE</p>  |  |  |  |  |  | <b>City Engineer Approval</b><br><p>AUG 2 5 2006</p> <p>CITY ENGINEER</p> |  |  |  |  |  | <b>Last Design Update</b> |             | Mo./Day/Yr.<br><br>         |                        |            |                     | Mo./Day/Yr.<br><br>   |  |  |  |         |  |  |  |  |  |
|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
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|   |  |  |  |  |  |   |  |  |  |  |  |                           |             |                             |                        |            |                     |                       |  |  |  |         |  |  |  |  |  |
| City Project No.<br><span style="font-size: large;">790200</span>   |  |  |  |  |  |   |  |  |  |  |  | Zone Map No.              |             |                             |                        |            |                     | Sheet                 |  |  |  | 7 OF 25 |  |  |  |  |  |


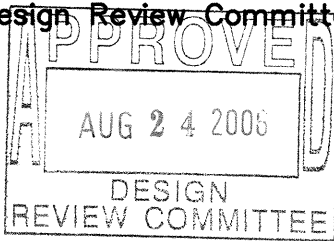




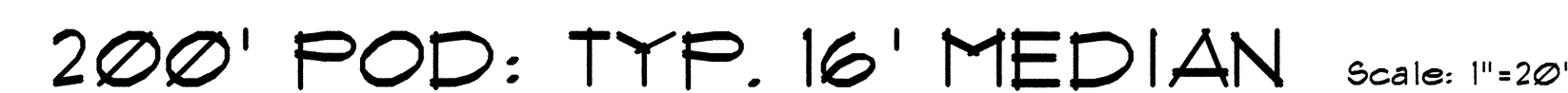
\*Trees designated as "alternate species - wide medians only" shall be installed only in medians of minimum 25' width and 100' length.



STATE OF NEW MEXICO  
ELIZABETH C. REARDON  
NO. 26  
REGISTERED  
LANDSCAPE ARCHITECT

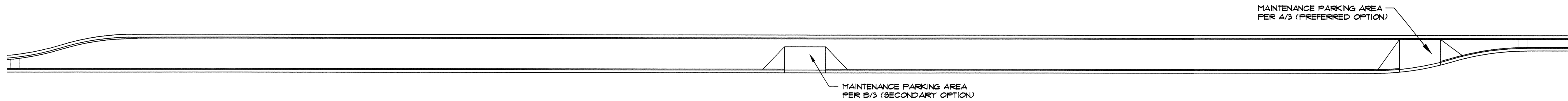
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|  <b>MORROW REARDON<br/>WILKINSON MILLER, LTD.,<br/>LANDSCAPE ARCHITECTS</b><br>210 La Veta NE, Albuquerque, NM 87108<br>505.265.2265 FAX 505.265.9657<br>mrw@mrwnm.com |  |  |  |                    |  |                    |  |
|   |  |  |  |                    |  |                    |  |
|   |  |  |  |                    |  | <b>NO. DATE</b>    | <b>WILSON &amp; COMPANY</b><br>DESIGNED BY<br>EAC<br>DRAWN BY<br>EAC<br>CHECKED BY |
|  <b>CITY OF ALBUQUERQUE</b><br><b>CAPITAL IMPLEMENTATION PROGRAM</b><br><b>DEPARTMENT OF MUNICIPAL DEVELOPMENT</b>   |  |  |  |                    |  |                    |  |
| <b>PROTOTYPE MEDIAN &amp; INTERSTATE LANDSCAPES FY-06C</b><br><b>PROTOTYPE B: PLANTING PLAN</b>   |  |  |  |                    |  |                    |  |
| <b>Design Review Committee</b><br>   |  | <b>City Engineer Approval</b><br> |  | <b>Last Update</b> |  | <b>Mo./Day/Yr.</b> | <b>Mo./Day/Yr.</b>   |
|   |  |  |  |                    |  |                    |  |
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|   |  |  |  |                    |  |                    |  |
| <b>City Project No.</b><br><b>790200</b>  |  | <b>Zone Map No.</b>  |  | <b>Sheet</b>       |  | <b>8 OF 25</b>     |  |



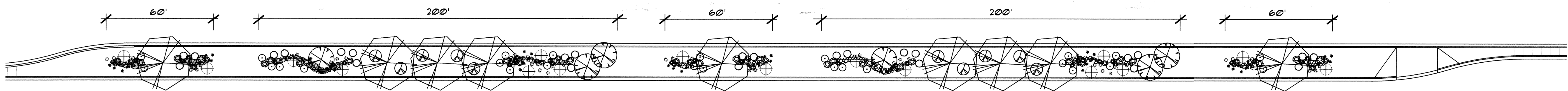


Sheet 9 OF 25

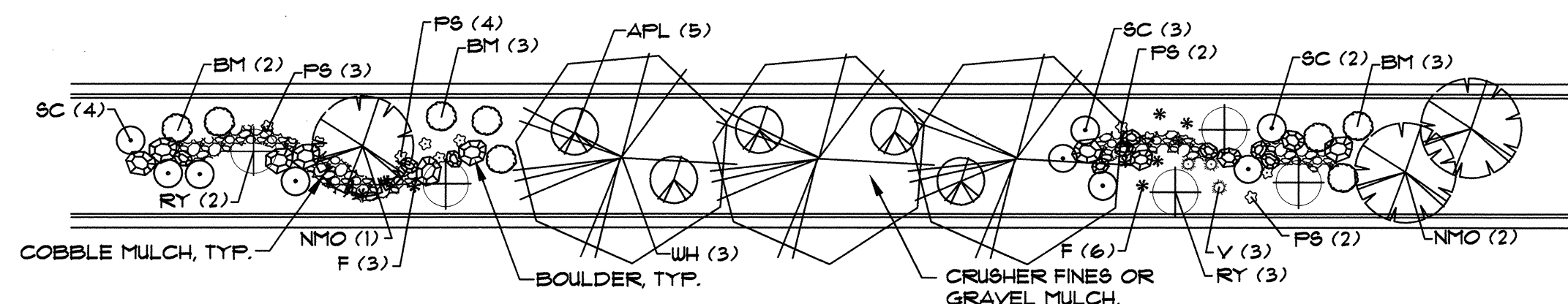




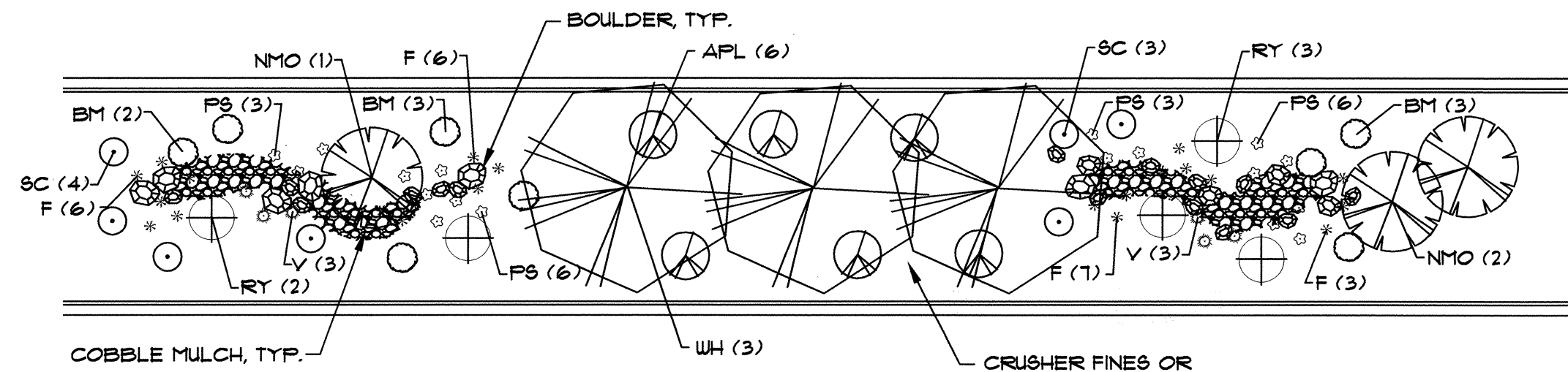
TYPICAL FOR EACH TYPE OF MAINTENANCE DRIVE PAD LOCATION ON 16' WIDE MEDIAN Scale: 1"=30'



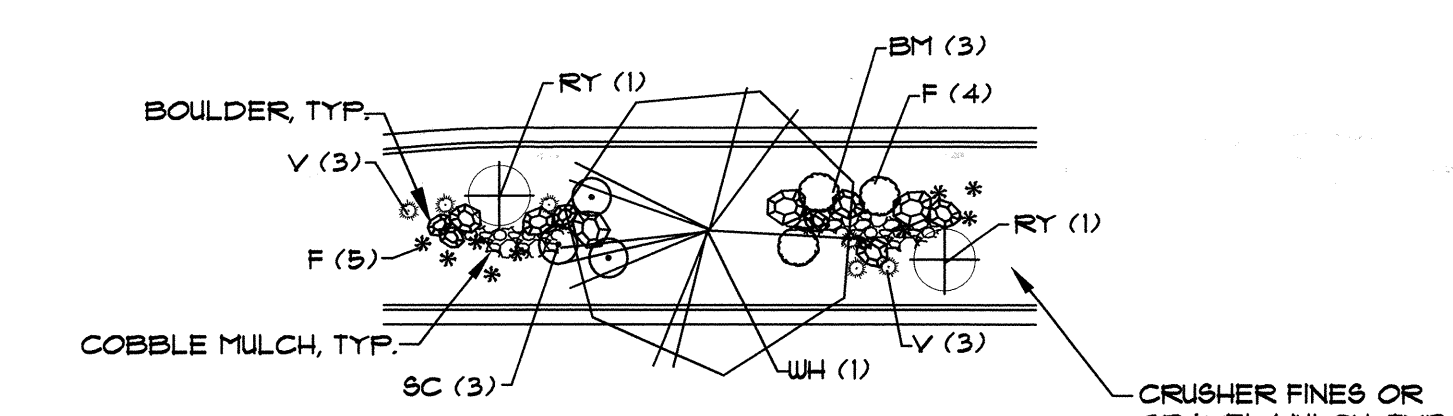
EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN) Scale: 1"=30'



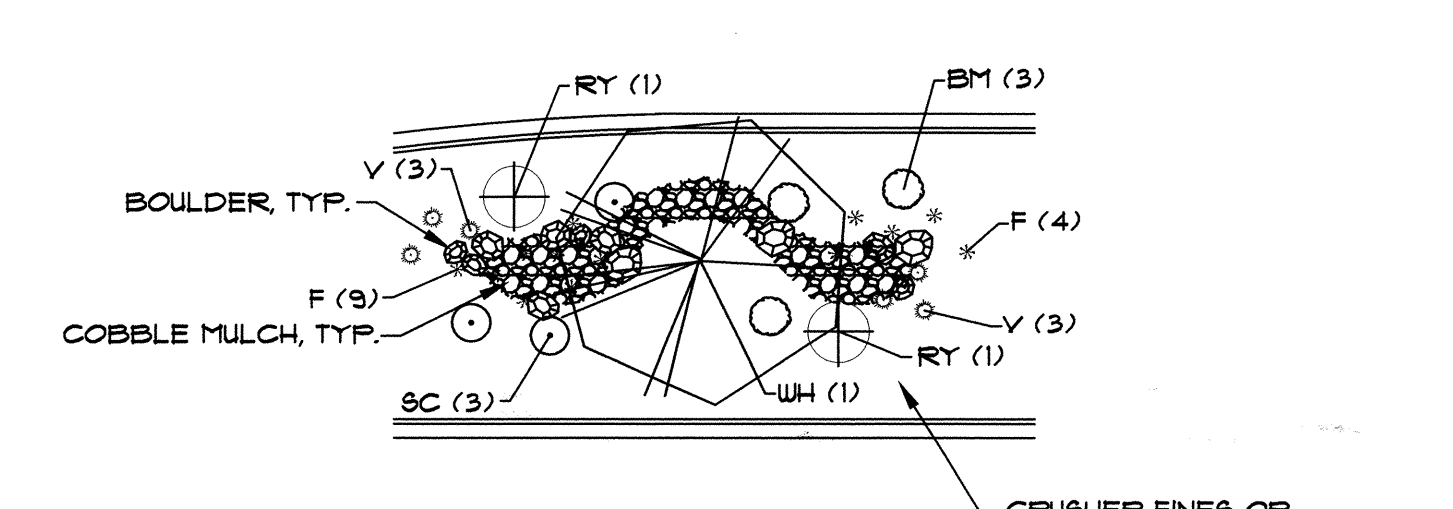
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



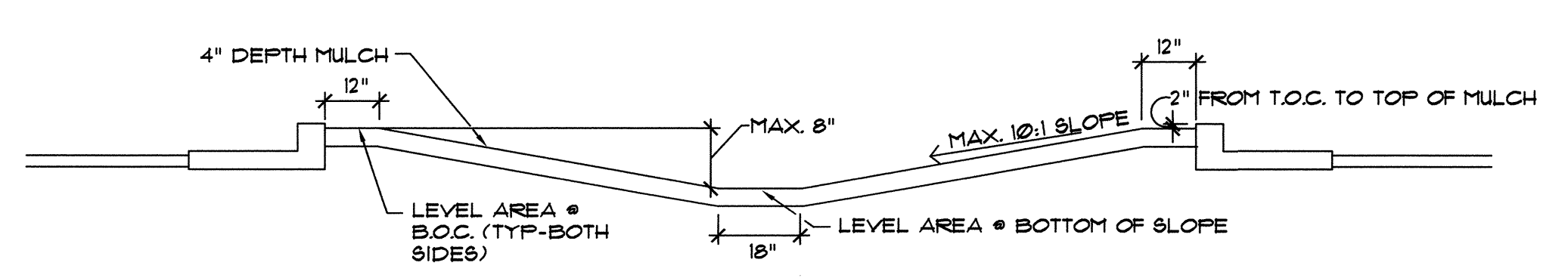
60' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

| PLANT LEGEND (See Master Plant List, Sheet 5 for Complete Plant Sizing Information) |                    |   |  |                 |                |                      |                     |
|---|--------------------|---|--|-----------------|----------------|----------------------|---------------------|
| SYMBOL  | COMMON NAME        | ALTERNATIVE SPECIES                               | ALTERNATIVE SPECIES WIDE MEDIANS ONLY* | QTY. (200' POD) | QTY. (50' POD) | QTY. (WIDE 200' POD) | QTY. (WIDE 50' POD) |
| <b>SHADE TREES</b>  |                    |   |  |                 |                |                      |                     |
| WH  | Western Hackberry  | Chinese Pistache<br>Honey Locust                  |  | 3               | 1              | 3                    | 1                   |
| <b>VERTICAL SHRUBS</b>  |                    |   |  |                 |                |                      |                     |
| NMO   | New Mexico Olive   | Vitex<br>Golden Currant                           | Austrian Pine<br>Limber Pine           | 3               | 0              | 3                    | 0                   |
| <b>LARGE SHRUBS</b>   |                    |   |  |                 |                |                      |                     |
| BM  | Blue Mist          | Texas Sage<br>Maiden Grass                        |  | 8               | 3              | 8                    | 3                   |
| RY  | Red Yucca          | Beargrass<br>Sotol                                |  | 5               | 2              | 5                    | 2                   |
| APL   | Apache Plume       | Rubber Rabbitbrush<br>Threelobed Sumac            |  | 5               | 0              | 6                    | 0                   |
| <b>SMALL SHRUBS</b>   |                    |   |  |                 |                |                      |                     |
| F   | Feather Grass      | Foerster's Grass<br>Winterfat                     |  | 9               | 9              | 22                   | 13                  |
| SC  | Shrubby Cinquefoil | Cherry Sage<br>Irene Rosemary                     |  | 9               | 3              | 7                    | 3                   |
| <b>GROUNDCOVERS/PERENNIALS</b>  |                    |   |  |                 |                |                      |                     |
| PS  | Prairie Sage       | Blue Fescue<br>Blanket Flower<br>Purple Ice Plant |  | 11              | 0              | 18                   | 0                   |
| V   | Verbena            |   |  | 3               | 6              | 6                    | 6                   |

\*Trees designated as "alternate species - wide medians only" shall be installed only in medians of minimum 25' width and 100' length.



