

March 2005

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION



ON-CALL PROTOTYPE MEDIAN AND
INTERSTATE LANDSCAPES FY-04A

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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 CONTRACTOR 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.



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
LANDSCAPE ARCHITECT'S SEAL		APPROVALS		ENGINEER	DATE	*****	
		DRC CHAIRMAN			3-15-05	APPROVED FOR CONSTRUCTION	
		TRANSPORTATION			3-15-05		
		WATER/WASTEWATER			3-15-05		
		HYDROLOGY			3-15-05		
		PARKS & RECREATION			3-15-05		
		CONSTR. COORD.					
		ENV. HEALTH					
		City Project Number		754500		Sheet Of	
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GENERAL NOTES

1. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL VERIFY THE FOLLOWING WITH THE CITY PROJECT MANAGER:
- A. EXISTING WATER PRESSURE (SEE IRRIGATION NOTE #13).
 - B. ELEVATION DIFFERENCE (SEE IRRIGATION NOTE #13).
 - C. TYPE OF CONTROLLER TO BE INSTALLED.
 - D. TYPE OF FLOW METER TO BE INSTALLED.
 - E. RESULTS OF SOIL TEST, IF ANY, TO DETERMINE PRESENCE OF SOIL STERILANTS.
 - F. RESULTS OF BORING TESTS, IF ANY, TO DETERMINE PRESENCE OF SUBSURFACE DEBRIS.
 - G. REQUIRED CLEAR ZONE AT BACK OF CURB (AREA FREE OF PLANTS AND OTHER IMPROVEMENTS) (SEE PLANTING NOTE #6).
 - H. 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.
 - I. PROTOTYPE SELECTION AND LAYOUT.
 - J. TYPE AND COLOR OF MULCH(ES) TO BE INSTALLED.
 - K. TYPE OF PAVING TO BE CONSTRUCTED.
 - L. OBTAIN A COPY OF THE WORK ORDER PLAN FOR USE IN PREPARATION OF RECORD DRAWINGS.
 - M. QUANTITY OF PROJECT SIGNS.
2. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL PERFORM THE FOLLOWING:
- A. 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. SAMPLES SHALL BE SUBMITTED TO A LICENSED 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.
 - B. 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 POD IS FLUSH WITH TOP OF ADJACENT CURB. SOIL TO BE REMOVED WITHIN A POD 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 OF MEDIANS. FILTER FABRIC SHALL BE MINIMUM FOUR OUNCE WOVERN 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:
- A. WHERE PLANTING PLANS SPECIFY 'CRUSHER FINES OR GRAVEL MULCH', CRUSHER FINES SHALL BE MOUNTAIN ROSE 1/4" MINUS OR EQUAL AND GRAVEL SHALL BE 3/4"-1" MOUNTAIN ROSE SUBANGULAR GRAVEL OR EQUAL.
FOR BIDDING PURPOSES ABOVE MULCH SHALL BE 3/4"-1" MOUNTAIN ROSE SUBANGULAR GRAVEL OR EQUAL.
 - B. WHERE PLANTING PLANS SPECIFY 'COBBLE MULCH', MULCH SHALL BE 2"-4" MOUNTAIN ROSE COBBLE OR EQUAL.
- 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:
- A. STANDARD GRAY, BROOM FINISH CONCRETE
 - B. COLORED, BROOM FINISH CONCRETE
 - C. COLORED, STAMPED CONCRETE
 - D. SPECIALTY SCORED PATTERN IN STANDARD GREY CONCRETE WITH BROOM FINISH
 - E. SPECIALTY SCORED PATTERN IN COLORED CONCRETE WITH BROOM FINISH
 - F. 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, 1.5 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. WHERE CONTRACTOR INSTALLS NEW MEDIAN NOSE CURB, CONTRACTOR SHALL PAINT CURB WITH TWO COATS YELLOW TRAFFIC PAINT.
10. BOULDERS SHALL BE 18 CF TO 24 CF OF 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:
- A. INSTALL ONE CONTROLLER CHART IN CONTROLLER ENCLOSURE. SUBMIT TWO CONTROLLER CHARTS TO PARK MANAGEMENT.
 - B. HAVE BACKFLOW PREVENTER TESTED, INSPECTED AND TAGGED WITH APPROVAL.
 - C. PROVIDE A STATEMENT SHOWING THAT THE WATER BILL FOR THE PROJECT HAS BEEN PAID IN FULL BY THE CONTRACTOR.
 - D. 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 MYLAR IN ACCORDANCE WITH THE C.O.A. D.P.M. CHAPTER 27 WITH AN ELECTRONIC FILE ON AUTOCAD.
 - 1. INCLUDE SQUARE FOOTAGE OF PROJECT.
 - 2. INCLUDE LIST OF PLANTS INSTALLED AND QUANTITY OF EACH.
 - 3. INCLUDE WATER METER ADDRESS.
 - 4. 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 P.M. AND 5:00 A.M. ONLY.

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 'AR' OR EQUAL AIR RELIEF VALVE SHALL BE INSTALLED AT LOW POINT OF MAIN LINE.
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 ACCOMODATE 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 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 'HOTROK' INSULATED ENCLOSURE WITH HINGED LID AND CLASP FOR LOCK (LOCK BY OWNER).
20. CONTROLLER SHALL BE ONE OF THE FOLLOWING:
- a. IF THERE IS AN EXISTING IRRINET WITHIN COMMUNICATION RANGE OF THE PROJECT SITE, THE CONTROLLER SHALL BE A SCORPIO CONTROLLER.
 - b. IF THERE IS NOT AN EXISTING IRRINET WITHIN COMMUNICATION RANGE OF THE PROJECT SITE, THE CONTROLLER SHALL BE AN IRRINET CONTROLLER WITH KEYPAD.
 - c. IF THERE IS NO ELECTRICAL POWER AVAILABLE FOR THE PROJECT SITE, A SOLAR POWERED CONTROLLER WITH COMPLETE SOLAR ASSEMBLY SHALL BE INSTALLED.
- CONTRACTOR SHALL VERIFY CONTROLLER TYPE WITH THE CITY PROJECT MANAGER.
- A CONTROLLER KEY PAD SHALL BE PROVIDED WITH EACH IRRINET CONTROLLER.
21. 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. - 75 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 @ 17' 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 (N.E.C.) 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 PNM STD DWG. DS-19-77.1.
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. 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".

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"
> 50-70	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	4.2	2.3