MEDIAN SECTION  
MEDIAN-SECTION-A.DWG 042403 3/8" = 1'-0"

|                        |      |             |    |                    |    |                    |      |           |      |                     |      |
|------------------------|------|-------------|----|--------------------|----|--------------------|------|-----------|------|---------------------|------|
| AS-BUILT INFORMATION   |      | BENCH MARKS |    | SURVEY INFORMATION |    | ARCHITECTURAL SEAL |      | REVISIONS |      | CITY OF ALBUQUERQUE |      |
| CONTRACTOR             | DATE | NO.         | BY | NO.                | BY | NO.                | DATE | NO.       | DATE | DESIGNED BY         | DATE |
| WORK BY                | DATE |             |    |                    |    |                    |      |           |      | DRAWN BY            | DATE |
| SUPERVISOR'S           | DATE |             |    |                    |    |                    |      |           |      | CHECKED BY          | DATE |
| ACCEPTANCE BY          | DATE |             |    |                    |    |                    |      |           |      |                     |      |
| VERIFICATION BY        | DATE |             |    |                    |    |                    |      |           |      |                     |      |
| DRAWINGS               | DATE |             |    |                    |    |                    |      |           |      |                     |      |
| CORRECTED BY           | DATE |             |    |                    |    |                    |      |           |      |                     |      |
| MICRO-FILM INFORMATION | DATE |             |    |                    |    |                    |      |           |      |                     |      |
| RECORDED BY            | DATE |             |    |                    |    |                    |      |           |      |                     |      |
| NO.                    |      |             |    |                    |    |                    |      |           |      |                     |      |

**MORROW REARDON  
WILKINSON MILLER, LTD.  
LANDSCAPE ARCHITECTS**  
210 La Yeta NE, Albuquerque, NM 87108  
505.265.2266 FAX 505.265.9657  
mrw@mrwmlm.com

**CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT**

**PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE C: PLANTING PLAN**

Design Review Committee  
APPROVED  
AUG 2 4 2006  
DESIGN REVIEW COMMITTEE

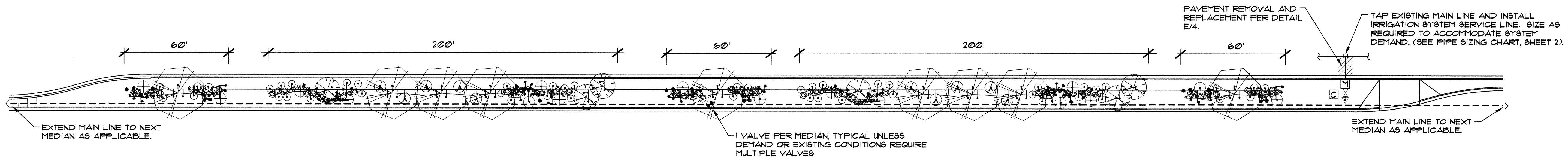
City Engineer Approval  
APPROVED  
AUG 2 5 2006  
CITY ENGINEER

City Project No. 790200

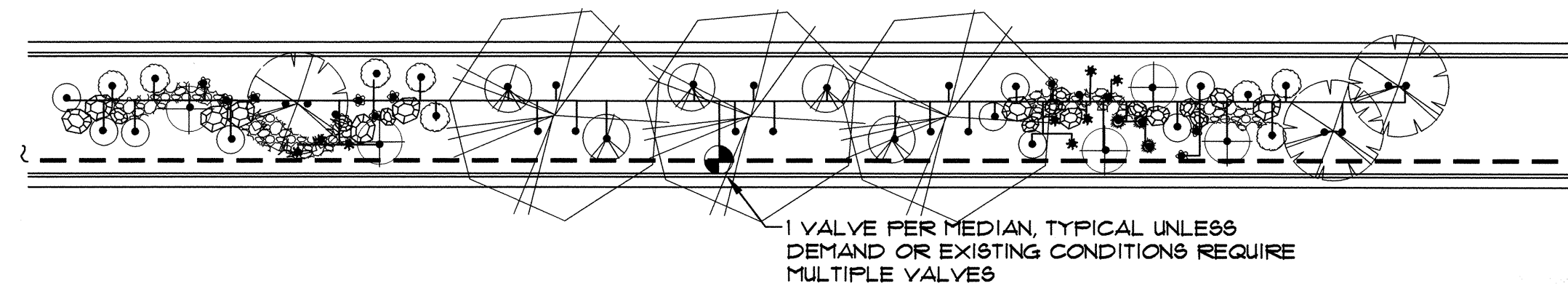
Zone Map No.

Sheet 10 OF 25

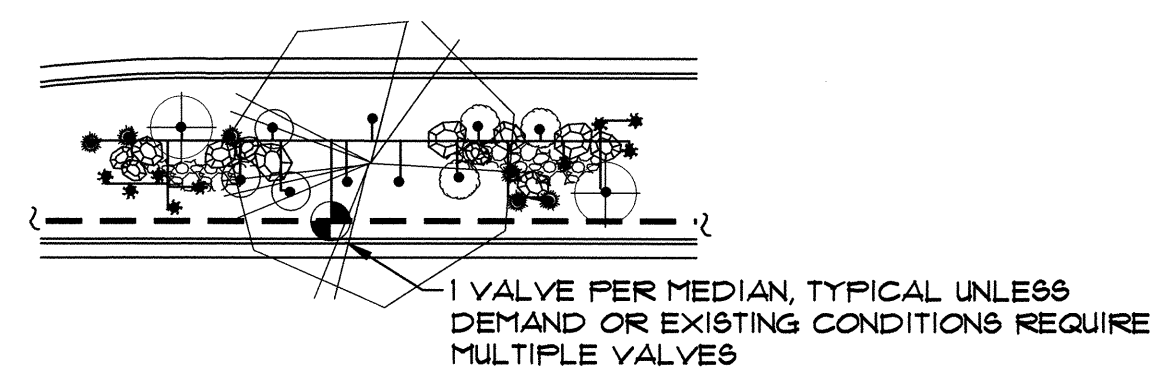




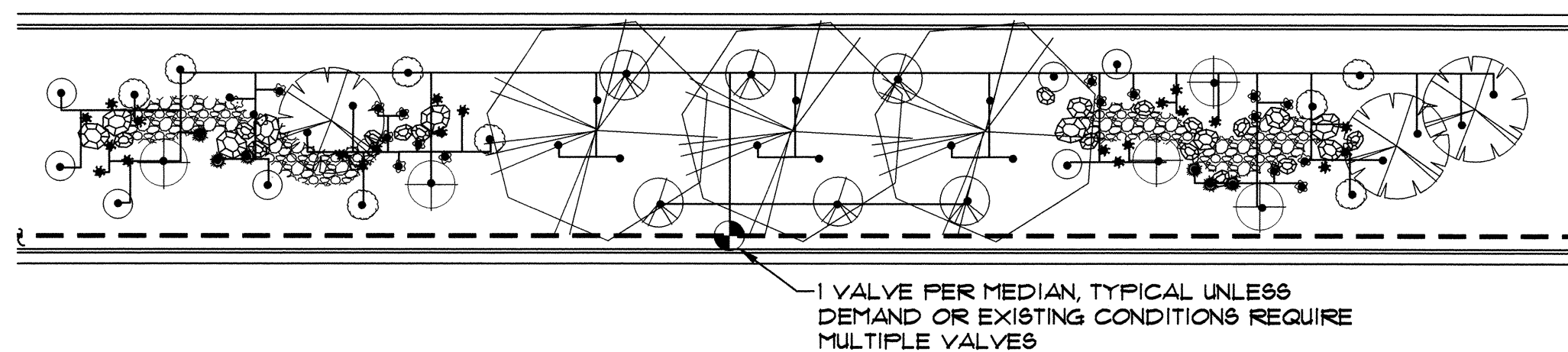
EXAMPLE LAYOUT FOR 16' WIDE MEDIAN (W/ IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE) Scale: 1"=30'



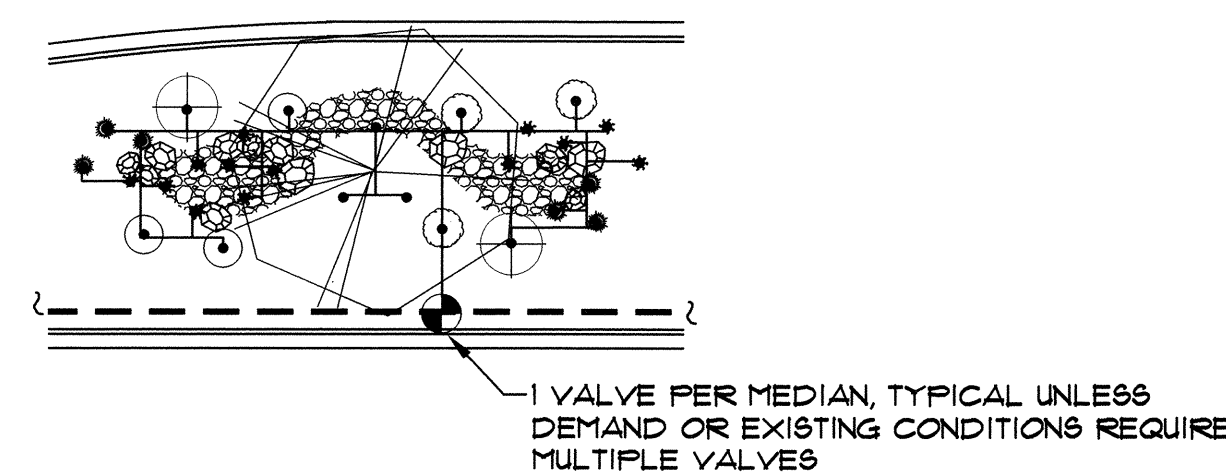
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

### IRRIGATION LEGEND

- WATER METER PER COA DWG. 2362 OR 2363. SIZE PER METER SIZING CHART, SHEET 2.
- IRRIGATION MAIN LINE, SCH 40 BELL END, SOLVENT WELD PVC. DEPTH OF SHALL BE BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN LINE AND 18" DEPTH OF BURY FOR NON-CONTINUOUS PRESSURE. SIZE PER PIPE SIZING CHART, SHEET 2.
- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. DEPTH OF BURY, 18". SIZE PER PIPE SIZING CHART, SHEET 2.
- ISOLATION VALVE ASSEMBLY, SIZE PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2101.
- FEBCO 825YA REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY WITH BALL VALVES, INSTALLED IN HEATED AND INSULATED ENCLOSURE AND MASTER METER INSTALLED IN VALVE BOX PER DETAIL C/4. SIZE OF RP, MASTER VALVE, AND MASTER METER SHALL BE SAME AS LINE SIZE. ENCLOSURE SHALL BE SIZED TO ACCOMMODATE SIZE OF RP AND MASTER VALVE ASSEMBLY.
- REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD FEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE, PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2103. (SIMILAR - SEE IRRIGATION NOTES #25 AND #26, SHEET 2.)
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS 2110, 2111, 2111-A AND 2112.

| MODEL NO. | GPM | P81 |
|-----------|-----|-----|
| 1401      | 25  | 30  |

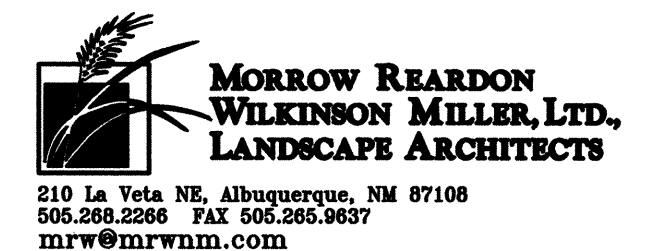
- IRRINET AC, IRRINET DC, SCORPIO AC, OR SCORPIO DC, CONTROLLER WITH INTERSPEC ENCLOSURE AND DOMED ANTENNA. UNIT SHALL COMMUNICATE ON C.O.A. RADIO FREQUENCY (WIDE BAND). INSTALL PER DETAILS B/4 AND D/4. COORDINATE WITH CITY PROJECT MANAGER FOR TYPE OF CONTROLLER. SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF REMOTE CONTROL VALVES AND MASTER VALVE.

### PROTOTYPE C GPM

|                       |    |
|-----------------------|----|
| STANDARD 200' POD:    | 19 |
| STANDARD 60' POD:     | 7  |
| WIDE MEDIAN 200' POD: | 26 |
| WIDE MEDIAN 60' POD:  | 8  |

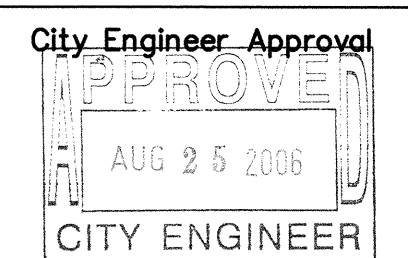
### IRRIGATION NOTES

- SEE SHEET 2 FOR GENERAL IRRIGATION NOTES.
- CONTRACTOR SHALL SIZE THE IRRIGATION COMPONENTS IN ACCORDANCE WITH THE IRRIGATION SIZING CRITERIA, SHEET 2.
- BUBBLERS ARE SHOWN DIRECTLY ON TOP OF SHRUBS FOR CLARITY OF DESIGN ONLY. BUBBLERS SHALL BE LOCATED 12" FROM THE SHRUB ROOT BALL.
- UNIT PRICE BID ITEM FOR EACH POD INCLUDES BUBBLERS AND RELATED INCIDENTAL COMPONENTS ONLY. BALANCE OF IRRIGATION COMPONENTS (MAIN LINE, WIRE, BACKFLOW PREVENTER, GATE VALVE, METER, TAP, SERVICE LINE, CONTROL VALVES & LATERAL LINES) ARE BID AS SEPARATE UNIT BID ITEMS. FITTINGS AND OTHER IRRIGATION COMPONENTS REQUIRED TO INSTALL INDIVIDUAL BID ITEMS SHALL BE INCIDENTAL TO THE WORK AND INCLUDED AT NO ADDITIONAL COST TO THE OWNER.



CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE C: IRRIGATION PLAN



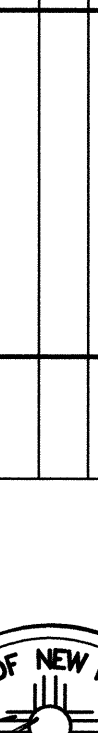
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City Project No.  
790200

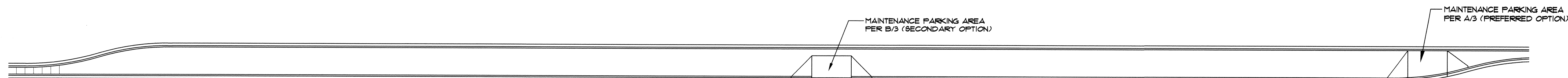
Zone Map No.

Sheet

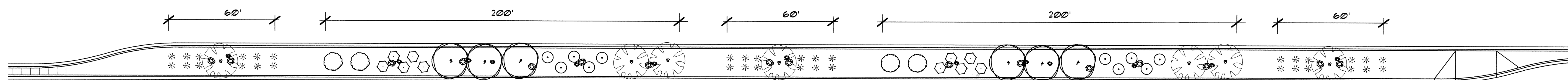
11 OF 25

| ARCHITECTURAL SEAL   |  |  |  | SURVEY INFORMATION |    | BENCH MARKS |  | AS-BUILT INFORMATION |  |  |
|--|--|--|--|--------------------|----|-------------|--|----------------------|--|--|
|  |  |  |  | FIELD NOTES        |    |             |  |                      |  |  |
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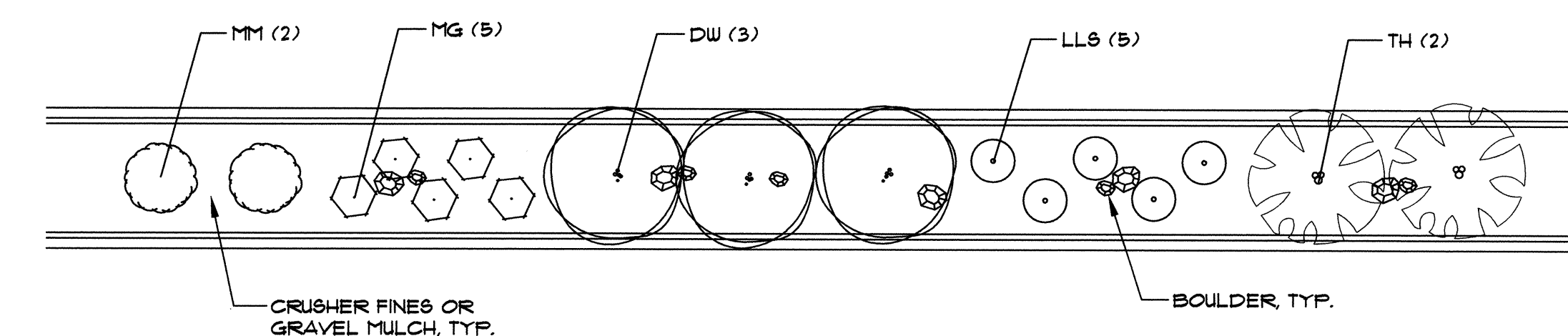




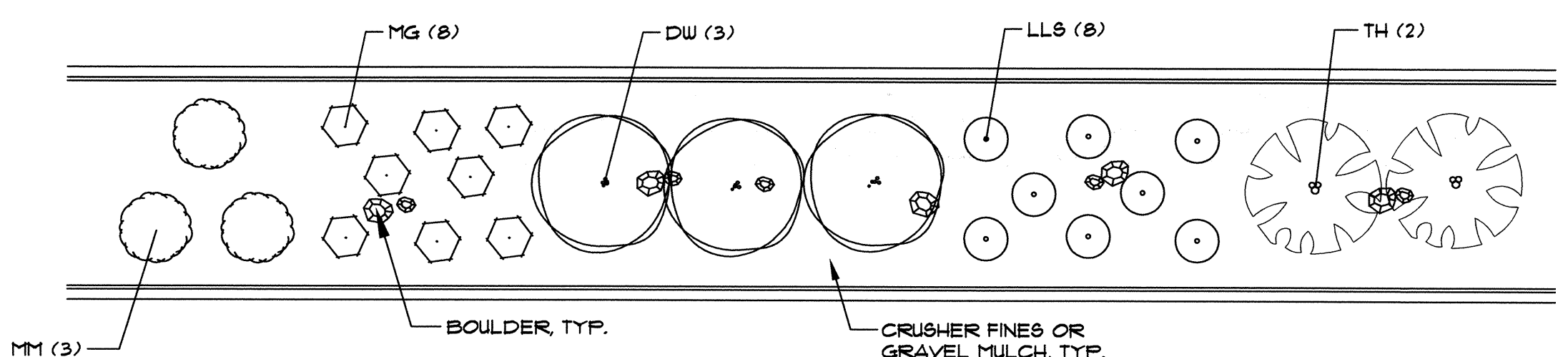
TYPICAL FOR EACH TYPE OF MAINTENANCE DRIVE PAD LOCATION ON 16' WIDE MEDIAN Scale: 1"=30'



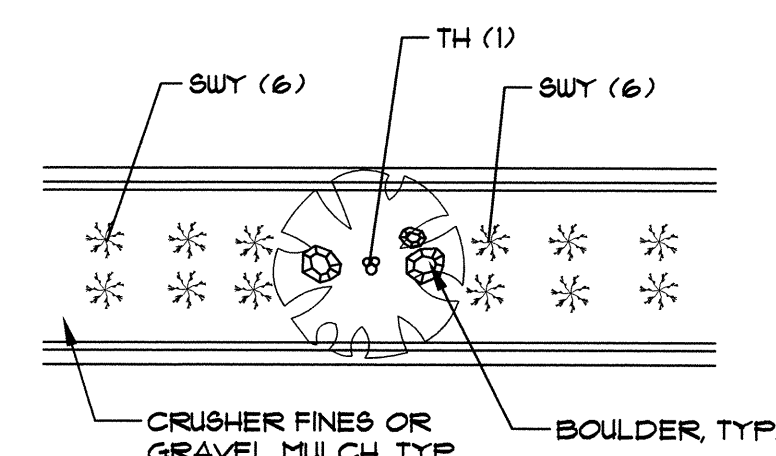
EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN) SCALE: 1"=30'



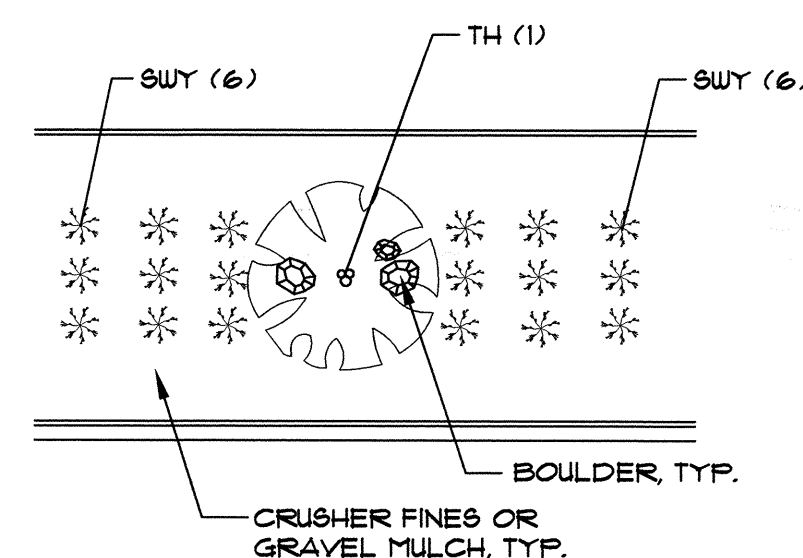
200' POD: TYP. 16' MEDIAN SCALE: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION SCALE: 1"=20'



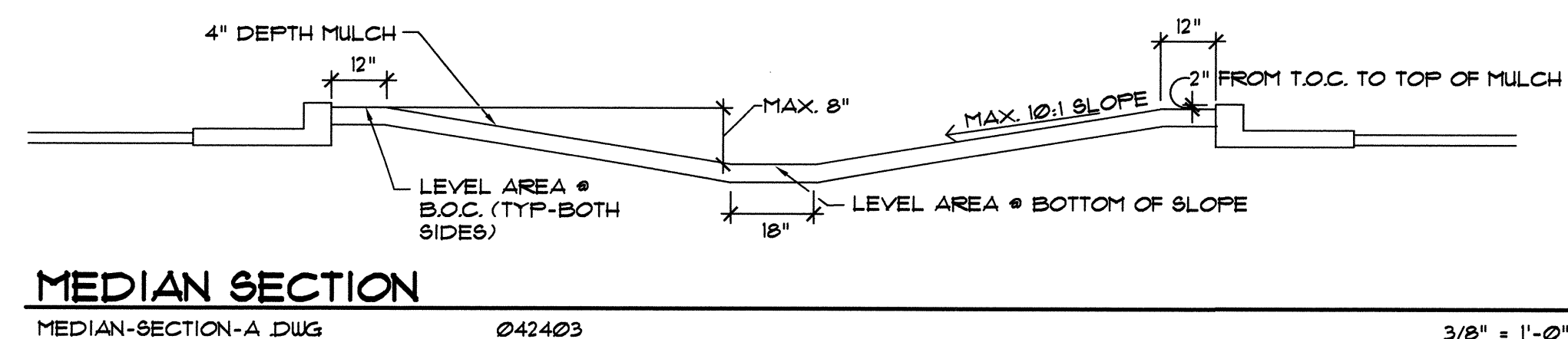
60' POD: TYP. 16' MEDIAN SCALE: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION SCALE: 1"=20'

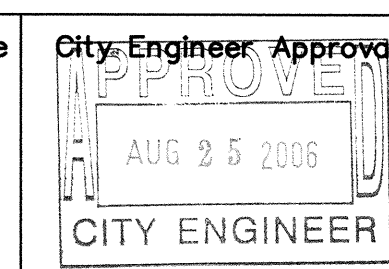
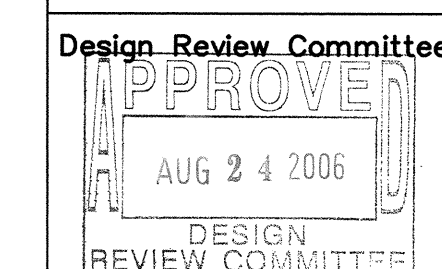
# PLANT LEGEND (See Master Plant List, Sheet 5 for Complete Plant Sizing Information)

| SYMBOL                           | COMMON NAME        | ALTERNATIVE SPECIES                   | QTY. (200' POD) | QTY. (50' POD) | QTY. (WIDE 200' POD) | QTY. (WIDE 50' POD) |
|----------------------------------|--------------------|---------------------------------------|-----------------|----------------|----------------------|---------------------|
| <b>ACCENT TREES</b>              |                    |                                       |                 |                |                      |                     |
| DW                               | Desert Willow      | Gambel Oak<br>Callery Ornamental Pear | 3               | 0              | 3                    | 0                   |
| TH                               | Thornless Hawthorn | Shumard Oak<br>Sunburst Honey Locust  | 2               | 1              | 2                    | 1                   |
| <b>VERTICAL SHRUBS</b>           |                    |                                       |                 |                |                      |                     |
| MM                               | Mountain Mahogany  | Golden Currant<br>New Mexico Olive    | 2               | 0              | 3                    | 0                   |
| <b>LARGE SHRUBS</b>              |                    |                                       |                 |                |                      |                     |
| LLS                              | Littleleaf Sumac   | Apache Plume<br>Rubber Rabbitbrush    | 5               | 0              | 5                    | 0                   |
| MG                               | Maidengrass        | Arp Rosemary<br>Switch Grass          | 5               | 0              | 5                    | 0                   |
| <b>SMALL SHRUBS/GROUNDCOVERS</b> |                    |                                       |                 |                |                      |                     |
| SWY                              | Soapweed Yucca     | Zebra Grass<br>Buffalo Juniper        | 0               | 12             | 0                    | 12                  |



CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE D: PLANTING PLAN



City Project No.  
790200

Zone Map No.

Sheet

12 OF 25

| AS-BUILT INFORMATION      |      | BENCH MARKS |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL |      | REVISIONS |      | REMARKS |      |
|---------------------------|------|-------------|------|--------------------|------|--------------------|------|-----------|------|---------|------|
| CONTRACTOR                | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| WORK BY                   | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| INSPECTOR'S ACCEPTANCE BY | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| VERIFICATION BY           | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| DRAWINGS BY               | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| MICRO-FILM INFORMATION    |      | RECORDED BY |      | DATE               |      | NO.                |      | DATE      |      | NO.     |      |
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Sheet 13 OF 25

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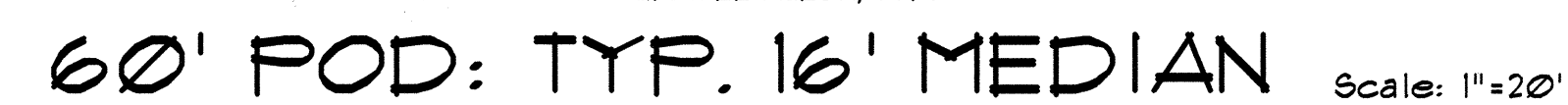
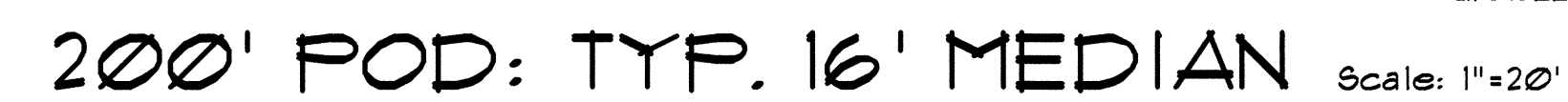



Diagram illustrating the cross-section of a ditch with the following dimensions and labels:

- 4" DEPTH MULCH
- 12"
- MAX. 8"
- MAX. 10:1 SLOPE
- 12" FROM T.O.C. TO TOP OF MULCH
- 2"
- 18"
- LEVEL AREA • B.O.C. (TYP-BOTH SIDES)
- LEVEL AREA • BOTTOM OF SLOPE





**MORROW REARDON  
WILKINSON MILLER, LTD.,  
LANDSCAPE ARCHITECTS**

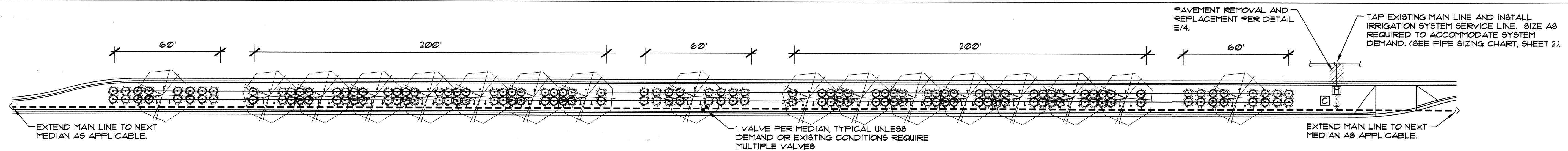
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505.268.2286 FAX 505.265.9837  
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 CITY OF ALBUQUERQUE  
 CAPITAL IMPLEMENTATION PROGRAM  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT

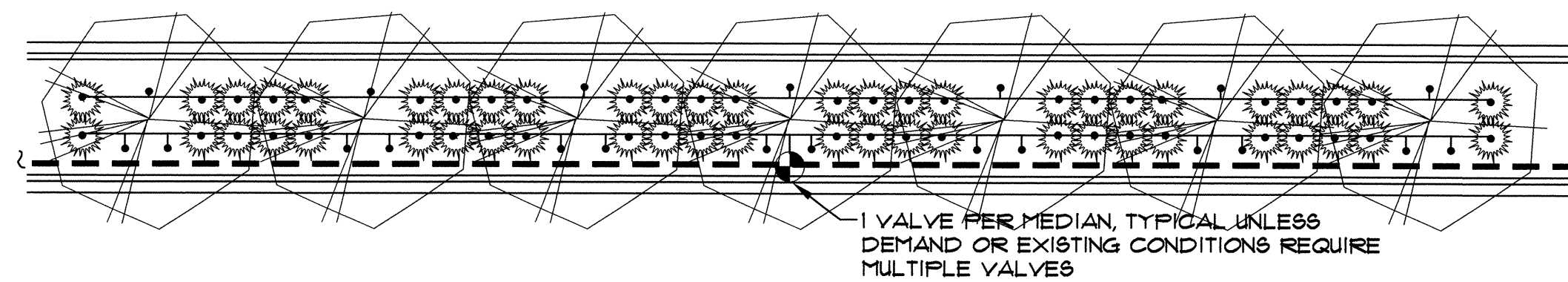
PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE E: PLANTING PLAN

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| Design Review Committee<br> |  | City Engineer Approval<br> |              | Last Design Update | Mo./Day/Yr.              | Mo./Day/Yr. |
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| City Project No.<br><b>790200</b>  |  |   | Zone Map No. |                    | Sheet<br><b>14 OF 25</b> |             |

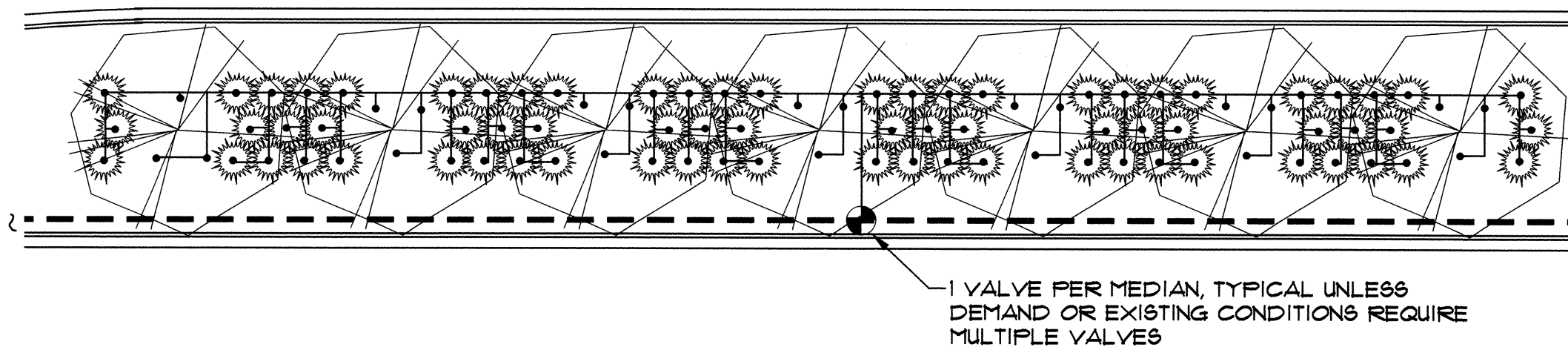




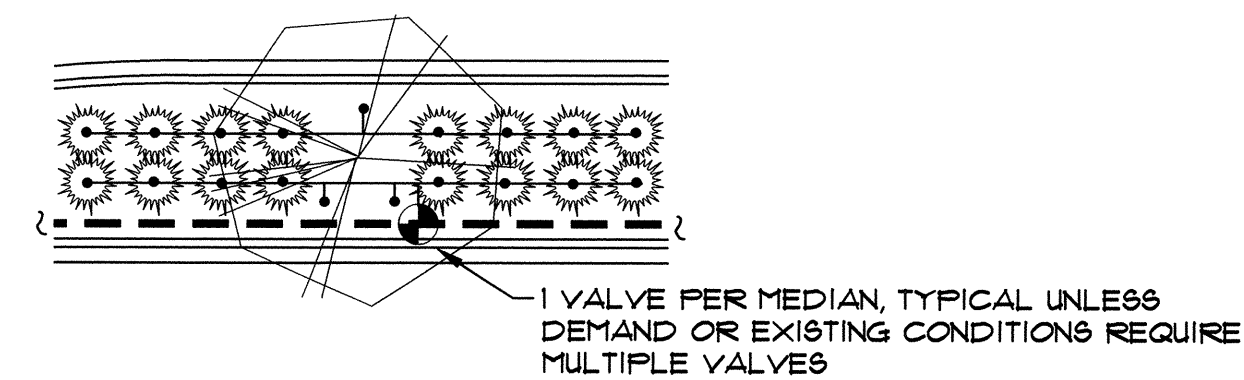
EXAMPLE LAYOUT FOR 16' WIDE MEDIAN (W/ IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE) Scale: 1"=30'



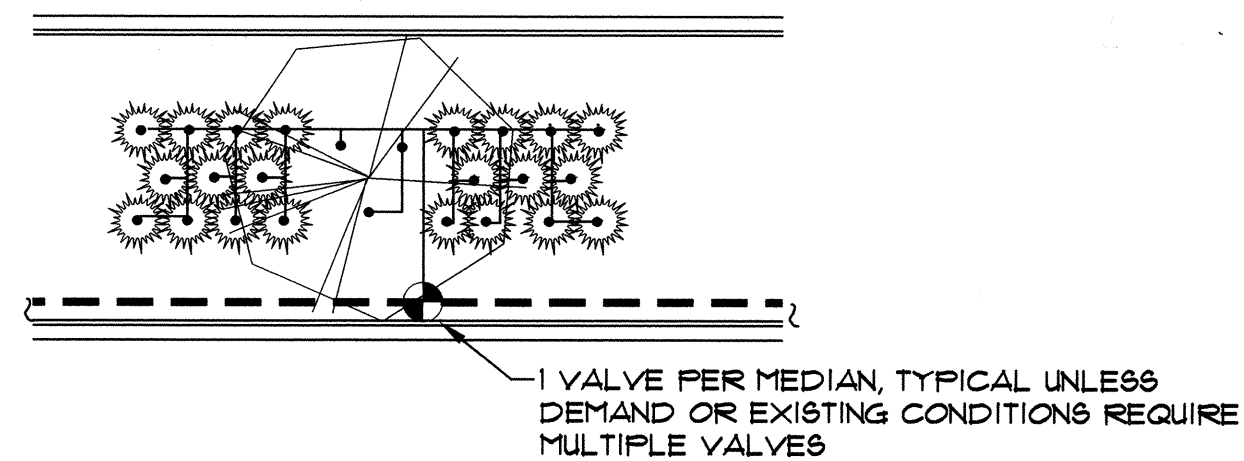
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

#### IRRIGATION LEGEND

- WATER METER PER COA DWG. 2362 OR 2363. SIZE PER METER SIZING CHART, SHEET 2.
- IRRIGATION MAIN LINE, SCH 40 BELL END, SOLVENT WELD PVC. DEPTH OF SHALL BE BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN LINE AND 18" DEPTH OF BURY FOR NON-CONTINUOUS PRESSURE. SIZE PER PIPE SIZING CHART, SHEET 2.
- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. DEPTH OF BURY, 18". SIZE PER PIPE SIZING CHART, SHEET 2.
- ⊠ ISOLATION VALVE ASSEMBLY, SIZE PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2107.
- ▶ FEBCO 825YA REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY WITH BALL VALVES, INSTALLED IN HEATED AND INSULATED ENCLOSURE AND MASTER METER INSTALLED IN VALVE BOX PER DETAIL C/4. SIZE OF RP, MASTER VALVE, AND MASTER METER SHALL BE SAME AS LINE SIZE. ENCLOSURE SHALL BE SIZED TO ACCOMMODATE SIZE OF RP AND MASTER VALVE ASSEMBLY.
- ◆ REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD PEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE, PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2103. (SIMILAR - SEE IRRIGATION NOTES #25 AND #26, SHEET 2.)
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS 2110, 2111, 2111-A AND 2112.
 

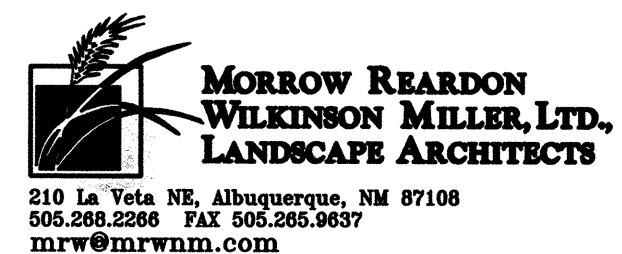
| MODEL NO. | GPM | PSI |
|-----------|-----|-----|
| 1401      | 25  | 30  |
- ☑ IRRINET AC, IRRINET DC, SCORPIO AC, OR SCORPIO DC, CONTROLLER WITH INTERSPEC ENCLOSURE AND DOME ANTENNA. UNIT SHALL COMMUNICATE ON C.O.A. RADIO FREQUENCY (WIDE BAND). INSTALL PER DETAILS B/4 AND D/4. COORDINATE WITH CITY PROJECT MANAGER FOR TYPE OF CONTROLLER. SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF REMOTE CONTROL VALVES AND MASTER VALVE.