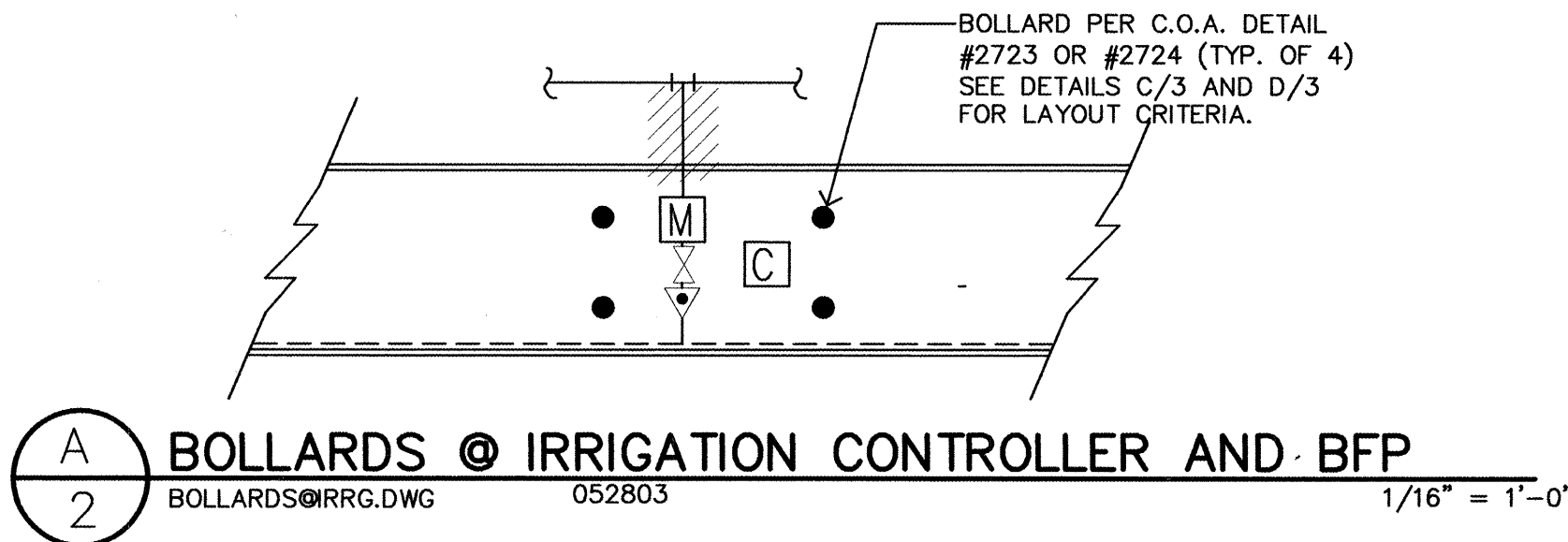
EXTENDED WARRANTY

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.

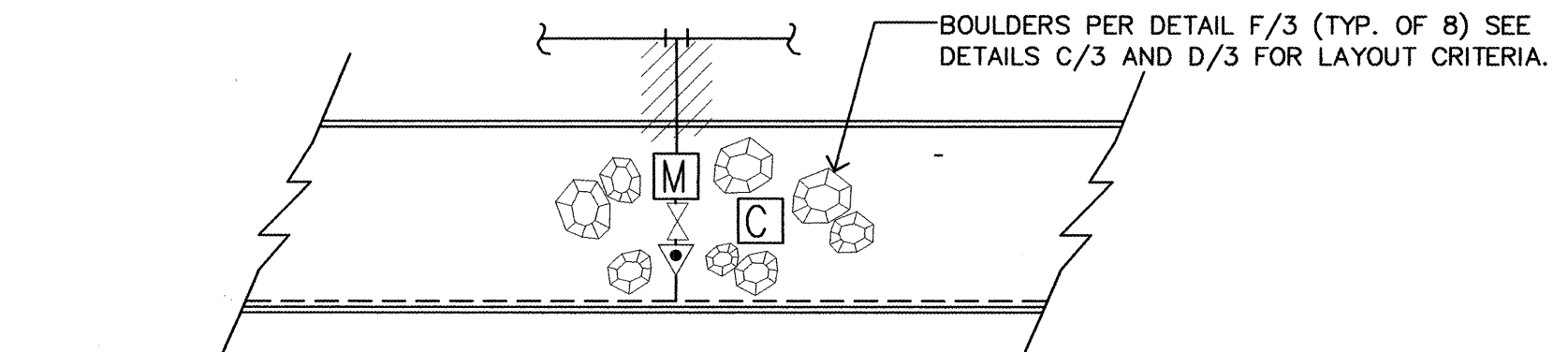
WARRANTY ON IRRIGATION SYSTEM SHALL INCLUDE REPLACEMENT OF DEFECTIVE MATERIALS AND/OR WORKMANSHIP. REPAIR OF DAMAGE DUE TO LINE BREAKS CAUSED BY DEFECTIVE MATERIAL AND/OR WORKMANSHIP. SEASONAL PROGRAMMING OF THE CONTROLLER, ADJUSTMENT OF HEADS, REPAIR OF ANY SETTLEMENT OF TRENCHES, AND GENERAL MONITORING 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), RESETTING 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 DURING CONSTRUCTION AND DURING THE TWO YEAR WARRANTY.



A
2
BOLLARDS @ IRRIGATION CONTROLLER AND BFP
BOLLARDS@IRRG.DWG 052803 1/16" = 1'-0"



B
2
BOULDERS @ IRRIGATION CONTROLLER AND BFP
BOULDERS@IRRG.DWG 052803 1/16" = 1'-0"