#### PROTOTYPE E GPM

|                       |    |
|-----------------------|----|
| STANDARD 200' POD:    | 19 |
| STANDARD 50' POD:     | 5  |
| WIDE MEDIAN 200' POD: | 25 |
| WIDE MEDIAN 50' POD:  | 1  |

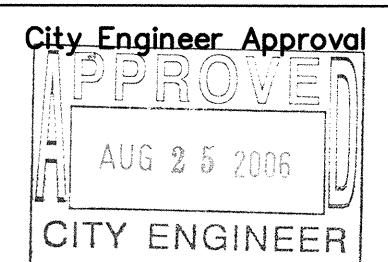
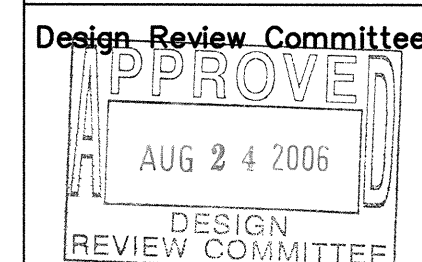
#### IRRIGATION NOTES

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- UNIT PRICE BID ITEM FOR EACH POD INCLUDES BUBBLERS AND RELATED INCIDENTAL COMPONENTS ONLY. BALANCE OF IRRIGATION COMPONENTS (MAIN LINE, WIRE, BACKFLOW PREVENTER, GATE VALVE, METER, TAP, SERVICE LINE, CONTROL VALVES & LATERAL LINES) ARE BID AS SEPARATE UNIT BID ITEMS. FITTINGS AND OTHER IRRIGATION COMPONENTS REQUIRED TO INSTALL INDIVIDUAL BID ITEMS SHALL BE INCIDENTAL TO THE WORK AND INCLUDED AT NO ADDITIONAL COST TO THE OWNER.



CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE E: IRRIGATION PLAN



Last Design Update

| Mo./Day/Yr. | Mo./Day/Yr. |
|-------------|-------------|
|             |             |
|             |             |
|             |             |
|             |             |

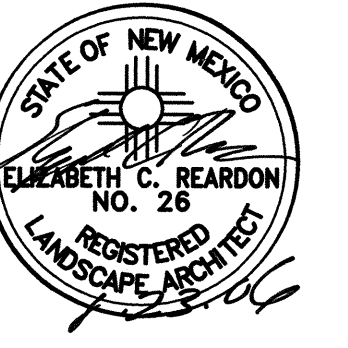
City Project No.  
790200

Zone Map No.

Sheet

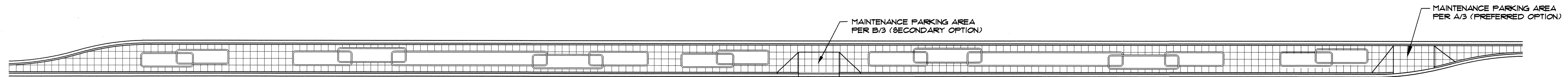
15 OF 25

| AS-BUILT INFORMATION |                 |      |  | BENCH MARKS |  |  |  | SURVEY INFORMATION |     |    |      | ARCHITECTURAL SEAL |  |  |  |
|----------------------|-----------------|------|--|-------------|--|--|--|--------------------|-----|----|------|--------------------|--|--|--|
| CONTRACTOR           | WORKED BY       | DATE |  |             |  |  |  | FIELD NOTES        | NO. | BY | DATE |                    |  |  |  |
|                      | ACCEPTANCE BY   | DATE |  |             |  |  |  |                    |     |    |      |                    |  |  |  |
|                      | VERIFICATION BY | DATE |  |             |  |  |  |                    |     |    |      |                    |  |  |  |
|                      | DRAWINGS BY     | DATE |  |             |  |  |  |                    |     |    |      |                    |  |  |  |
|                      | CHECKED BY      | DATE |  |             |  |  |  |                    |     |    |      |                    |  |  |  |
|                      | RECORDED BY     | DATE |  |             |  |  |  |                    |     |    |      |                    |  |  |  |
|                      | NO.             |      |  |             |  |  |  |                    |     |    |      |                    |  |  |  |

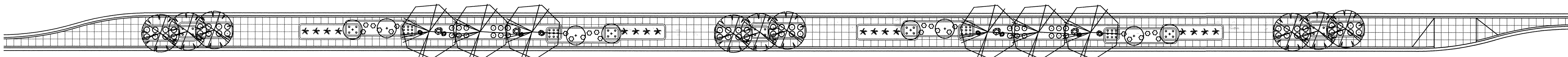


| REVISIONS                                | NO.     | DATE | BY          |
|--|---------|------|-------------|
| WILSON & COMPANY, ENGINEERS & ARCHITECTS |         |      |             |
| DESIGNED BY                              | ECR/NAK | DATE | AUGUST 2006 |
| DRAWN BY                                 | EAC/NAK | DATE | AUGUST 2006 |
| CHECKED BY                               | ECR     | DATE | AUGUST 2006 |

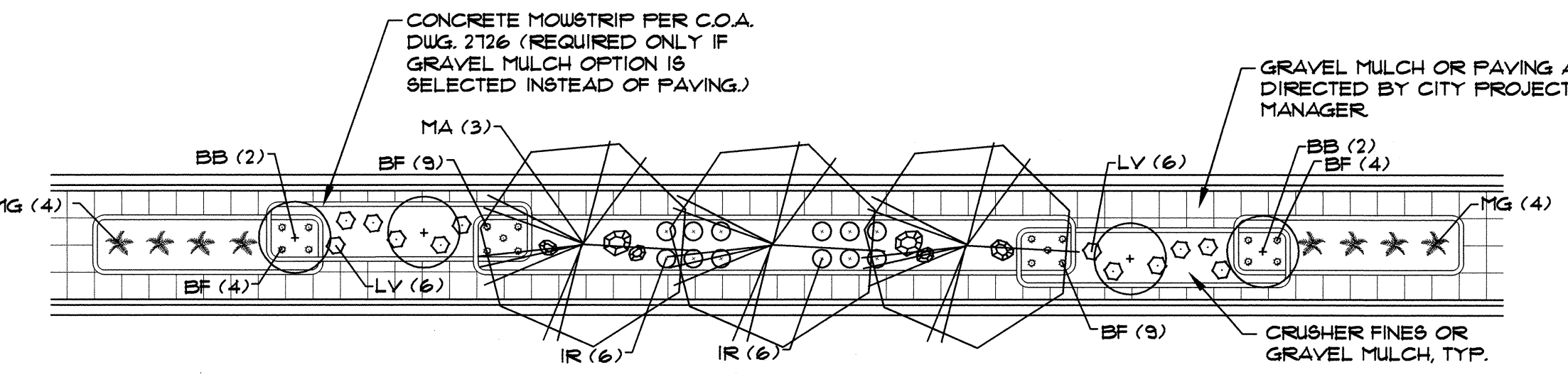




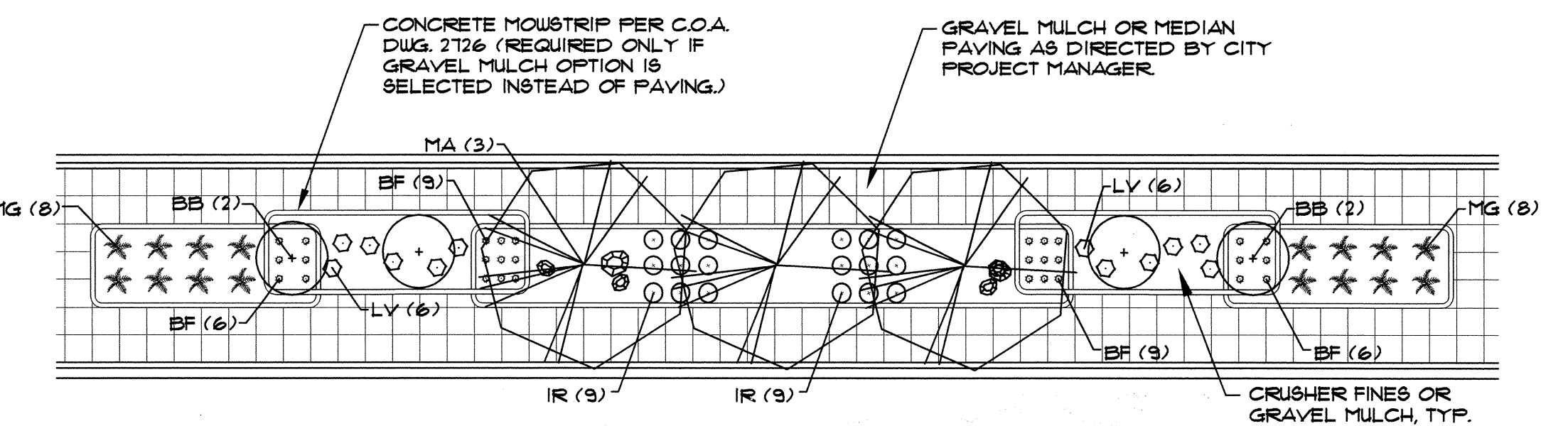
TYPICAL FOR EACH TYPE OF MAINTENANCE DRIVE PAD LOCATION ON 16' WIDE MEDIAN Scale: 1"=30'



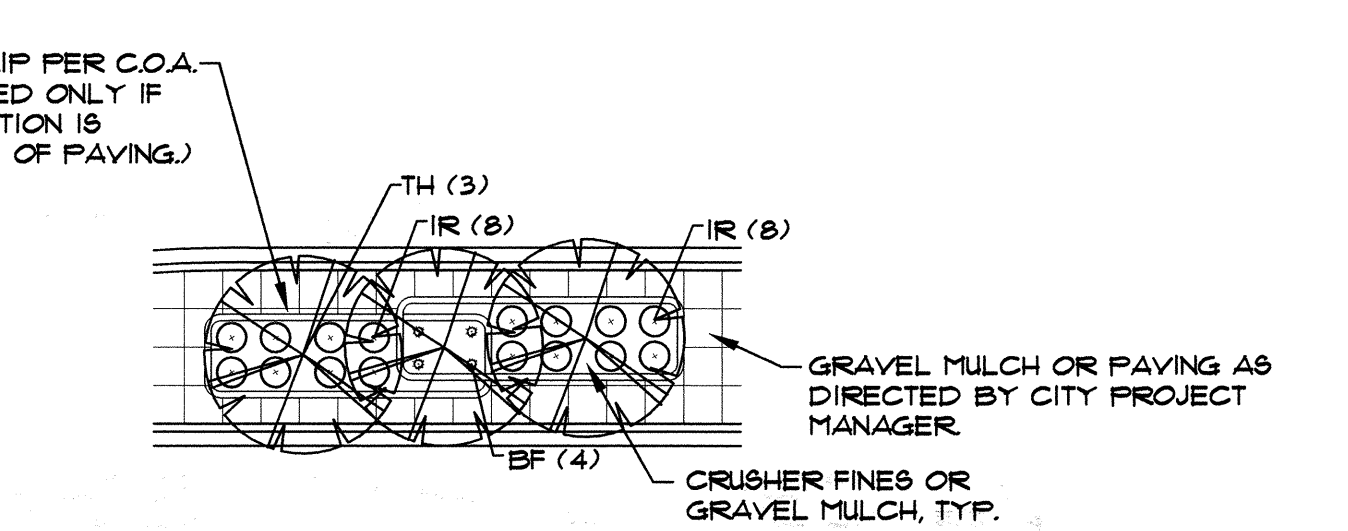
EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN) Scale: 1"=30'



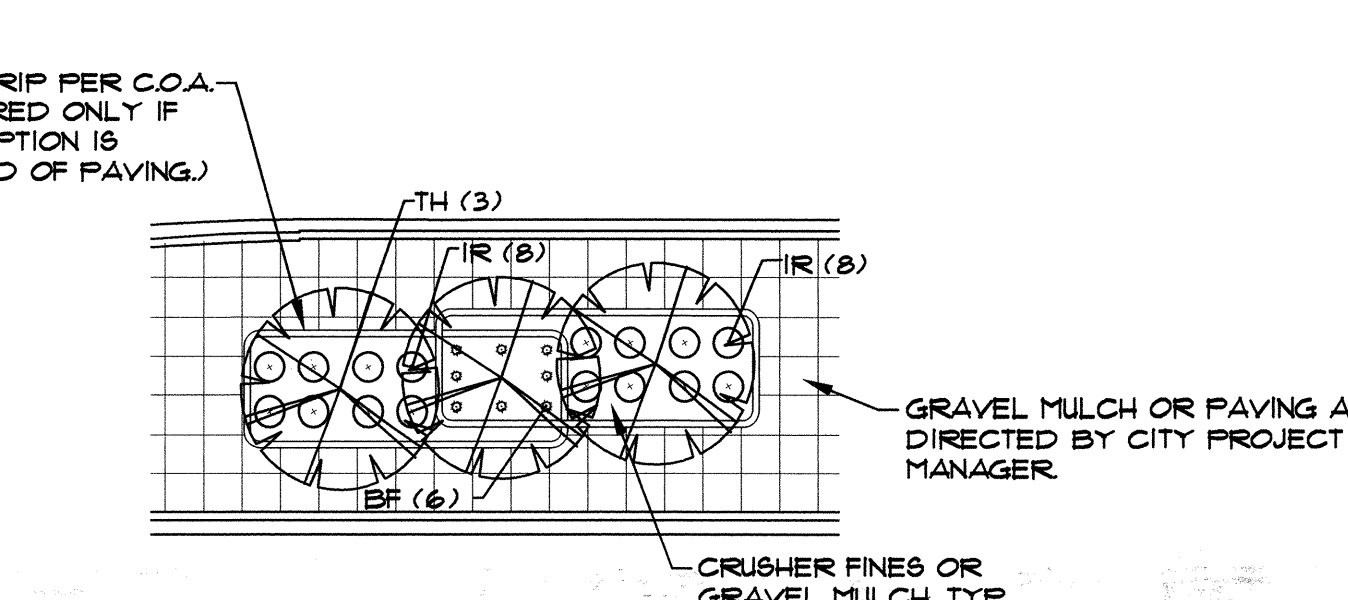
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

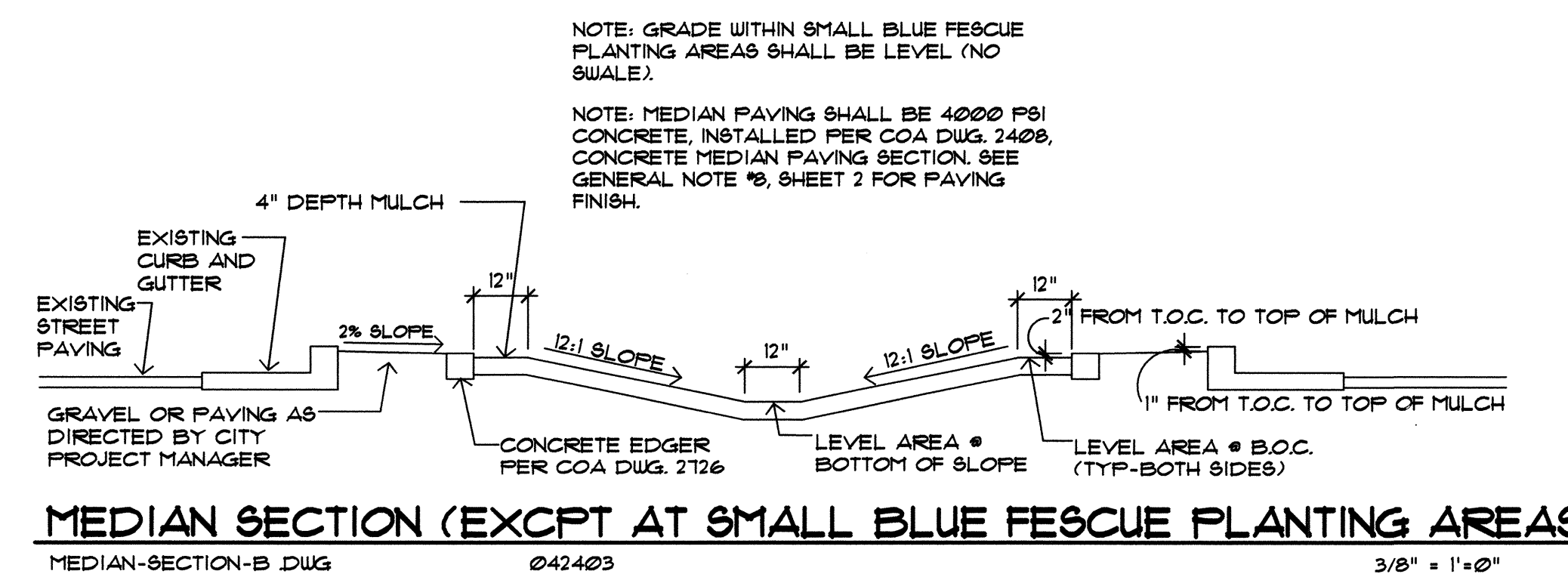


60' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

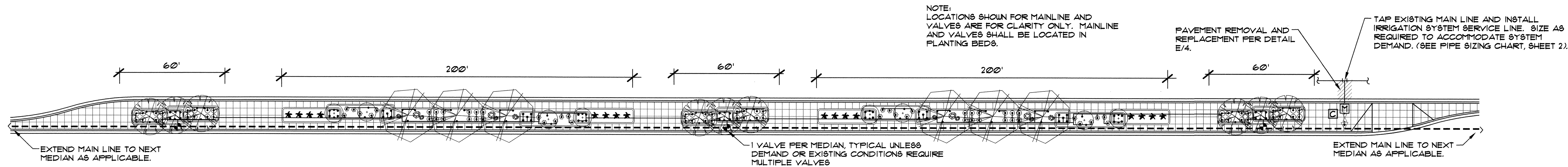
| PLANT LEGEND (See Master Plant List, Sheet 5 for Complete Plant Sizing Information) |                    |                                     |                 |                |                      |                     |
|---|--------------------|-------------------------------------|-----------------|----------------|----------------------|---------------------|
| SYMBOL  | COMMON NAME        | ALTERNATIVE SPECIES                 | QTY. (200' POD) | QTY. (60' POD) | QTY. (WIDE 200' POD) | QTY. (WIDE 60' POD) |
| <b>SHADE TREES</b>  |                    |                                     |                 |                |                      |                     |
| MA  | Modesto Ash        | Chinese Pistache<br>Lacebark Elm    | 3               | 0              | 3                    | 0                   |
| <b>ACCENT TREES</b>   |                    |                                     |                 |                |                      |                     |
| TH  | Thornless Hawthorn | Sunburst Honey Locust<br>Smoke Tree | 0               | 3              | 0                    | 3                   |
| <b>VERTICAL SHRUB</b>   |                    |                                     |                 |                |                      |                     |
| BB  | Butterfly Bush     | Spanish Broom<br>Fern Bush          | 4               | 0              | 4                    | 0                   |
| <b>LARGE SHRUBS</b>   |                    |                                     |                 |                |                      |                     |
| MG  | Maiden Grass       | Sotol<br>Red Yucca                  | 8               | 0              | 16                   | 0                   |
| <b>SMALL SHRUBS</b>   |                    |                                     |                 |                |                      |                     |
| IR  | Irene Rosemary     | Regal Mist<br>Foerster's Grass      | 12              | 16             | 18                   | 16                  |
| LV  | Lavender           | Shrubby Cinquefoil<br>Blue Avena    | 12              | 0              | 12                   | 0                   |
| <b>GROUNDCOVERS</b>   |                    |                                     |                 |                |                      |                     |
| BF  | Blue Fescue        |                                     | 34              | 10             | 76                   | 28                  |