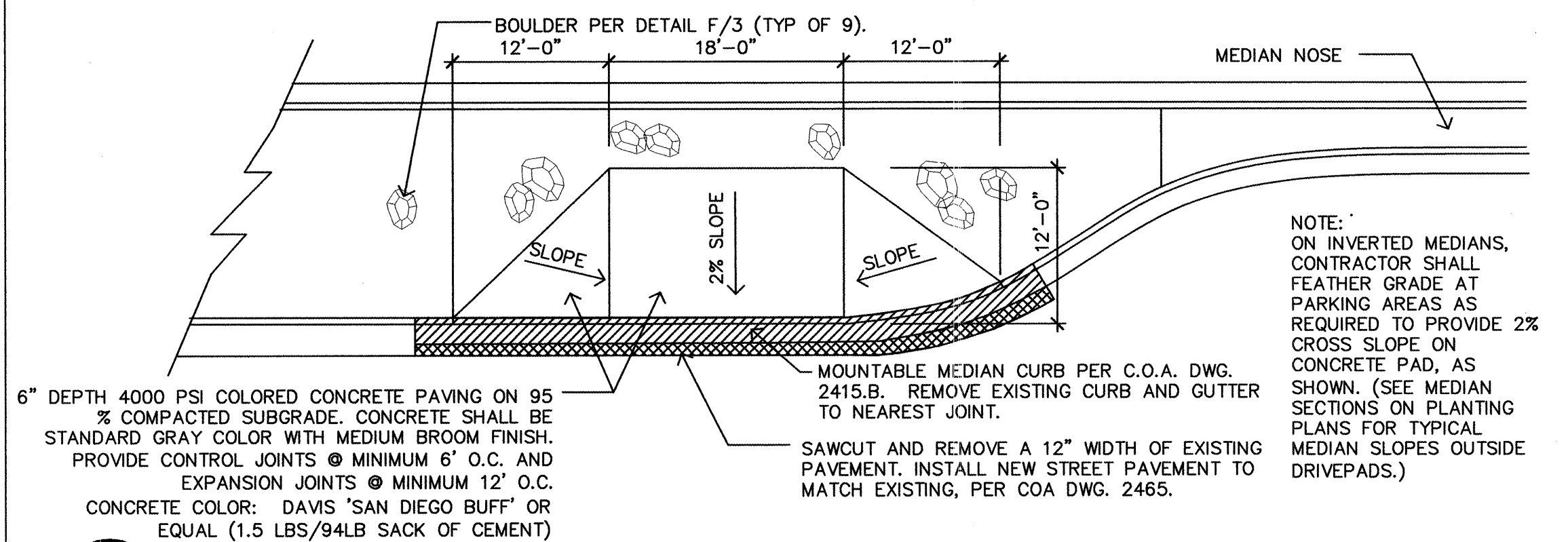


CITY OF ALBUQUERQUE
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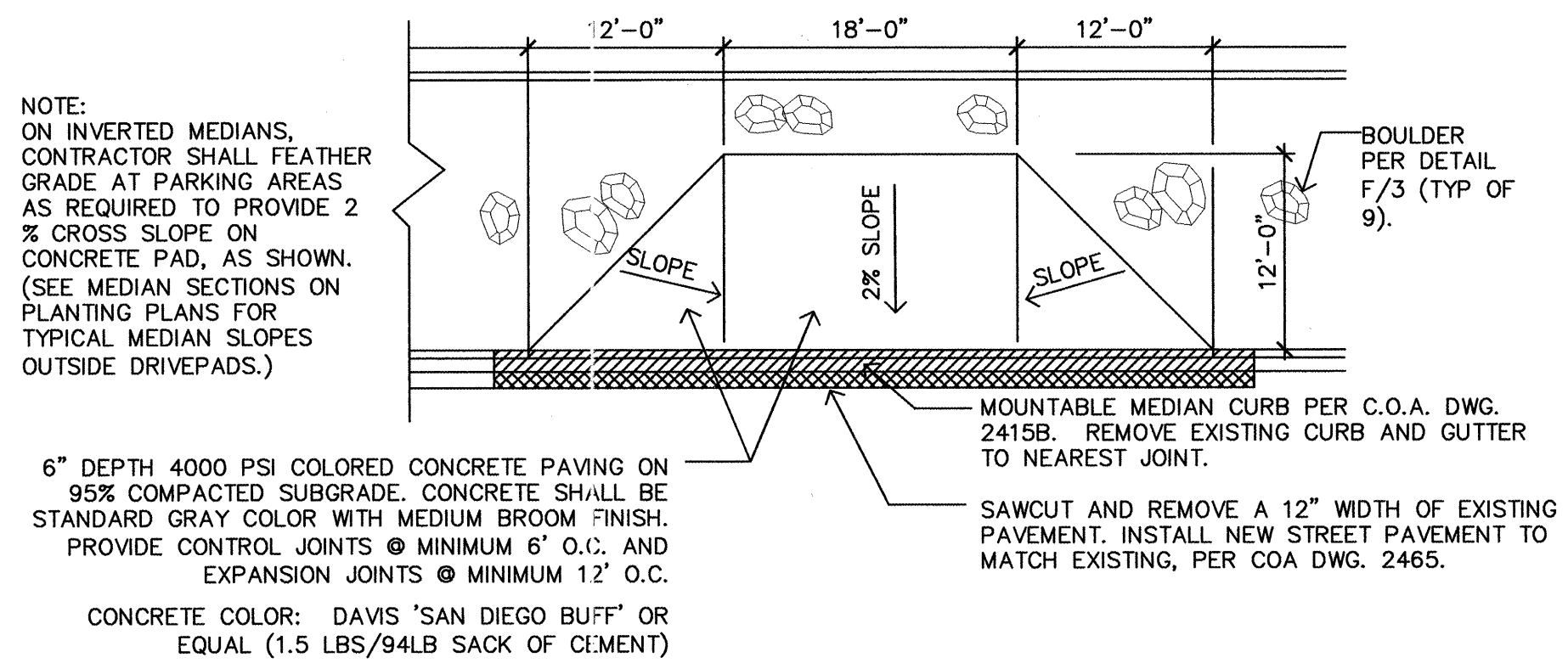
PROTOTYPE MEDIAN LANDSCAPES FY-04A

NOTES AND DETAILS

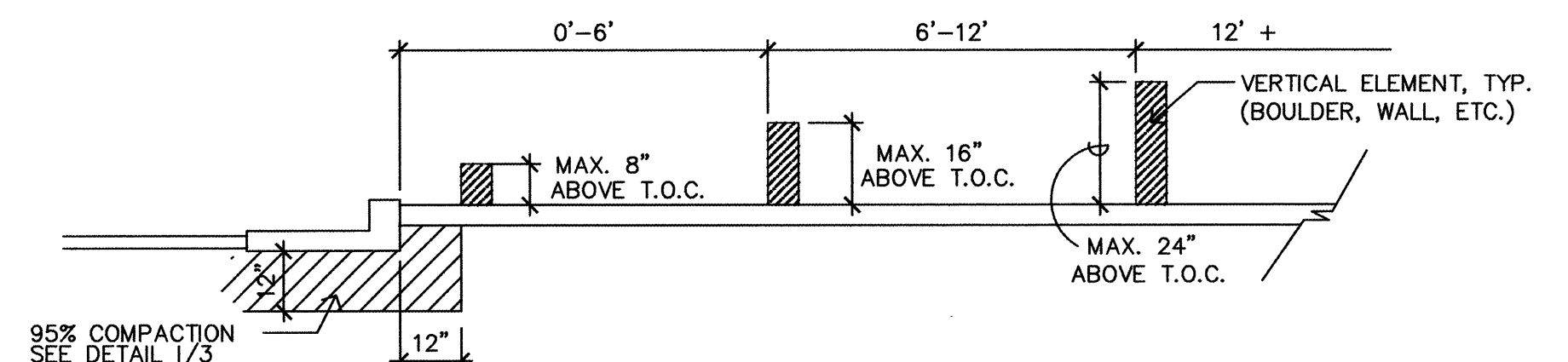
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 754500	Zone Map No.	Sheet	2 of 25	



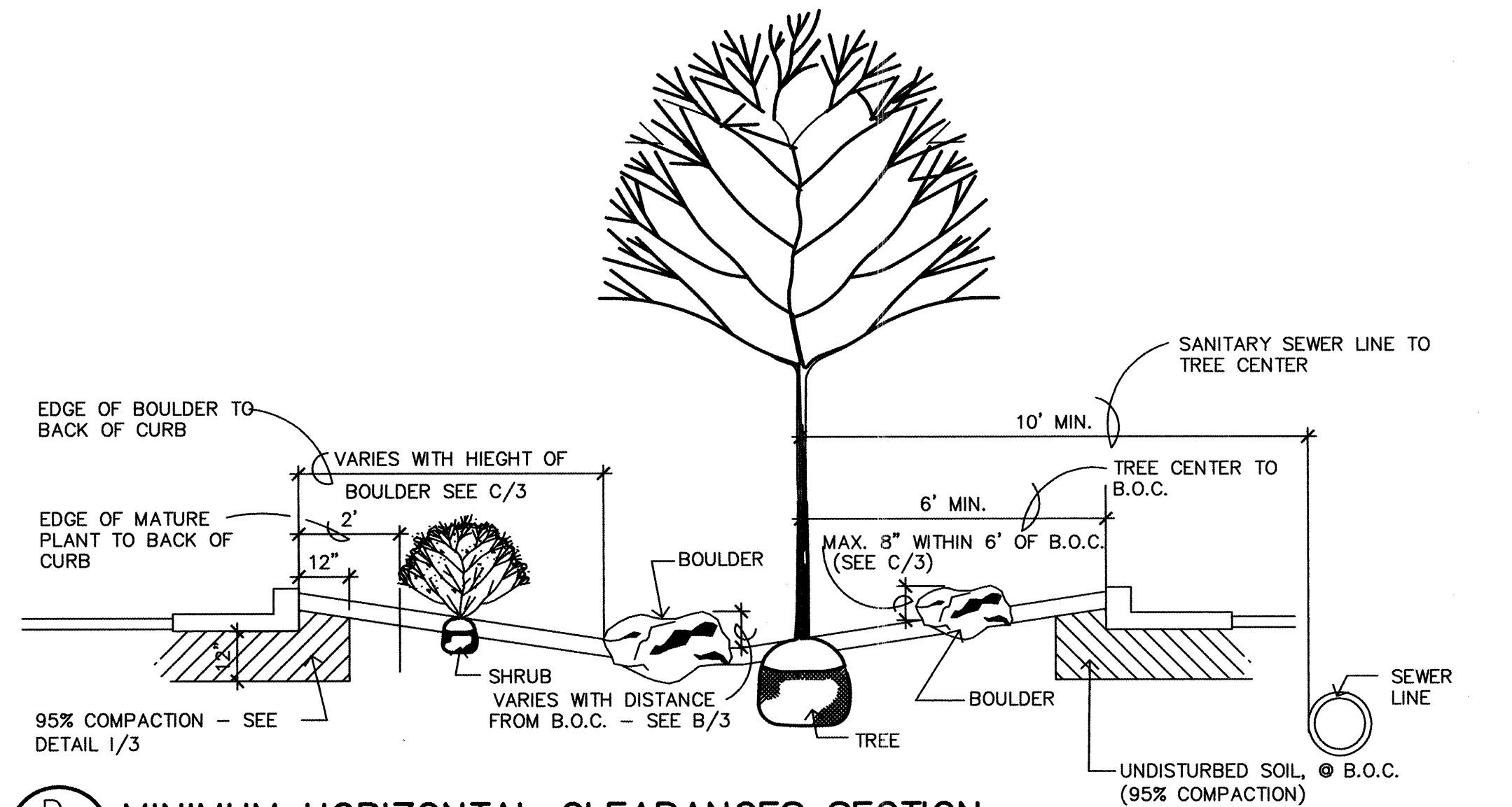
A
3
TYP. PARKING AREA FOR MAINTENANCE VEHICLES:
MEDIAN NOSE LOCATION (PREFERRED OPTION)
MAINT-VEH-PARKING-PREF.DWG 042403 1" = 10'-0"



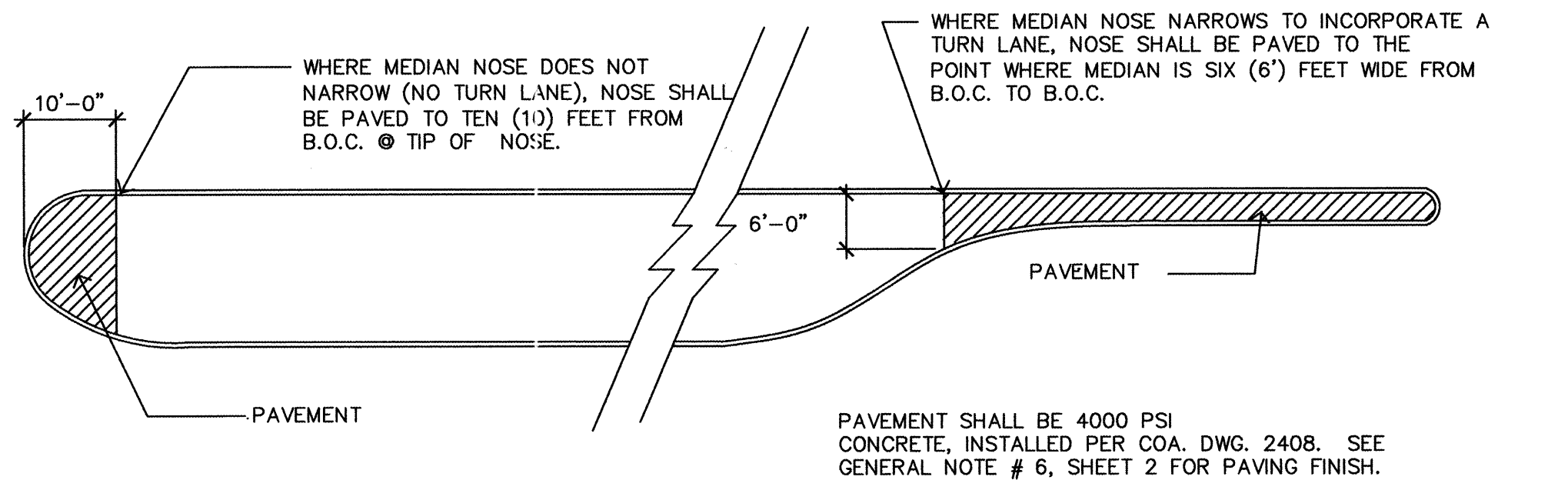
B
3
TYP. PARKING AREA FOR MAINTENANCE VEHICLES:
MID-BLOCK LOCATION (SECONDARY OPTION)
MAINT-VEH-PARKING-DETAIL.DWG 042403 1" = 10'-0"



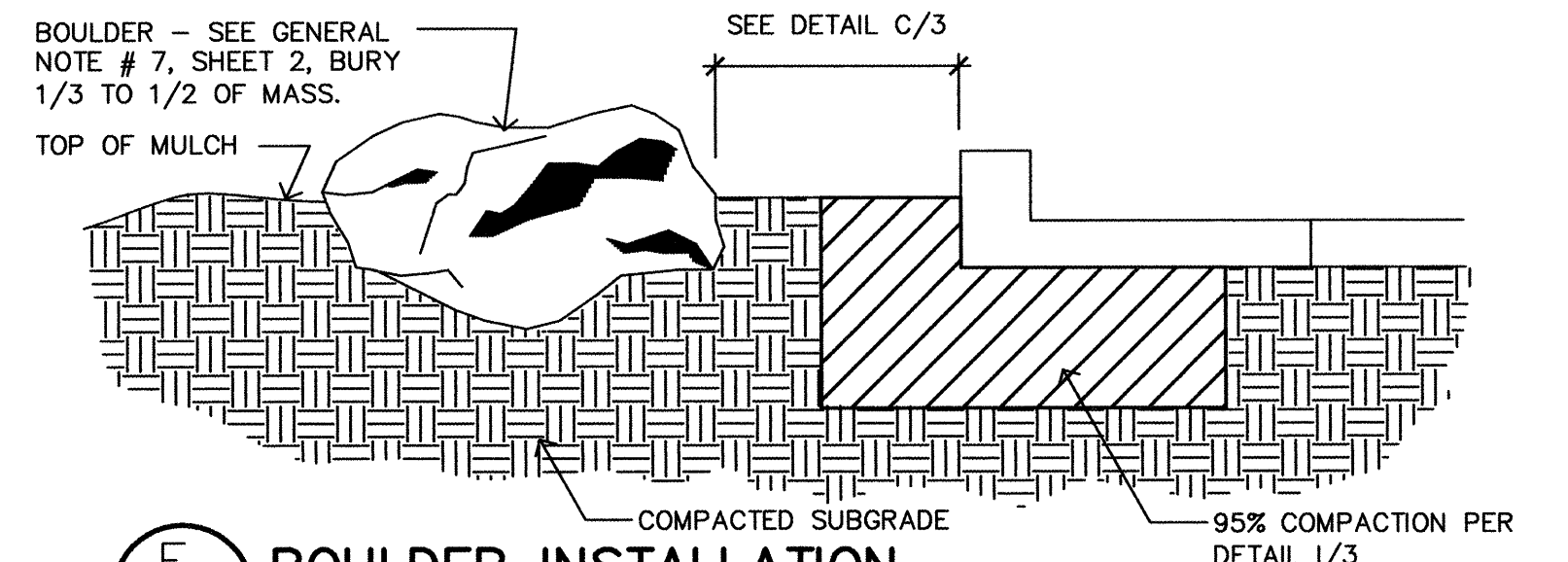
C
3
SECTION: MAXIMUM HEIGHT OF HARD ELEMENTS
MAXIMUM-HEIGHTS-SECTION.DWG 042403 3/8" = 1'-0"