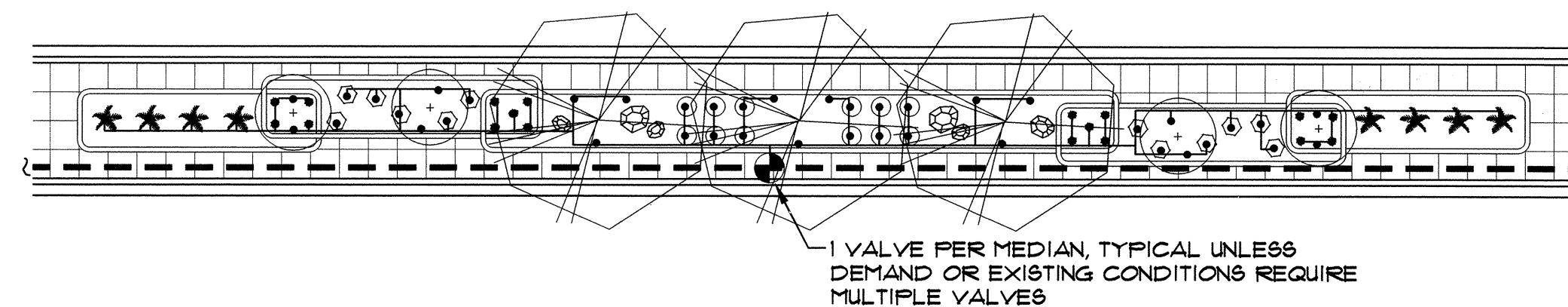
|  |  |  |  |  |  |
|--|--|--|--|--|--|
| CITY OF ALBUQUERQUE<br>CAPITAL IMPLEMENTATION PROGRAM<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT |  | DESIGNED BY<br>WILSON & COMPANY, ENGINEERS & ARCHITECTS<br>DATE<br>AUGUST 2006 |  | CHECKED BY<br>ECR<br>DATE<br>AUGUST 2006 |  |
| PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C<br>PROTOTYPE F: PLANTING PLAN                |  | City Project No.<br>790200   |  | Zone Map No.                             |  |
| Design Review Committee<br>APPROVE<br>AUG 24 2006<br>DESIGN REVIEW COMMITTEE                 |  | City Engineer Approval<br>APPROVE<br>AUG 25 2006<br>CITY ENGINEER              |  | Last Design Update                       |  |
| Mo./Day/Yr.  |  | Mo./Day/Yr.  |  | Sheet<br>16 OF 25                        |  |

| AS-BUILT INFORMATION      |      | BENCH MARKS |    | SURVEY INFORMATION |    | ARCHITECTURAL SEAL |  |
|---------------------------|------|-------------|----|--------------------|----|--------------------|--|
| CONTRACTOR                | DATE | NO.         | BY | NO.                | BY |                    |  |
| INSPECTOR'S ACCEPTANCE BY | DATE |             |    |                    |    |                    |  |
| VERIFICATION BY           | DATE |             |    |                    |    |                    |  |
| DRAWN BY                  | DATE |             |    |                    |    |                    |  |
| RECORDED BY               | DATE |             |    |                    |    |                    |  |
| NO.                       |      |             |    |                    |    |                    |  |

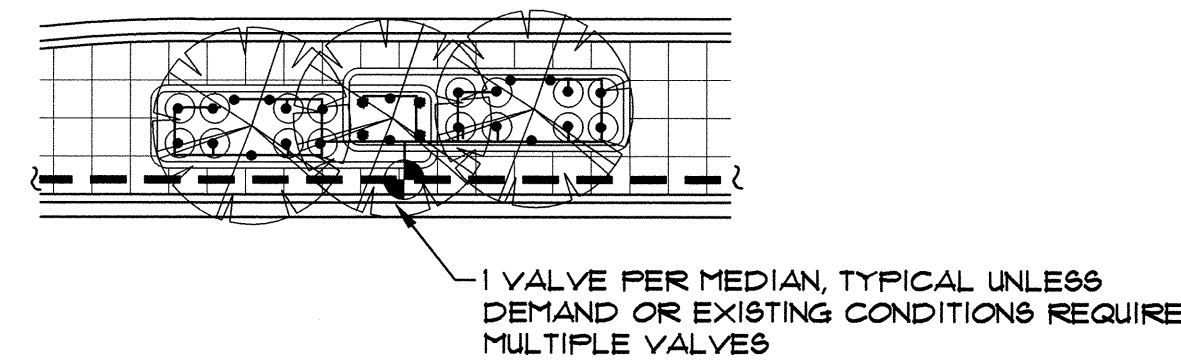




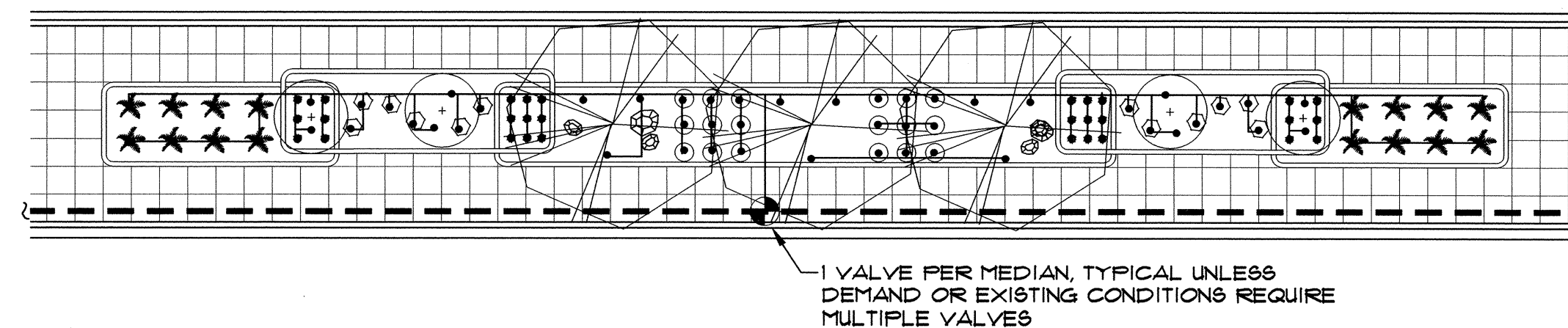
EXAMPLE LAYOUT FOR 16' WIDE MEDIAN (W/ IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE) Scale: 1"=30'



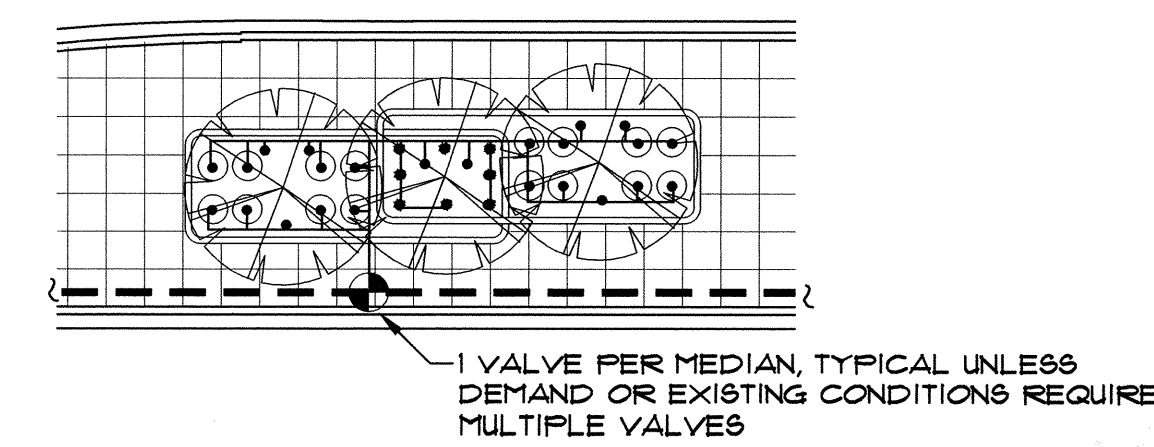
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

### IRRIGATION LEGEND

- ☐ WATER METER PER COA DWG. 2362 OR 2363. SIZE PER METER SIZING CHART, SHEET 2.
  - IRRIGATION MAIN LINE, SCH 40 BELL END, SOLVENT WELD PVC. DEPTH OF SHALL BE BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN LINE AND 18" DEPTH OF BURY FOR NON-CONTINUOUS PRESSURE. SIZE PER PIPE SIZING CHART, SHEET 2.
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- | MODEL NO. | GPM | P81 |
|-----------|-----|-----|
| 1401      | 25  | 30  |
- ☐ IRRINET AC, IRRINET DC, SCORPIO AC, OR SCORPIO DC, CONTROLLER WITH INTERSPEC ENCLOSURE AND DOMED ANTENNA. UNIT SHALL COMMUNICATE ON C.O.A. RADIO FREQUENCY (WIDE BAND). INSTALL PER DETAILS B/4 AND D/4. COORDINATE WITH CITY PROJECT MANAGER FOR TYPE OF CONTROLLER. SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF REMOTE CONTROL VALVES AND MASTER VALVE.

### PROTOTYPE F GPM

|                       |    |
|-----------------------|----|
| STANDARD 200' POD:    | 21 |
| STANDARD 50' POD:     | 9  |
| WIDE MEDIAN 200' POD: | 36 |
| WIDE MEDIAN 50' POD:  | 14 |

### IRRIGATION NOTES

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CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE F: IRRIGATION PLAN

| Design Review Committee                            | City Engineer Approval                   | Mo./Day/Yr.       | Mo./Day/Yr. |
|--|--|-------------------|-------------|
| APPROVED<br>AUG 24 2006<br>DESIGN REVIEW COMMITTEE | APPROVED<br>AUG 25 2006<br>CITY ENGINEER |                   |             |
| City Project No.<br>790200                         | Zone Map No.                             | Sheet<br>17 OF 25 |             |



| AS-BUILT INFORMATION |      |      |  |
|----------------------|------|------|--|
| CONTRACTOR           | WORK | DATE |  |
| STARTED BY           | DATE |      |  |
| ACCEPTANCE BY        | DATE |      |  |
| FIELD CORRECTION BY  | DATE |      |  |
| DESIGNED BY          | DATE |      |  |
| CHECKED BY           | DATE |      |  |
| RECORDED BY          | DATE |      |  |
| NO.                  |      |      |  |

### BENCH MARKS

| SURVEY INFORMATION |    | FIELD NOTES |  |
|--------------------|----|-------------|--|
| NO.                | BY | DATE        |  |
|                    |    |             |  |
|                    |    |             |  |
|                    |    |             |  |
|                    |    |             |  |

### ARCHITECTURAL SEAL

| REVISIONS |      | BY      |  |
|-----------|------|---------|--|
| NO.       | DATE | REMARKS |  |
|           |      |         |  |
|           |      |         |  |
|           |      |         |  |
|           |      |         |  |

| WILSON & COMPANY, ENGINEERS & ARCHITECTS |      |             |  |
|--|------|-------------|--|
| DESIGNED BY                              | DATE | AUGUST 2006 |  |
| DRAWN BY                                 | DATE | AUGUST 2006 |  |
| CHECKED BY                               | DATE | AUGUST 2006 |  |





Diagram illustrating the components of a three-roll crusher:

- GO (3)
- BOULDER, TYP.
- MP (4)
- MG (3)
- TLG (3)
- MP (5)
- CRUSHER FINES OR GRAVEL MULCH, TYP.

A schematic diagram of a three-roll crusher. Three horizontal rollers are shown, labeled from left to right as GO (3), MP (7), and MG (4). The GO (3) roller has a circular pattern with three lobes. The MP (7) roller has a circular pattern with seven lobes. The MG (4) roller has a circular pattern with four lobes. Arrows indicate the flow of material from left to right between the rollers. Various particle sizes are represented by different symbols: circles with dots, circles with crosses, and circles with stars. Labels with arrows point to these symbols: 'GO (3)' points to a circle with a dot; 'MP (7)' points to a circle with a cross; 'MG (4)' points to a circle with a star; 'MP (5)' points to a circle with a dot; 'TLG (3)' points to a circle with a cross; and 'BOULDER TYP.' points to a large circle with a star. A label 'CRUSHER FINES OR GRAVEL MULCH, TYP.' points to a small circle with a dot. The rollers are represented by two parallel horizontal lines.

EXISTING CURB AND GUTTER

EXISTING STREET PAVING

COBBLE OR GRAVEL PER CITY PROJECT MANAGER

CONCRETE WALL PER DETAIL THIS SHEET

LEVEL AREA @ BOTTOM OF SLOPE

LEVEL AREA @ B.O.C. (TYP-BOTH SIDES)

4" DEPTH CRUSHER FINES OR GRAVEL MULCH, PER CITY PROJECT MANAGER

12"

12"

12"

12"

18"

12"

2"