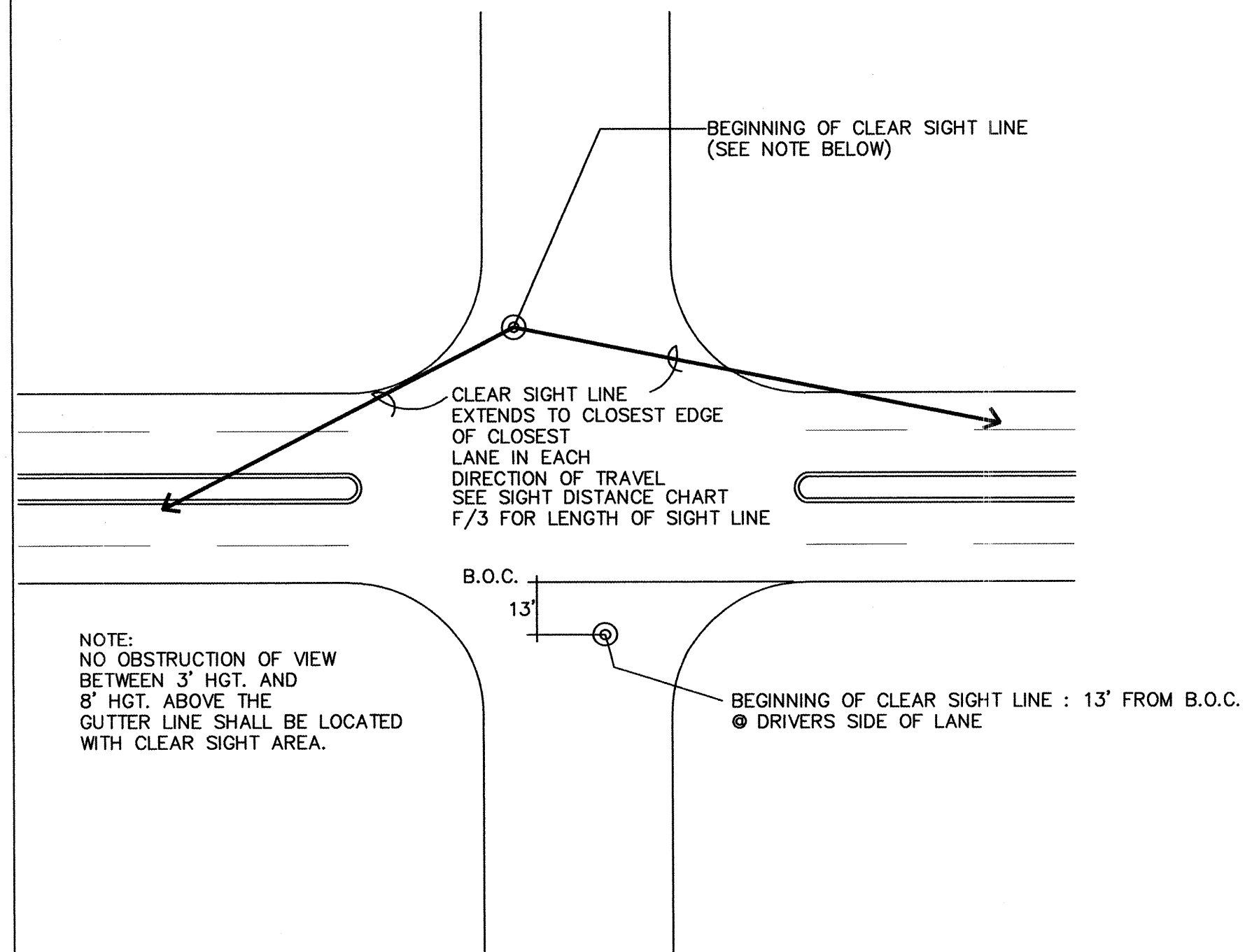
D
3
MINIMUM HORIZONTAL CLEARANCES SECTION
HORIZONTAL-CLEARANCE-SECTION.DWG 041703 3/8" = 1'-0"



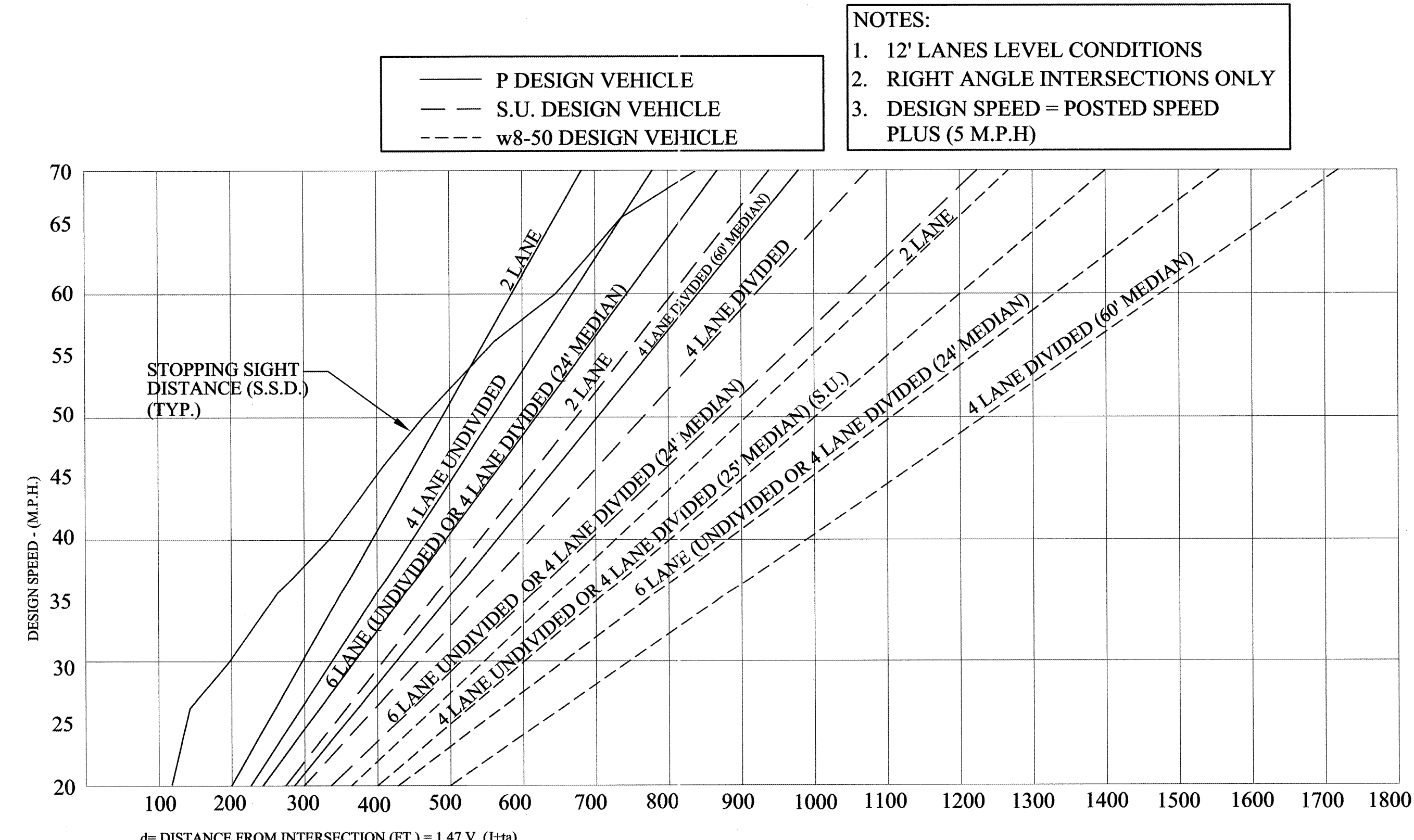
E
3
PAVING @ MEDIAN NOSES
PAVING MEDIAN-NOSES.DWG 042503 1/16" = 1'-0"



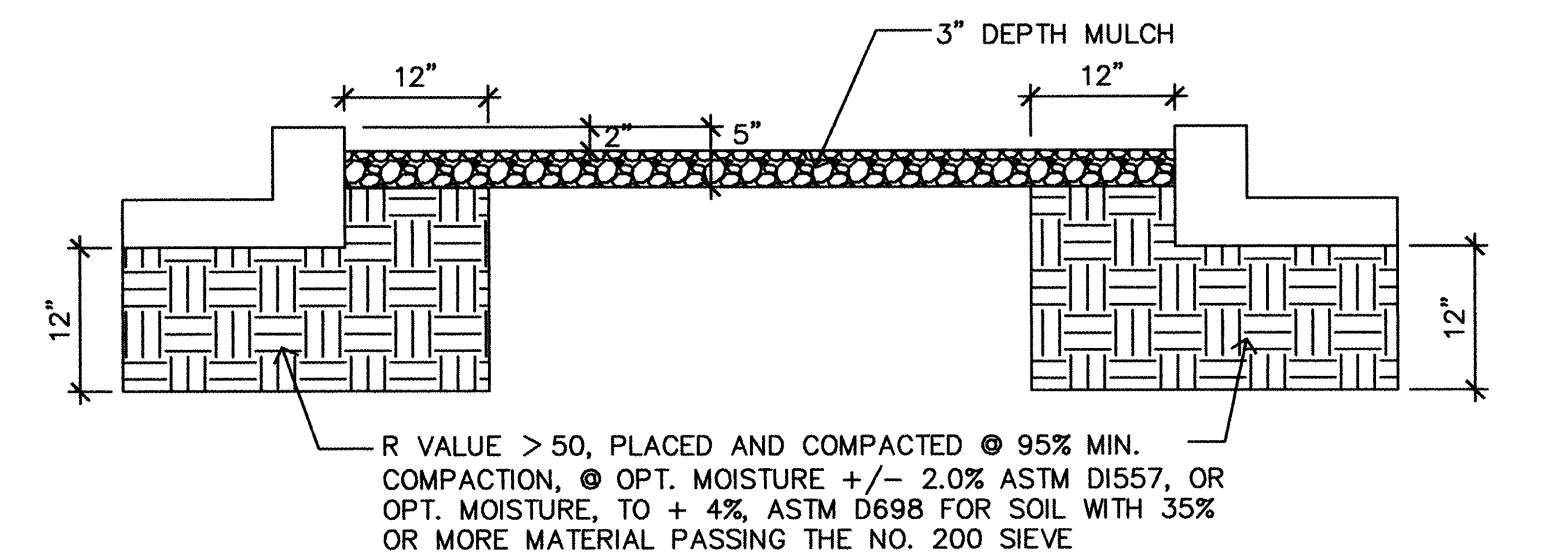
F
3
BOULDER INSTALLATION
BOULDER-INSTALLATION.DWG 060203 3/4" = 1'



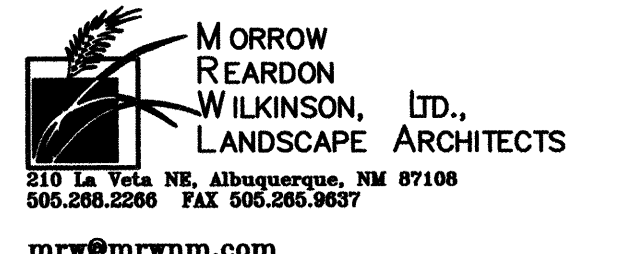
G
3
CLEAR SIGHT LINE
CLEAR SIGHT LINE.DWG 042503 N.T.S.



H
3
SIGHT DISTANCE CHART
7402--GRAPH.DWG 042503 N.T.S.



I
3
COMPACTION @ B.O.C.
COMPACTION-BOC.DWG 060203 3/4" = 1'



CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
STANDARD DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
MAR 15 2005	MAR 15 2005			
City Project No.	Zone Map No.	Sheet	3 of 25	
754500				

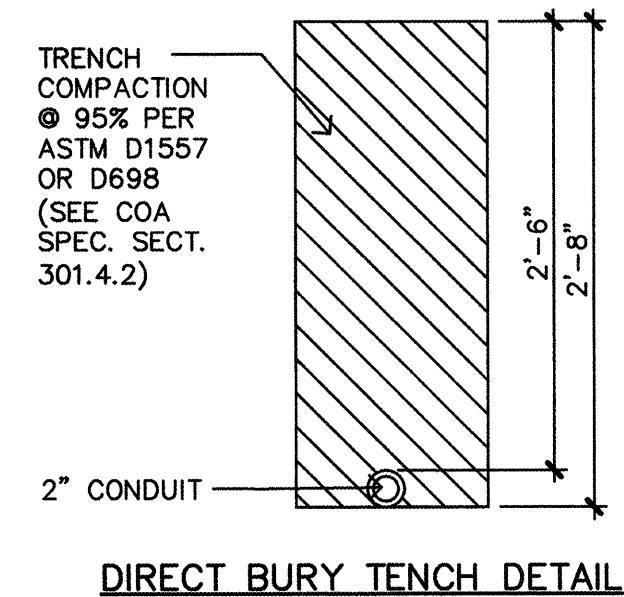
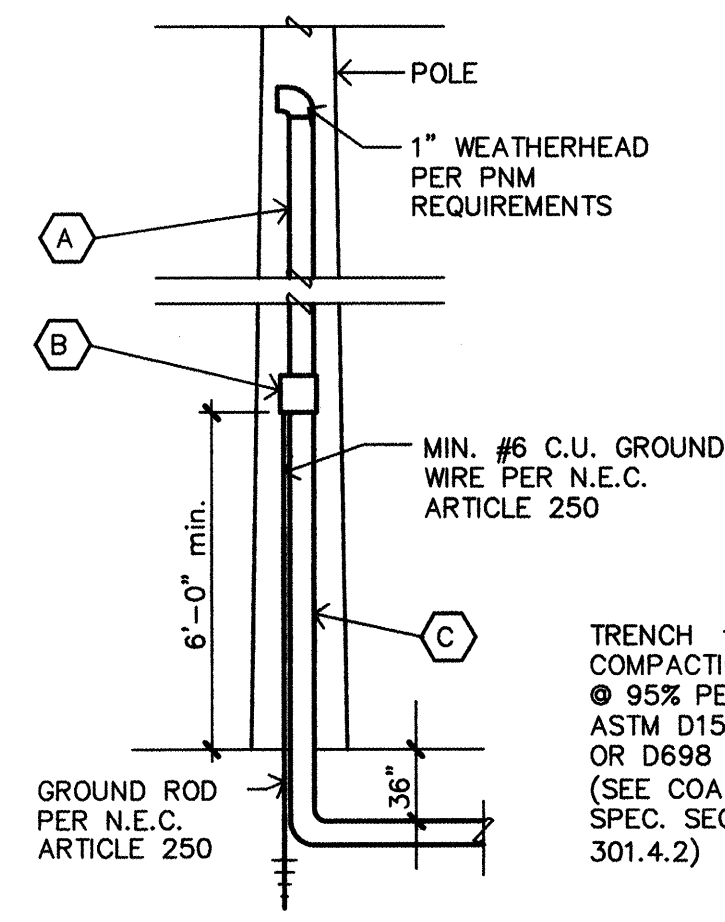