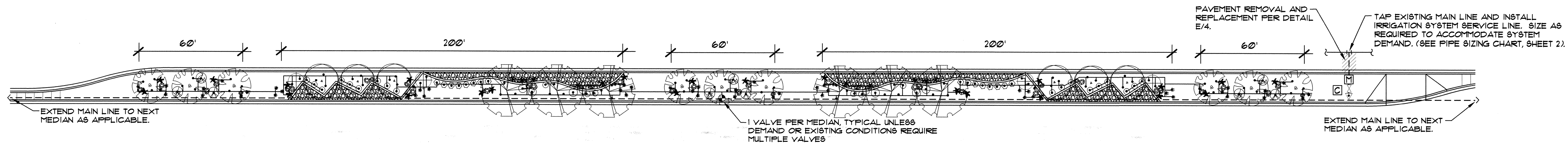
2:1 SLOPE

10:1 SLOPE

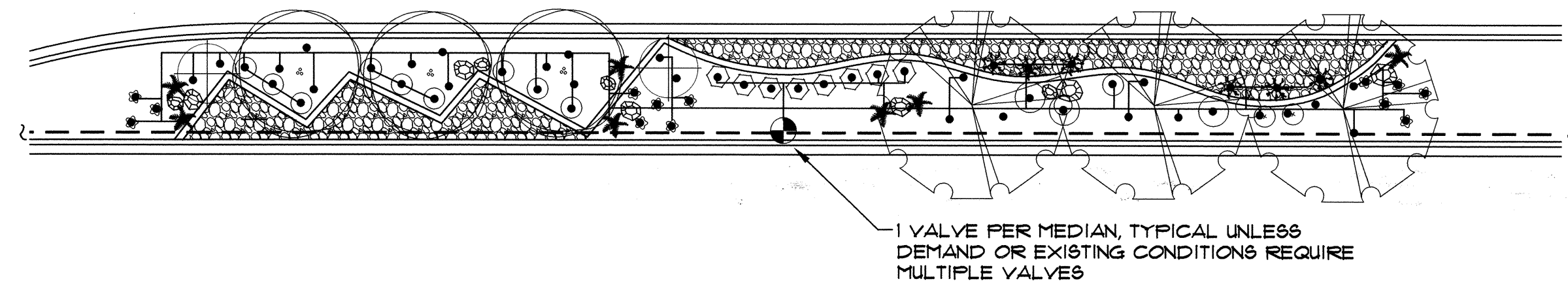
VARIES

Sheet 18 OF 25

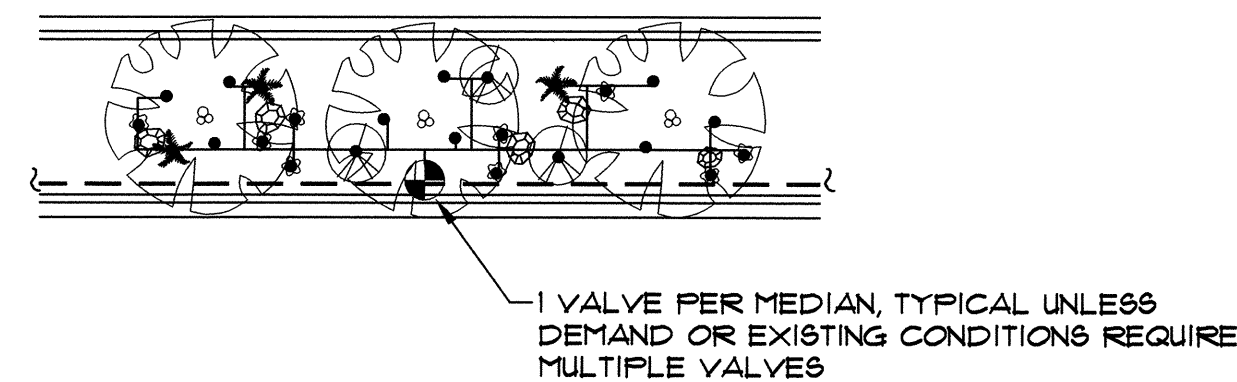




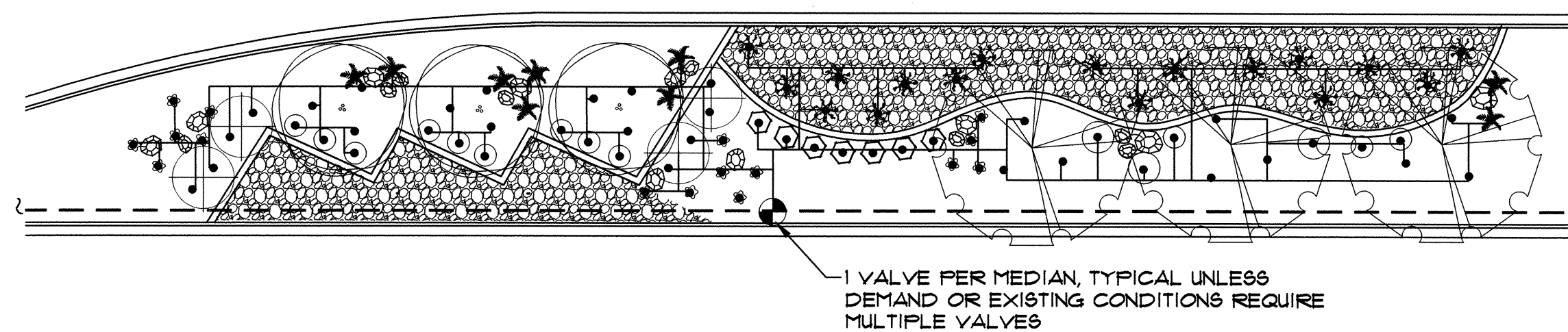
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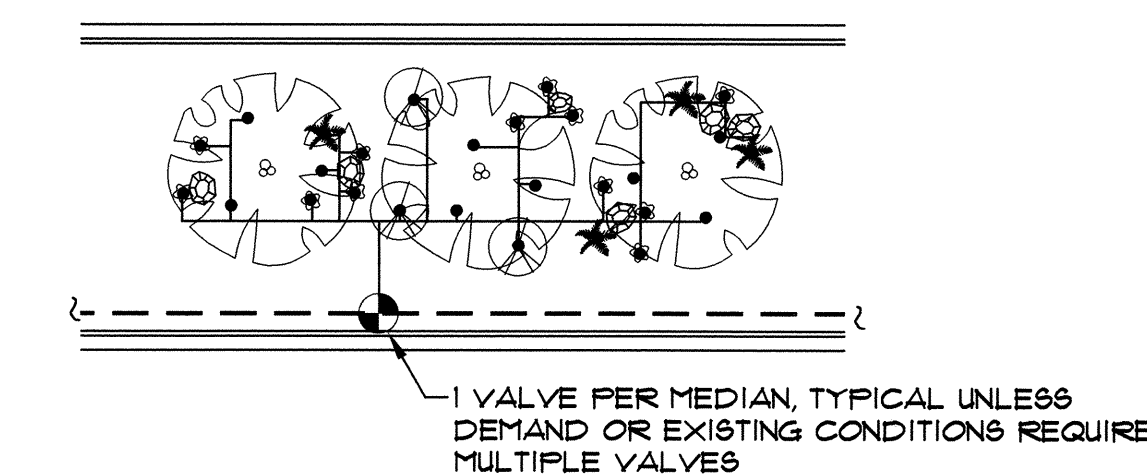
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



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- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS 2110, 2111, 2111-A AND 2112.
 

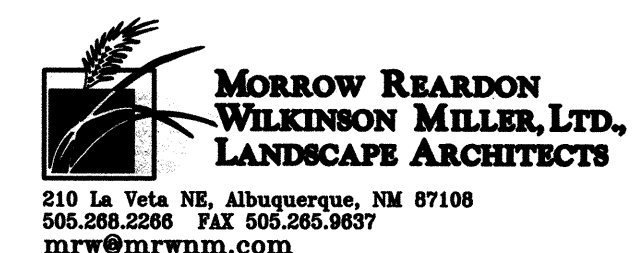
| MODEL NO. | GPM | F81 |
|-----------|-----|-----|
| 1401      | 25  | 30  |
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### PROTOTYPE G GPM

|                       |    |
|-----------------------|----|
| STANDARD 200' POD:    | 21 |
| STANDARD 50' POD:     | 6  |
| WIDE MEDIAN 200' POD: | 26 |
| WIDE MEDIAN 50' POD:  | 7  |

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- BUBBLERS ARE SHOWN DIRECTLY ON TOP OF SHRUBS FOR CLARITY OF DESIGN ONLY. BUBBLERS SHALL BE LOCATED 12" FROM THE SHRUB ROOT BALL.
- UNIT PRICE BID ITEM FOR EACH POD INCLUDES BUBBLERS AND RELATED INCIDENTAL COMPONENTS ONLY. BALANCE OF IRRIGATION COMPONENTS (MAIN LINE, WIRE, BACKFLOW PREVENTER, GATE VALVE, METER, TAP, SERVICE LINE, CONTROL VALVES & LATERAL LINES) ARE BID AS SEPARATE UNIT BID ITEMS. FITTINGS AND OTHER IRRIGATION COMPONENTS REQUIRED TO INSTALL INDIVIDUAL BID ITEMS SHALL BE INCIDENTAL TO THE WORK AND INCLUDED AT NO ADDITIONAL COST TO THE OWNER.

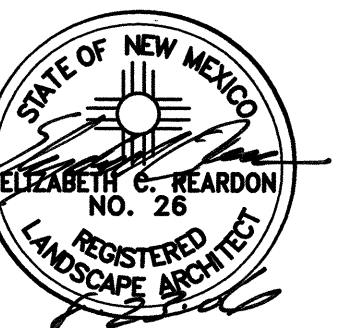


CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE G: IRRIGATION PLAN

| Design Review Committee                            | City Engineer Approval                   | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|--|--|--------------------|-------------|-------------|
| APPROVED<br>AUG 24 2006<br>DESIGN REVIEW COMMITTEE | APPROVED<br>AUG 25 2006<br>CITY ENGINEER |                    |             |             |
| City Project No.<br>790200                         | Zone Map No.                             | Sheet              | 19 OF 25    |             |

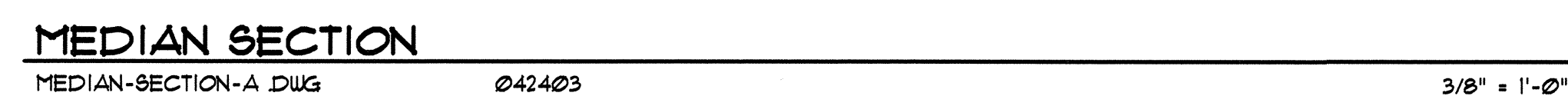
| AS-BUILT INFORMATION   |      | BENCH MARKS |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL |      | REVISIONS |      | REMARKS |      |
|------------------------|------|-------------|------|--------------------|------|--------------------|------|-----------|------|---------|------|
| CONTRACTOR             | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| WORKED BY              | DATE |             |      |                    |      |                    |      |           |      |         |      |
| INSPECTED BY           | DATE |             |      |                    |      |                    |      |           |      |         |      |
| ACCEPTANCE BY          | DATE |             |      |                    |      |                    |      |           |      |         |      |
| VERIFICATION BY        | DATE |             |      |                    |      |                    |      |           |      |         |      |
| DRAWINGS BY            | DATE |             |      |                    |      |                    |      |           |      |         |      |
| MICRO-FILM INFORMATION |      |             |      |                    |      |                    |      |           |      |         |      |
| RECORDED BY            | DATE |             |      |                    |      |                    |      |           |      |         |      |
| NO.                    |      |             |      |                    |      |                    |      |           |      |         |      |





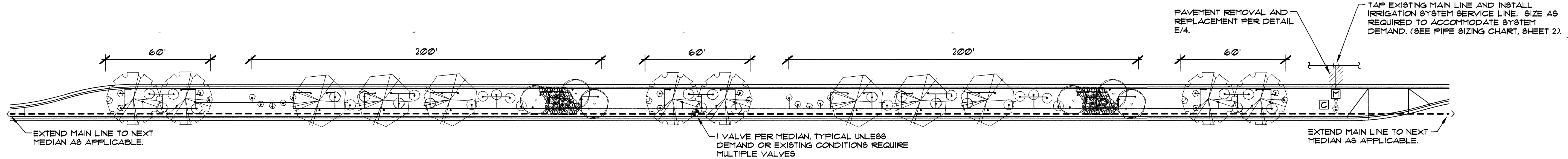


\*Trees designated as "alternate species - wide medians only" shall be installed only in medians of minimum 25' width and 100' length.

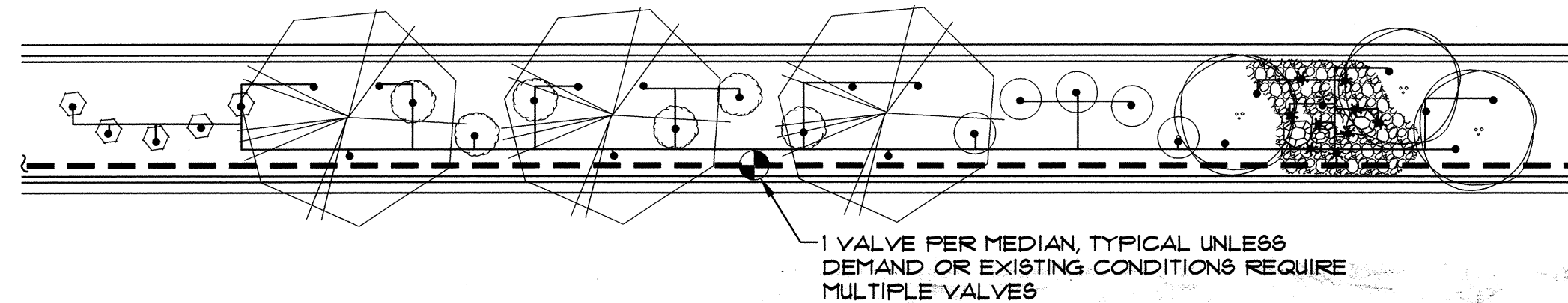


|  |  |  |   |              |  |  |                          |  |             |                  |                 |
|--|--|--|---|--------------|--|--|--------------------------|--|-------------|------------------|-----------------|
|  |  |  |   |              |  |  |                          |  |             |                  |                 |
|   |  |  |   |              |  | <b>MORROW REARDON<br/>WILKINSON MILLER, LTD.,<br/>LANDSCAPE ARCHITECTS</b> |                          |  |             | <b>No.</b>       | <b>DATE</b>     |
| 210 La Veta NE, Albuquerque, NM 87108<br>505.268.2256 FAX 505.265.9557<br><a href="mailto:mrm@mrmwml.com">mrm@mrmwml.com</a>   |  |  |   |              |  |  |                          |  |             | WILSON & COMPANY | DESIGNED BY ECR |
|  |  |  |   |              |  |  |                          |  |             | DRAWN BY         | CHECKED BY      |
|  |  |  |   |              |  |  |                          |  |             | EAC              | FAC             |
| CITY OF ALBUQUERQUE<br>CAPITAL IMPLEMENTATION PROGRAM<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT   |  |  |   |              |  |  |                          |  |             |                  |                 |
| PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C<br>PROTOTYPE H: PLANTING PLAN  |  |  |   |              |  |  |                          |  |             |                  |                 |
| Design Review Committee  |  |  | City Engineer Approval  |              |  | Last Design Update   | Mo./Day/Yr.              |  | Mo./Day/Yr. |                  |                 |
| <br> |  |  |  |              |  |  |                          |  |             |                  |                 |
|  |  |  |   |              |  |  |                          |  |             |                  |                 |
|  |  |  |   |              |  |  |                          |  |             |                  |                 |
|  |  |  |   |              |  |  |                          |  |             |                  |                 |
| City Project No.<br><b>790200</b>  |  |  |   | Zone Map No. |  |  | Sheet<br><b>20 OF 25</b> |  |             |                  |                 |

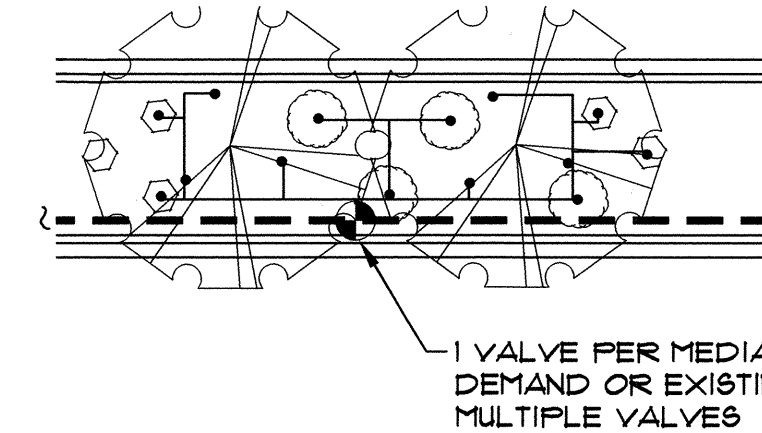




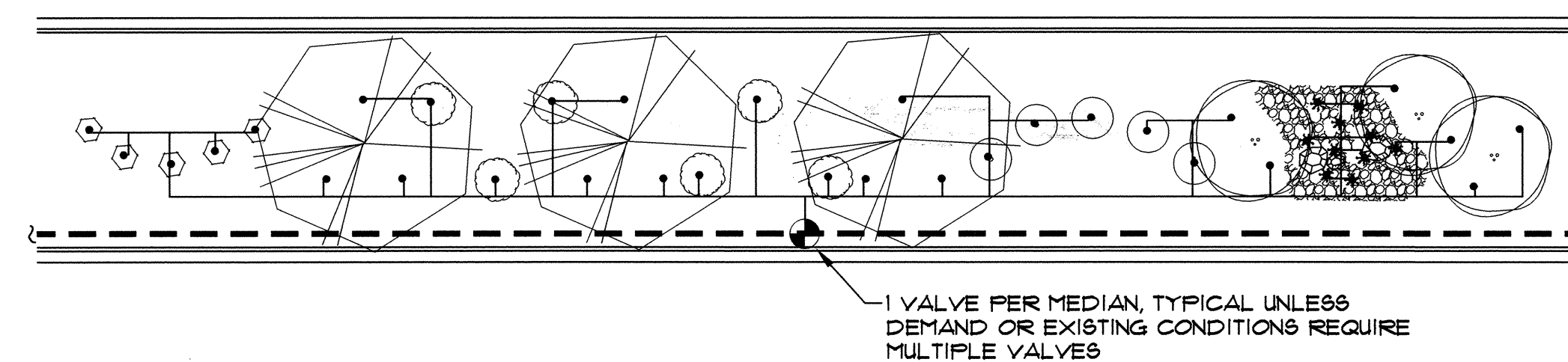
EXAMPLE LAYOUT FOR 16' WIDE MEDIAN (W/ IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE) Scale: 1"=30'



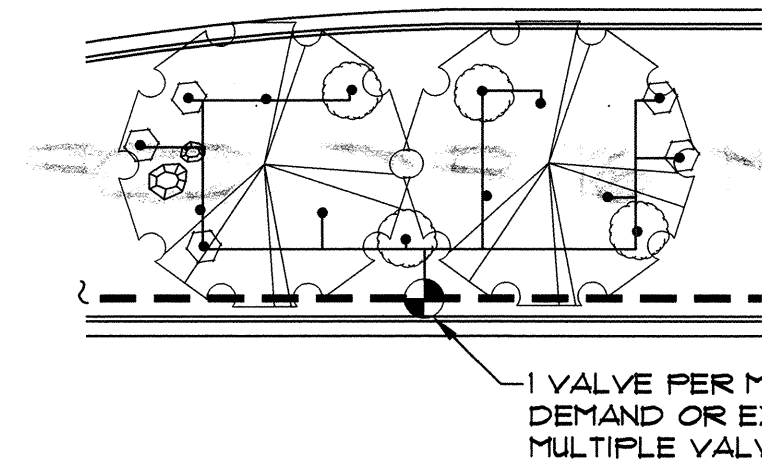
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'





200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'





60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'


#### IRRIGATION LEGEND


-  WATER METER PER COA DUG. 2362 OR 2363. SIZE PER METER SIZING CHART, SHEET 2.


 IRRIGATION MAIN LINE, SCH 40 BELL END, SOLVENT WELD PVC. DEPTH OF SHALL BE BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN LINE AND 18" DEPTH OF BURY FOR NON-CONTINUOUS PRESSURE. SIZE PER PIPE SIZING CHART, SHEET 2.


 LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. DEPTH OF BURY, 18". SIZE PER PIPE SIZING CHART, SHEET 2.

 ISOLATION VALVE ASSEMBLY, SIZE PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2101.


 FEBCO 825YA REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY WITH BALL VALVES, INSTALLED IN HEATED AND INSULATED ENCLOSURE AND MASTER METER INSTALLED IN VALVE BOX PER DETAIL C/4. SIZE OF RP, MASTER VALVE, AND MASTER METER SHALL BE SAME AS LINE SIZE. ENCLOSURE SHALL BE SIZED TO ACCOMMODATE SIZE OF RP AND MASTER VALVE ASSEMBLY.

 REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD FEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE, PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2103. (SIMILAR - SEE IRRIGATION NOTES #25 AND #26, SHEET 2.)

 SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.

 PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS 2110, 2111, 2111-A AND 2112.

| MODEL NO. | GPM | PSI |
|-----------|-----|-----|
| 1401      | 25  | 30  |

 IRRINET AC, IRRINET DC, SCORPIO AC, OR SCORPIO DC, CONTROLLER WITH INTERSPEC ENCLOSURE AND DOMED ANTENNA. UNIT SHALL COMMUNICATE ON C.O.A. RADIO FREQUENCY (WIDE BAND). INSTALL PER DETAILS B/4 AND D/4. COORDINATE WITH CITY PROJECT MANAGER FOR TYPE OF CONTROLLER. SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF REMOTE CONTROL VALVES AND MASTER VALVE.