REVISIONS	BY	DATE
WILSON & COMPANY, ENGINEERS & ARCHITECTS	ECR/MAK	MARCH 2005
DESIGNED BY	EAC/MAK	MARCH 2005
DRAWN BY	ECR	MARCH 2005
CHECKED BY		

AS-BUILT INFORMATION	CONTRACTOR	DATE
BENCH MARKS	NO.	DATE
SURVEY INFORMATION	FIELD NOTES	DATE
ARCHITECTURAL SEAL	NO.	DATE

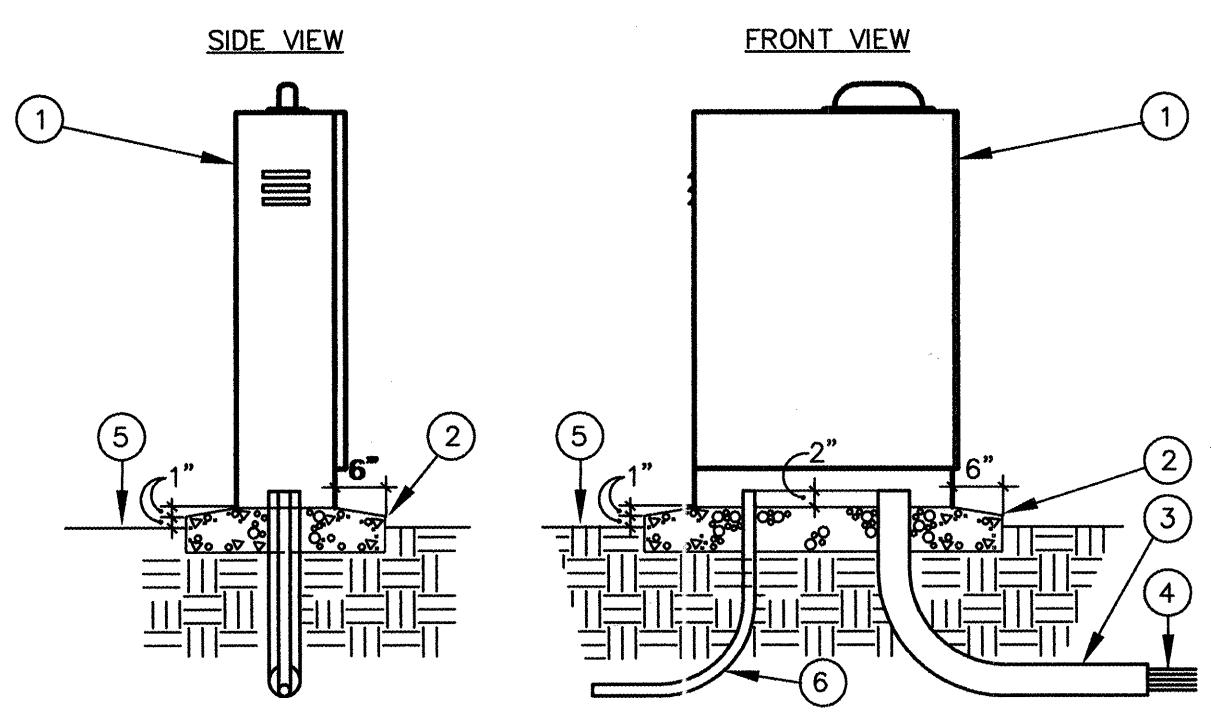
GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH PUBLIC SERVICE COMPANY OF NEW MEXICO FOR POLE LOCATION AND SERVICE REQUIREMENTS. COMPLY AS NECESSARY.
- ALL ELECTRICAL CONDUITS SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE. COORDINATE WITH LANDSCAPE AND IRRIGATION PIPING TO PREVENT CONFLICTS.
- CONTRACTOR SHALL VERIFY WITH PNM ON WHICH QUADRANT OF POLE RISER IS TO BE LOCATED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO BID SO AS TO INFORM HIMSELF OF EXISTING CONDITIONS AFFECTING HIS BID.
- CONTRACTOR SHALL MOUNT 1" DIAMETER RISER DIRECTLY ONTO POWER POLE USING U-CLAMPS INSTALLED 30" ON CENTER THROUGHOUT RISER LENGTH.
- THE CONTRACTOR SHALL USE AN APPROVED, UNBROKEN CONDUIT COMPLETE WITH WIRE FROM THE SERVICE POINT TO THE FUSE DISCONNECT SWITCH AND UNBROKEN CONDUIT FROM THE FUSE DISCONNECT TO THREE (3) FEET BELOW GRADE OF PNM'S POLE.