#### PROTOTYPE H GPM

|                       |    |
|-----------------------|----|
| STANDARD 200' POD:    | 11 |
| STANDARD 50' POD:     | 4  |
| WIDE MEDIAN 200' POD: | 11 |
| WIDE MEDIAN 50' POD:  | 4  |


#### IRRIGATION NOTES

- SEE SHEET 2 FOR GENERAL IRRIGATION NOTES.
- CONTRACTOR SHALL SIZE THE IRRIGATION COMPONENTS IN ACCORDANCE WITH THE IRRIGATION SIZING CRITERIA, SHEET 2.
- BUBBLERS ARE SHOWN DIRECTLY ON TOP OF SHRUBS FOR CLARITY OF DESIGN ONLY. BUBBLERS SHALL BE LOCATED 12" FROM THE SHRUB ROOT BALL.
- UNIT PRICE BID ITEM FOR EACH POD INCLUDES BUBBLERS AND RELATED INCIDENTAL COMPONENTS ONLY. BALANCE OF IRRIGATION COMPONENTS (MAIN LINE, WIRE, BACKFLOW PREVENTER, GATE VALVE, METER, TAP, SERVICE LINE, CONTROL VALVES & LATERAL LINES) ARE BID AS SEPARATE UNIT BID ITEMS. FITTINGS AND OTHER IRRIGATION COMPONENTS REQUIRED TO INSTALL INDIVIDUAL BID ITEMS SHALL BE INCIDENTAL TO THE WORK AND INCLUDED AT NO ADDITIONAL COST TO THE OWNER.

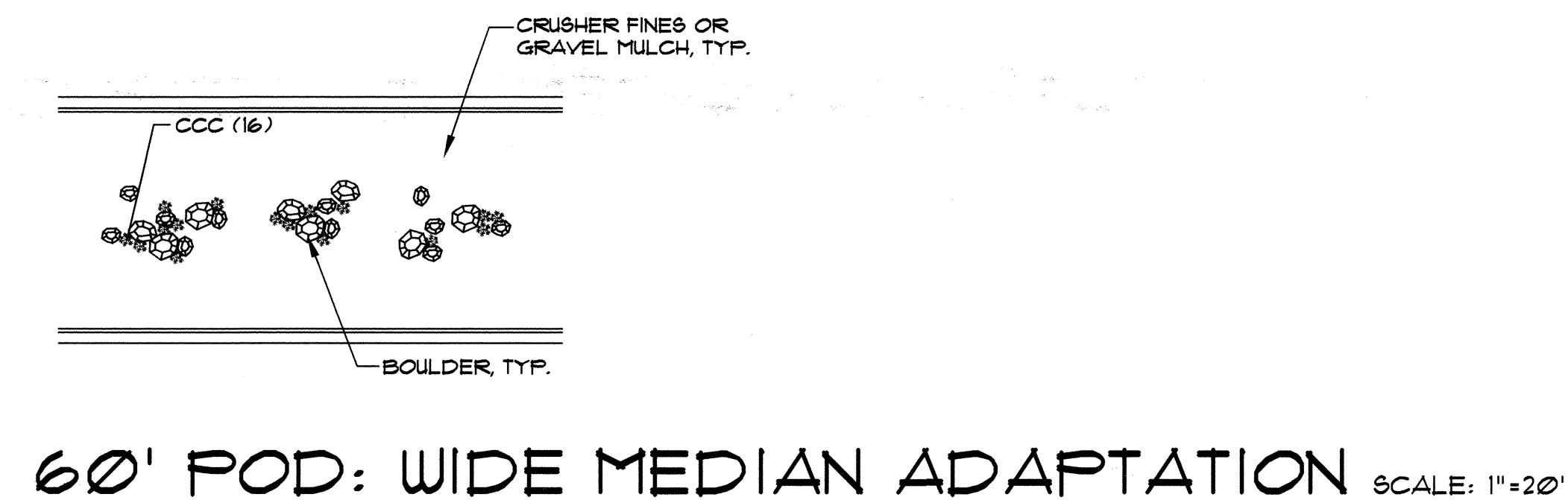


CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE H: IRRIGATION PLAN

| Design Review Committee                            | City Engineer Approval                   | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|--|--|--------------------|-------------|-------------|
| APPROVED<br>AUG 24 2006<br>DESIGN REVIEW COMMITTEE | APPROVED<br>AUG 25 2006<br>CITY ENGINEER |                    |             |             |
| City Project No.<br>790200                         | Zone Map No.                             | Sheet<br>21 OF 25  |             |             |

| AS-BUILT INFORMATION |      | BENCH MARKS |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL  |             |
|----------------------|------|-------------|------|--------------------|------|---|-------------|
| CONTRACTOR           | DATE | NO.         | DATE | NO.                | DATE |  |             |
| INSPECTOR'S          | DATE | NO.         | DATE | NO.                | DATE |   |             |
| FIELD TIME BY        | DATE | NO.         | DATE | NO.                | DATE | REVISIONS   | BY          |
| VERIFICATION BY      | DATE | NO.         | DATE | NO.                | DATE | WILSON & COMPANY, ENGINEERS & ARCHITECTS  |             |
| CONTRACTOR'S         | DATE | NO.         | DATE | NO.                | DATE | DESIGNED BY   | DATE        |
| NO.                  | DATE | NO.         | DATE | NO.                | DATE | EAC/MAK   | AUGUST 2006 |
|                      |      | NO.         |      | NO.                |      | CHECKED BY  | DATE        |
|                      |      | NO.         |      | NO.                |      | ECR   | AUGUST 2006 |





4" DEPTH MULCH

12"

12"

MAX. 8"

MAX. 10:1 SLOPE

2" FROM T.O.C. TO TOP OF MULCH

LEVEL AREA • B.O.C. (TYP. BOTH SIDES)

18"

LEVEL AREA • BOTTOM OF SLOPE

## MEDIAN SECTION

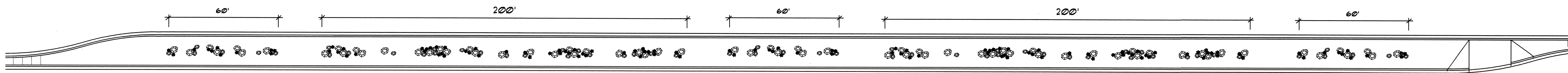
MEDIAN-SECTION-A.DWG

042403

$3/8" = 1'-0"$

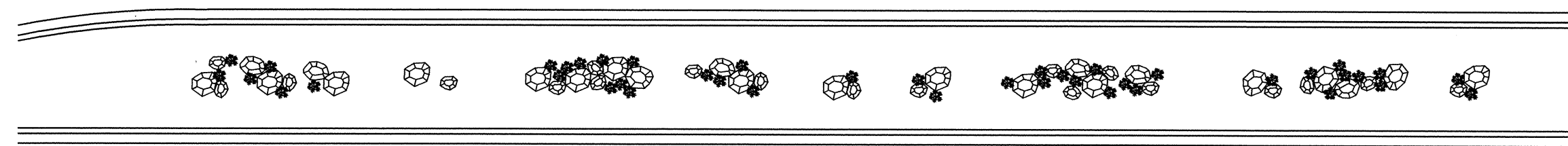
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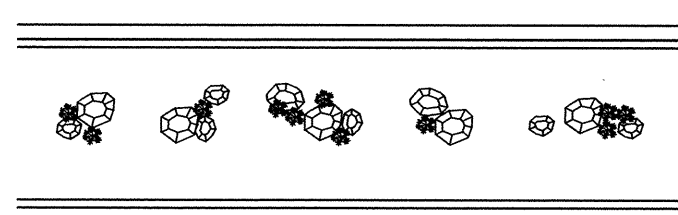
NOTE: NO IRRIGATION EQUIPMENT FOR PROTOTYPE I

Scale: 1"=30'



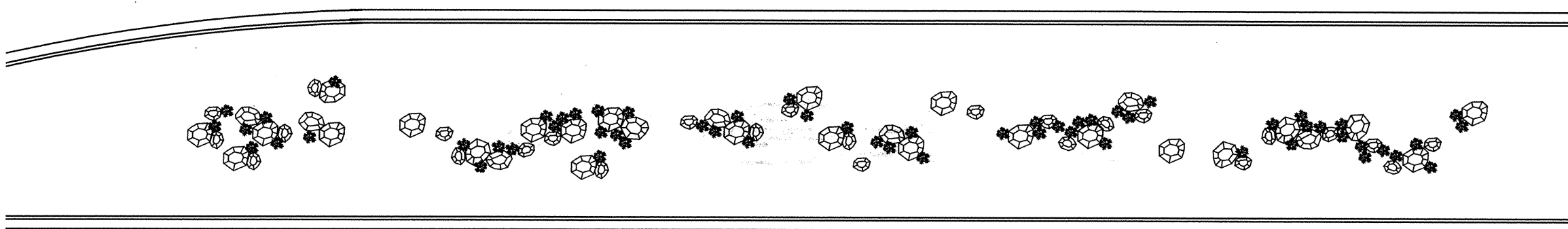
200' POD: TYP. 16' MEDIAN

Scale: 1"=20'



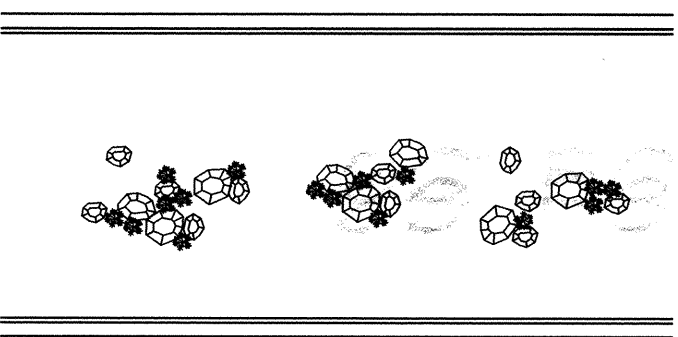
60' POD: TYP. 16' MEDIAN

Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION

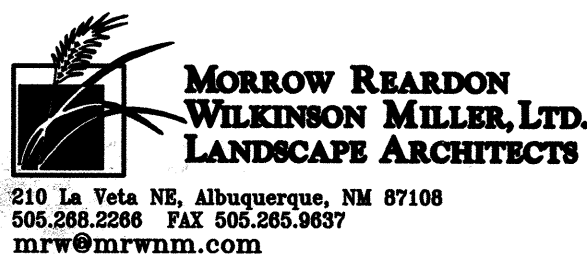
Scale: 1"=20'




60' POD: WIDE MEDIAN ADAPTATION

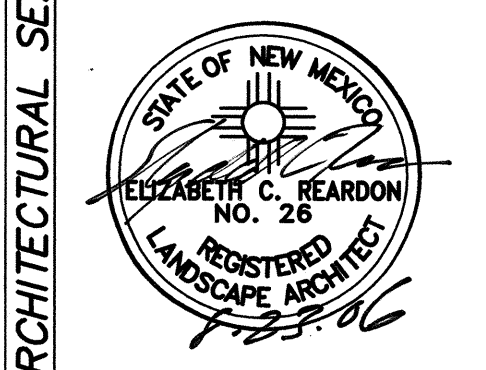
Scale: 1"=20'

NOTE:  
NO IRRIGATION EQUIPMENT  
REQUIRED FOR THIS PROTOTYPE.  
CACTI SHALL BE HAND WATERED  
ONE (1) TIME IMMEDIATELY  
FOLLOWING INSTALLATION. NO  
ADDITIONAL IRRIGATION REQUIRED.

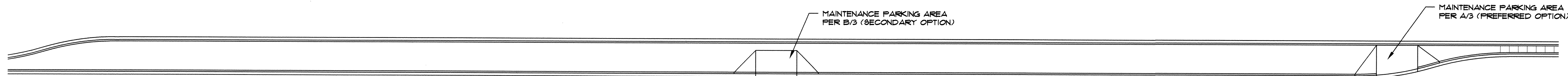


|   |  |  |                            |
|---|--|--|----------------------------|
|  |  | CITY OF ALBUQUERQUE<br>CAPITAL IMPLEMENTATION PROGRAM<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT |                            |
| PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C<br>PROTOTYPE I: IRRIGATION PLAN       |  |  |                            |
| Design Review Committee<br>APPROVED<br>AUG 24 2006<br>DESIGN REVIEW COMMITTEE         | City Engineer Approval<br>APPROVED<br>AUG 25 2006<br>CITY ENGINEER | Last Design Update   | Mo./Day/Yr.<br>Mo./Day/Yr. |
| City Project No.<br>790200  | Zone Map No.   | Sheet<br>23 OF 25  |                            |

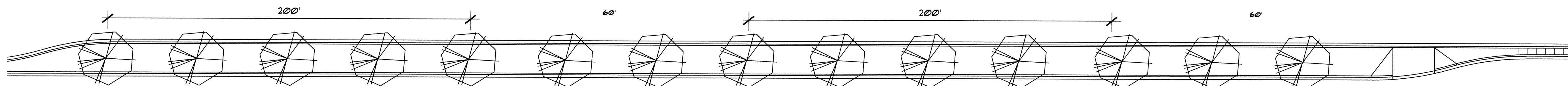
| SURVEY INFORMATION |             | BENCH MARKS |      | AS-BUILT INFORMATION |      |
|--------------------|-------------|-------------|------|----------------------|------|
| NO.                | FIELD NOTES | CONTRACTOR  | DATE | WORK                 | DATE |
|                    | BY          |             |      | INSPECTED BY         | DATE |
|                    |             |             |      | ACCEPTANCE BY        | DATE |
|                    |             |             |      | VERIFICATION BY      | DATE |
|                    |             |             |      | DRAWINGS BY          | DATE |
|                    |             |             |      | RECORDED BY          | DATE |
|                    |             |             |      | NO.                  |      |

| ARCHITECTURAL SEAL  |  | REVISIONS                                |                  |
|---|--|--|------------------|
|  |  | NO.                                      | DATE             |
|   |  | REMARKS                                  | BY               |
|   |  | WILSON & COMPANY, ENGINEERS & ARCHITECTS |                  |
|   |  | DESIGNED BY ECR/NAK                      | DATE AUGUST 2006 |
|   |  | DRAWN BY EAC/NAK                         | DATE AUGUST 2006 |
|   |  | CHECKED BY ECR                           | DATE AUGUST 2006 |

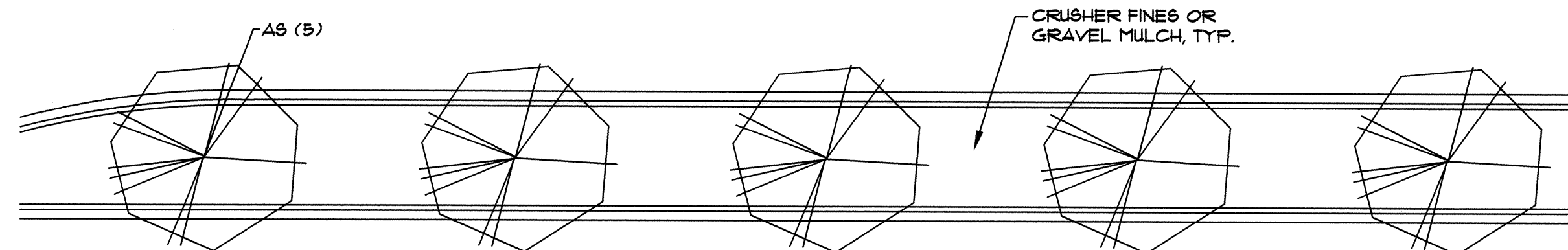




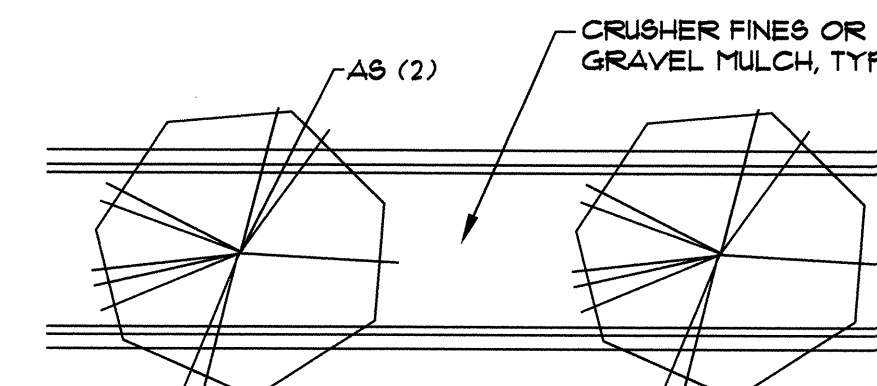
TYPICAL FOR EACH TYPE OF MAINTENANCE DRIVE PAD LOCATION ON 16' WIDE MEDIAN Scale: 1"=30'



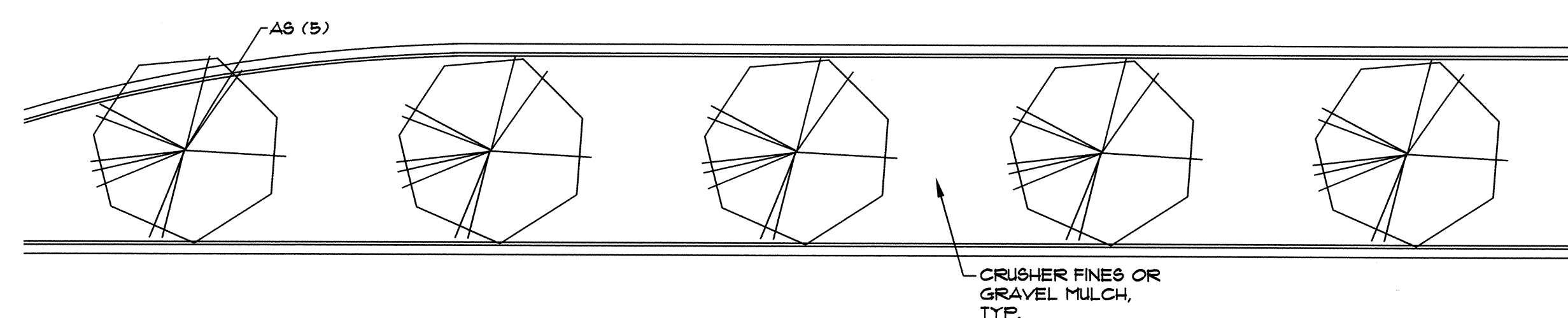
EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN) Scale: 1"=30'



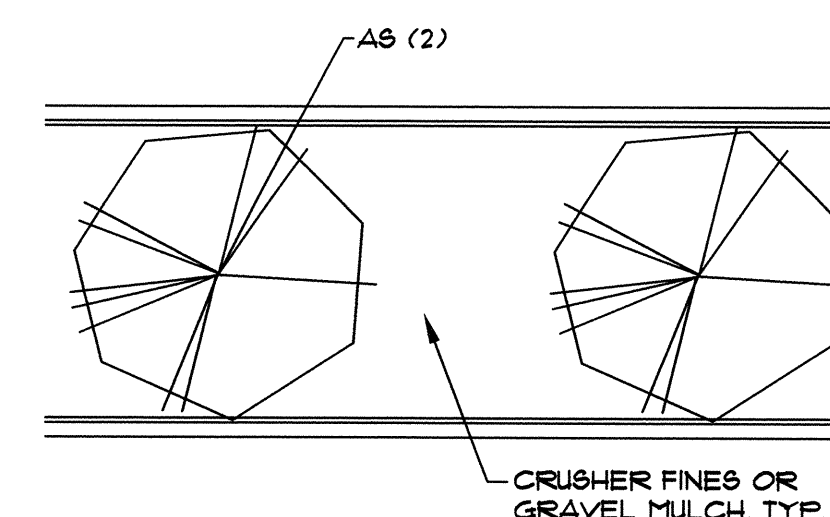
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'

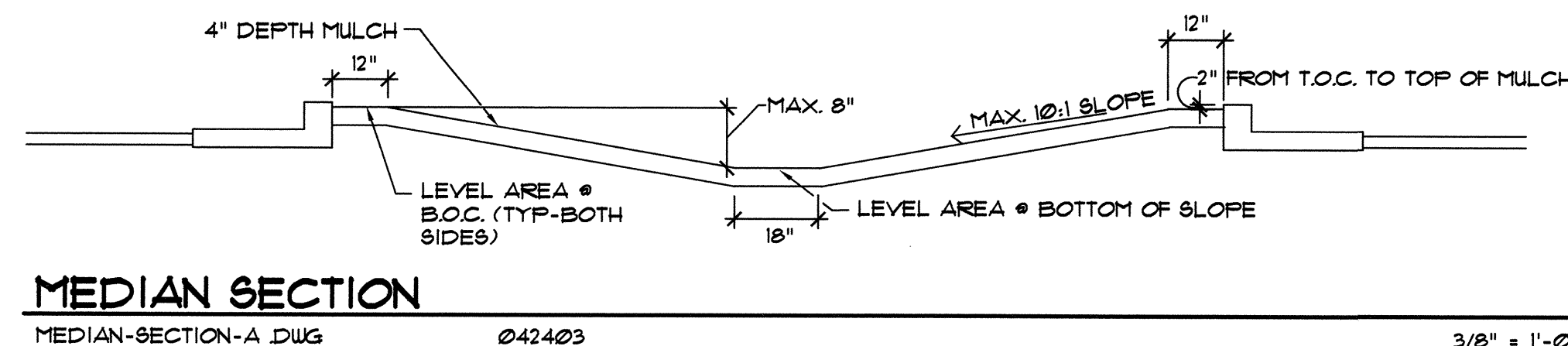


200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

| PLANT LEGEND (See Master Plant List, Sheet 5 for Complete Plant Sizing Information) |                  |   |                 |                |                      |                     |
|---|------------------|---|-----------------|----------------|----------------------|---------------------|
| SYMBOL  | COMMON NAME      | ALTERNATIVE SPECIES                               | QTY. (200' POD) | QTY. (50' POD) | QTY. (WIDE 200' POD) | QTY. (WIDE 50' POD) |
| SHADE TREES   |                  |   |                 |                |                      |                     |
| AS  | Arizona Sycamore | Autumn Purple Ash<br>Honey Locust<br>Lacebark Elm | 5               | 2              | 5                    | 2                   |



MEDIAN SECTION  
MEDIAN-SECTION-A DWG 042403 3/8" = 1'-0"



CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE J: PLANTING PLAN

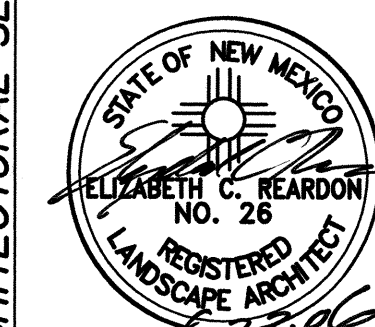
Design Review Committee  
APPROVED  
AUG 24 2006  
DESIGN REVIEW COMMITTEE

City Engineer Approval  
APPROVED  
AUG 25 2006  
CITY ENGINEER

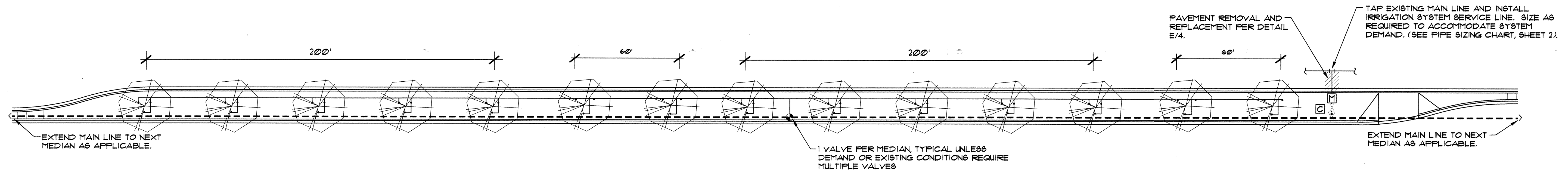
Last Design Update  
Mo./Day/Yr.  
Mo./Day/Yr.

City Project No. 790200 Zone Map No. Sheet 24 OF 25

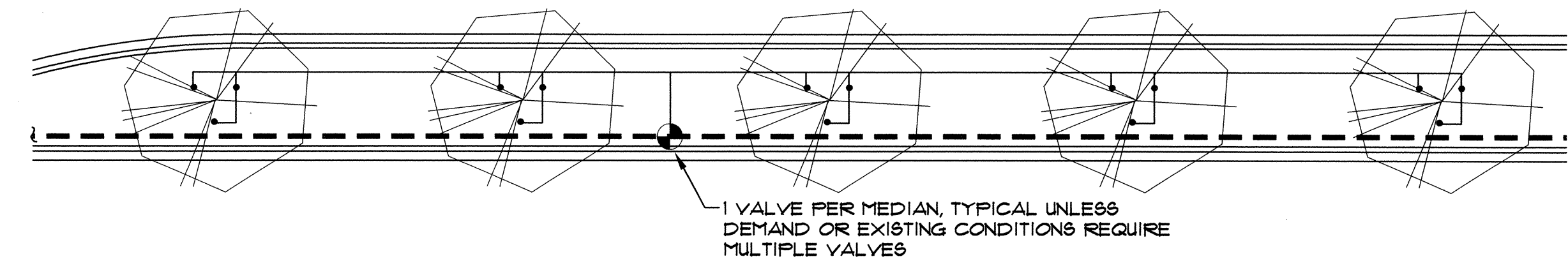
| AS-BUILT INFORMATION   |      | BENCH MARKS |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL |      | REVISIONS |      | BY  |      |
|------------------------|------|-------------|------|--------------------|------|--------------------|------|-----------|------|-----|------|
| CONTRACTOR             | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| WORK BY                | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| INSPECTOR'S            | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| ACCEPTANCE BY          | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| VERIFICATION BY        | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| DRAWN BY               | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| RECORDED BY            | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO. | DATE |
| MICRO-FILM INFORMATION |      |             |      |                    |      |                    |      |           |      |     |      |



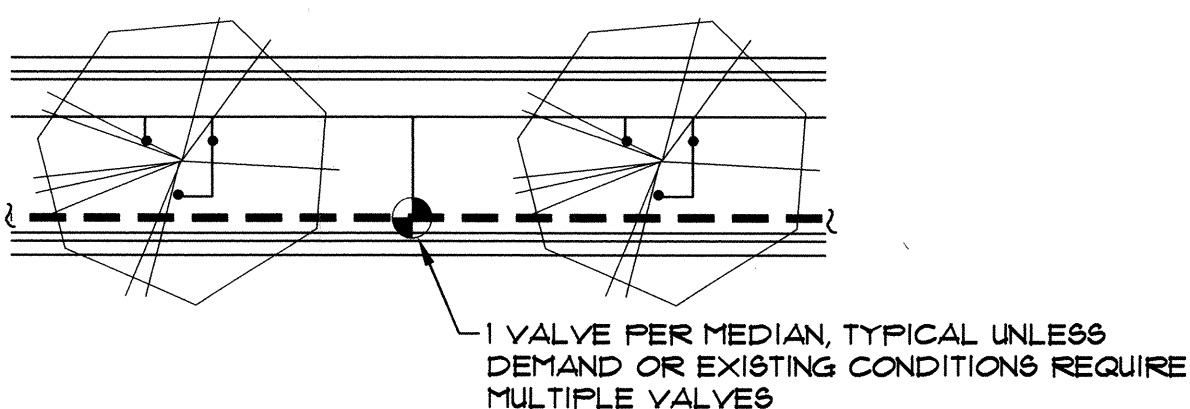




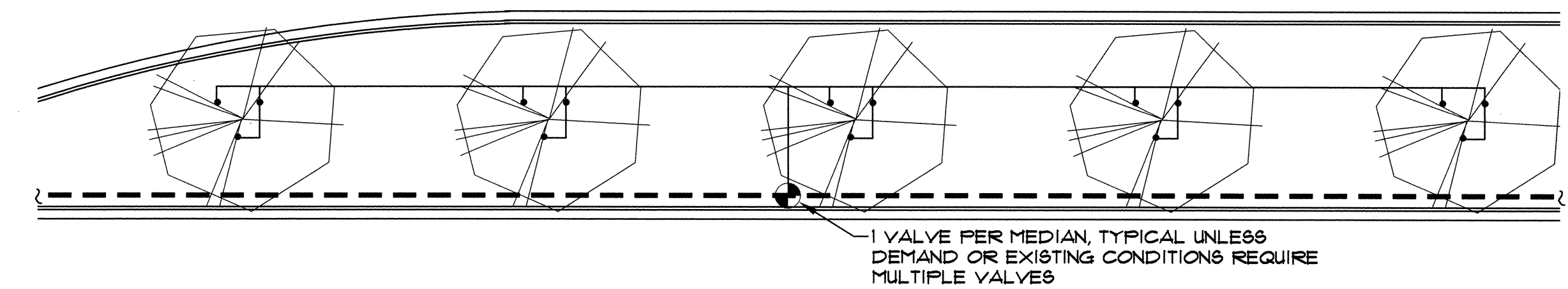
EXAMPLE LAYOUT FOR 16' WIDE MEDIAN (W/ IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE) Scale: 1"=30'



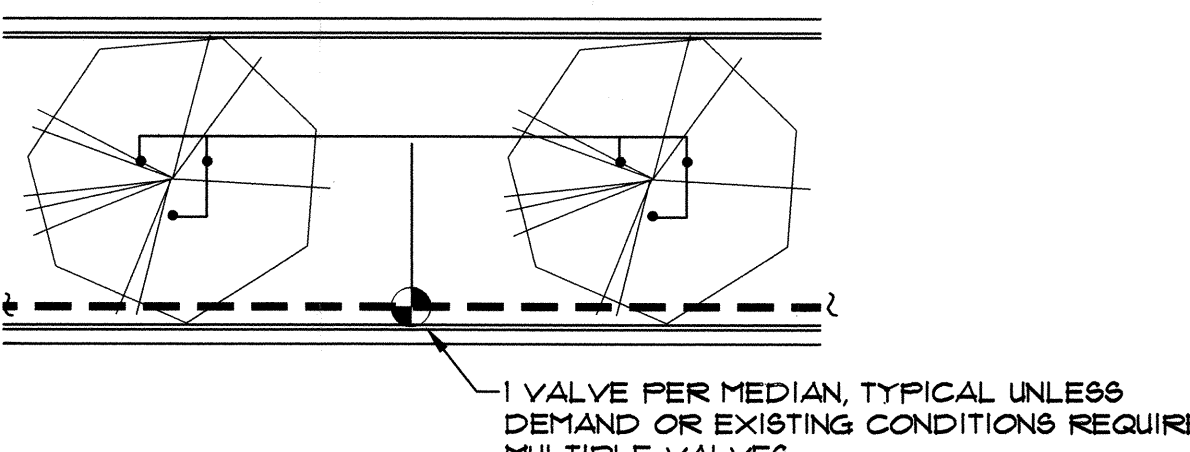
200' POD: TYP. 16' MEDIAN Scale: 1"=20'



60' POD: TYP. 16' MEDIAN Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'



60' POD: WIDE MEDIAN ADAPTATION Scale: 1"=20'

#### IRRIGATION LEGEND

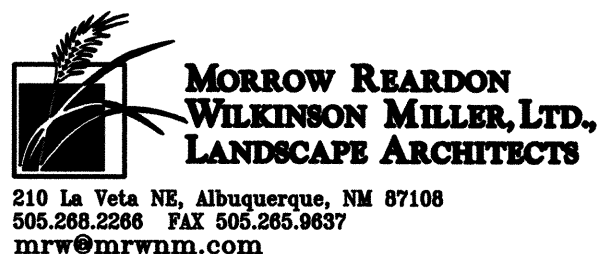
- [M] WATER METER PER COA DUG. 2362 OR 2363. SIZE PER METER SIZING CHART, SHEET 2.
- IRRIGATION MAIN LINE, SCH 40 BELL END, SOLVENT WELD PVC. DEPTH OF SHALL BE BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN LINE AND 18" DEPTH OF BURY FOR NON-CONTINUOUS PRESSURE. SIZE PER PIPE SIZING CHART, SHEET 2.
- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. DEPTH OF BURY, 18". SIZE PER PIPE SIZING CHART, SHEET 2.
- [X] ISOLATION VALVE ASSEMBLY, SIZE PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2101.
- [P] FEBCO 825YA REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY WITH BALL VALVES, INSTALLED IN HEATED AND INSULATED ENCLOSURE AND MASTER METER INSTALLED IN VALVE BOX PER DETAIL C/4. SIZE OF RP, MASTER VALVE, AND MASTER METER SHALL BE SAME AS LINE SIZE. ENCLOSURE SHALL BE SIZED TO ACCOMMODATE SIZE OF RP AND MASTER VALVE ASSEMBLY.
- [R] REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD FEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE, PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2103. (SIMILAR - SEE IRRIGATION NOTES #25 AND #26, SHEET 2.)
- [C] SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS 2110, 2111, 2111-A AND 2112.
- MODEL NO. GPM PSI
- 1401 25 30
- [I] IRRINET AC, IRRINET DC, SCORPIO AC, OR SCORPIO DC, CONTROLLER WITH INTERSPEC ENCLOSURE AND DOMED ANTENNA. UNIT SHALL COMMUNICATE ON C.O.A. RADIO FREQUENCY (WIDE BAND). INSTALL PER DETAILS B/4 AND D/4. COORDINATE WITH CITY PROJECT MANAGER FOR TYPE OF CONTROLLER. SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF REMOTE CONTROL VALVES AND MASTER VALVE.

#### PROTOTYPE J GPM

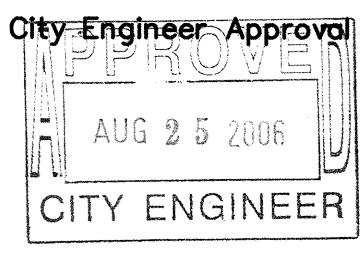
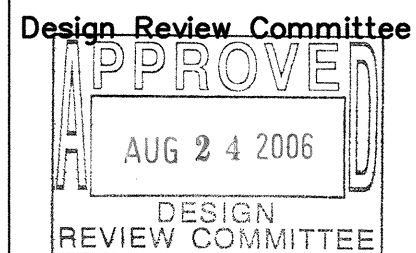
|                       |   |
|-----------------------|---|
| STANDARD 200' POD:    | 4 |
| STANDARD 50' POD:     | 2 |
| WIDE MEDIAN 200' POD: | 4 |
| WIDE MEDIAN 50' POD:  | 2 |

#### IRRIGATION NOTES

- SEE SHEET 2 FOR GENERAL IRRIGATION NOTES.
- CONTRACTOR SHALL SIZE THE IRRIGATION COMPONENTS IN ACCORDANCE WITH THE IRRIGATION SIZING CRITERIA, SHEET 2.
- BUBBLERS ARE SHOWN DIRECTLY ON TOP OF SHRUBS FOR CLARITY OF DESIGN ONLY. BUBBLERS SHALL BE LOCATED 12" FROM THE SHRUB ROOT BALL.
- UNIT PRICE BID ITEM FOR EACH POD INCLUDES BUBBLERS AND RELATED INCIDENTAL COMPONENTS ONLY. BALANCE OF IRRIGATION COMPONENTS (MAIN LINE, WIRE, BACKFLOW PREVENTER, GATE VALVE, METER, TAP, SERVICE LINE, CONTROL VALVES & LATERAL LINES) ARE BID AS SEPARATE UNIT BID ITEMS. FITTINGS AND OTHER IRRIGATION COMPONENTS REQUIRED TO INSTALL INDIVIDUAL BID ITEMS SHALL BE INCIDENTAL TO THE WORK AND INCLUDED AT NO ADDITIONAL COST TO THE OWNER.



CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
PROTOTYPE MEDIAN & INTERSTATE LANDSCAPES FY-06C  
PROTOTYPE J: IRRIGATION PLAN



City Project No.  
790200

Zone Map No.

Sheet  
25 OF 25

| AS-BUILT INFORMATION      |      | BENCH MARKS |      | SURVEY INFORMATION |      | ARCHITECTURAL SEAL |      | REVISIONS |      | REMARKS |      |
|---------------------------|------|-------------|------|--------------------|------|--------------------|------|-----------|------|---------|------|
| CONTRACTOR                | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| WORKED BY                 | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| INSPECTOR'S ACCEPTANCE BY | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| VERIFICATION BY           | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| DRAWING NO.               | DATE | NO.         | DATE | NO.                | DATE | NO.                | DATE | NO.       | DATE | NO.     | DATE |
| MICRO-FILM INFORMATION    |      | RECORDED BY |      | DATE               |      | NO.                |      | DATE      |      | NO.     |      |
|                           |      |             |      |                    |      |                    |      |           |      |         |      |