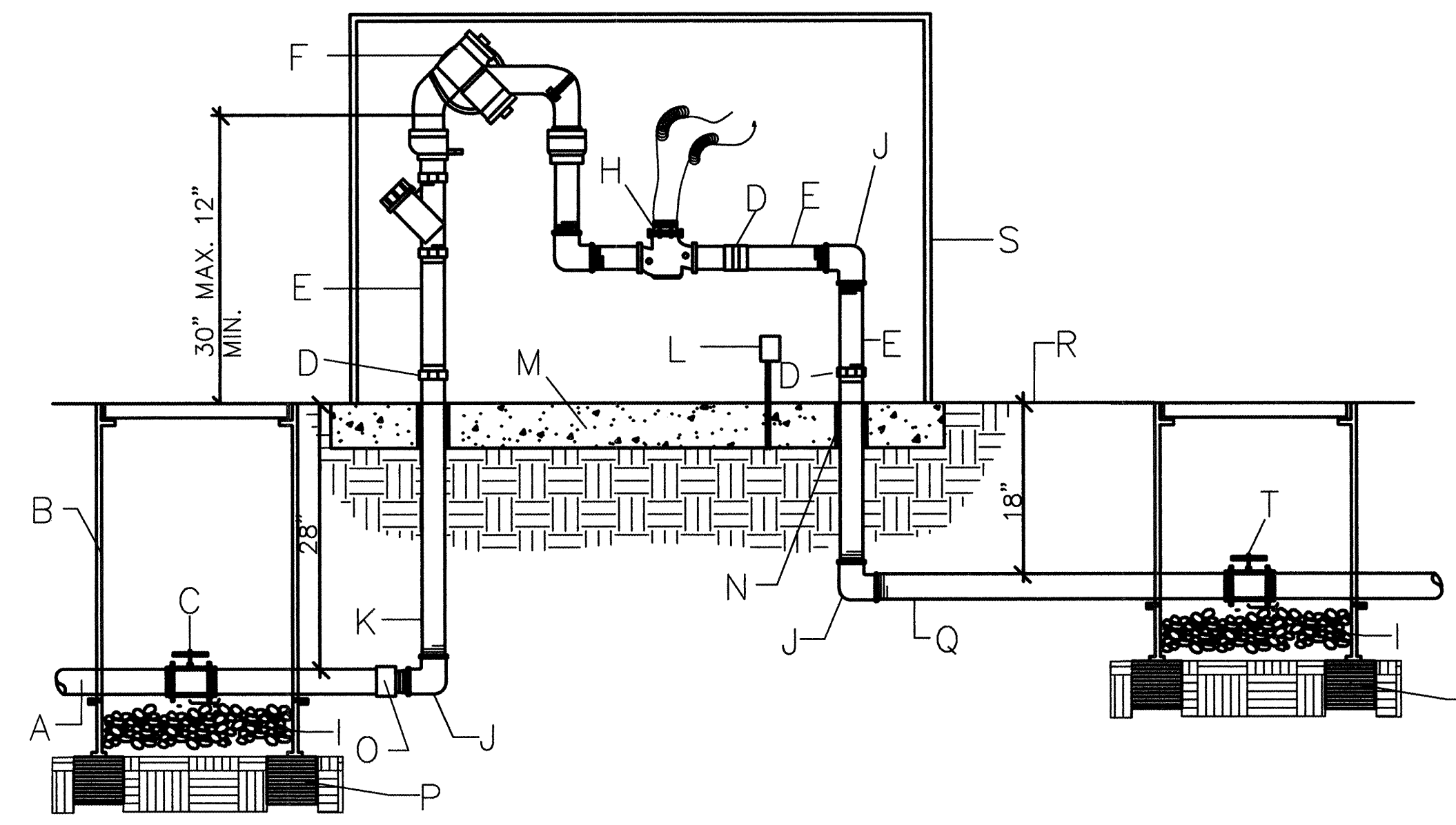
KEYED NOTES

- (A) 1" RGS CONDUIT W/ 2 #6 CU. USE CABLE FROM DISCONNECT SWITCH UP POLE TO POWER CONNECT POINT. LEAVE ENOUGH CABLE EXPOSED SO PNM CAN TERMINATE LATER.
- (B) FUSED DISCONNECT SWITCH-1 POLE, 120 VOLT, FUSED WITH 50 AMP (MAX) FUSES, WEATHERPROOF, AND LOCKABLE. INSTALL ON PNM POLE AT 10' (MIN.) HEIGHT.
- (C) 1" RGS CONDUIT WITH 2 #6 CU. USE CABLE FROM DISCONNECT SWITCH DOWN POLE THEN UNDERGROUND TO THE IRRIGATION SYSTEM CONTROL BOX.



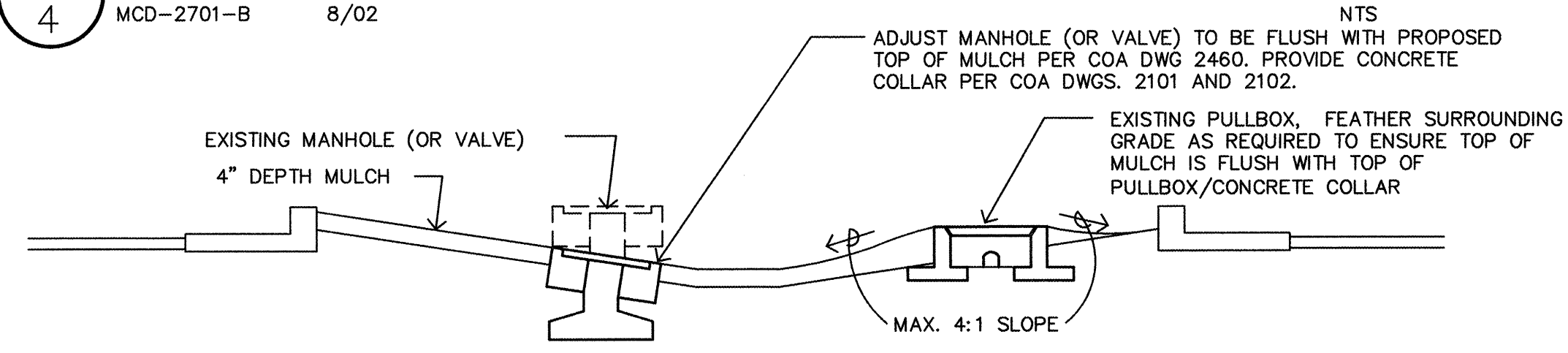
- (1) IRRIGATION CONTROLLER WITH PEDESTAL, SEE IRRIGATION LEGEND. INSTALL TO MANUFACTURE STANDARDS 4000 PSI CONCRETE BASE.
- (2) 8" MINIMUM THICKNESS, ALL EDGES SHALL BE TOOLED WITH 1/2" RADIUS
- (3) 4" RIGID PVC LONG SWEEP ELL EXTEND 12" BEYOND ADJACENT WALKS
- (4) 24-VOLT WIRES FROM CONTROLLER TO AUTOMATIC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

IRRIGATION CONTROLLER AND PEDESTAL
MCD-0165 110295 N.T.S.

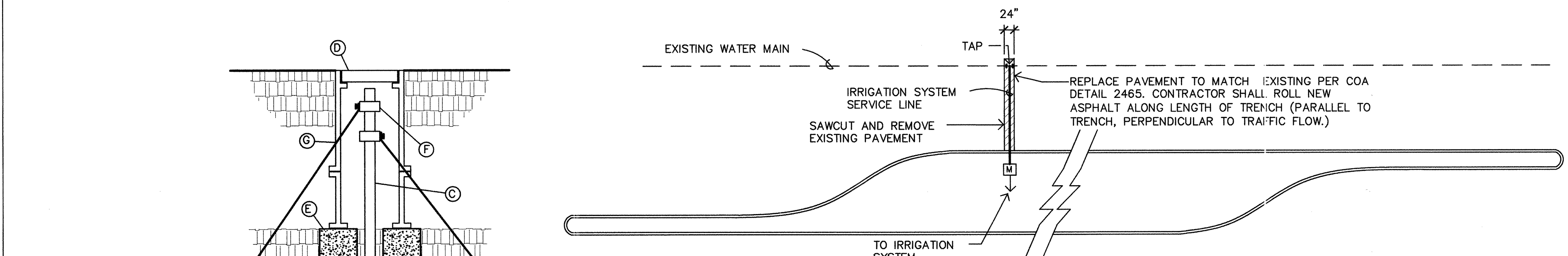


- CONSTRUCTION NOTES:**
- A. SERVICE LINE TO WATER METER
- B. BROOKS PRODUCTS INC., 1730 PB-18BODY (ABS) VALVE BOX W/ BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION
- C. TRUE UNION SCHEDULE 80 PVC BALL VALVE
- D. GALVANIZED UNION (min. 4" above grade)
- E. GALVANIZED NIPPLE
- F. FEBCO MODEL 825YA RPBP BACKFLOW PREVENTER (NOT USED)
- G. (NOT USED)
- H. RAINBIRD PEB PLASTIC BODY 24 VOLT AUTOMATIC MASTER VALVE
- I. 1" DIA. WASHED ROCK
- J. GALVANIZED ELL
- K. GALVANIZED RISER.
- L. 110V ELECTRICAL OUTLET FOR HEATED PROTECTIVE ENCLOSURE. PLACE AWAY FROM RELIEF VALVE.
- M. MIN. 4" 4000 PSI CONCRETE SLAB.
- N. PVC SLEEVING & INSULATION (MIN. 1" THICK).
- O. PVC MIP ADAPTER.
- P. 8" x 8" x 16" SOLID CMU BLOCK.
- Q. NON-CONSTANT PRESSURE IRRIGATION MAINLINE.
- R. FINISH GRADE.
- S. PROTECTIVE ENCLOSURE
- T. MASTER METER

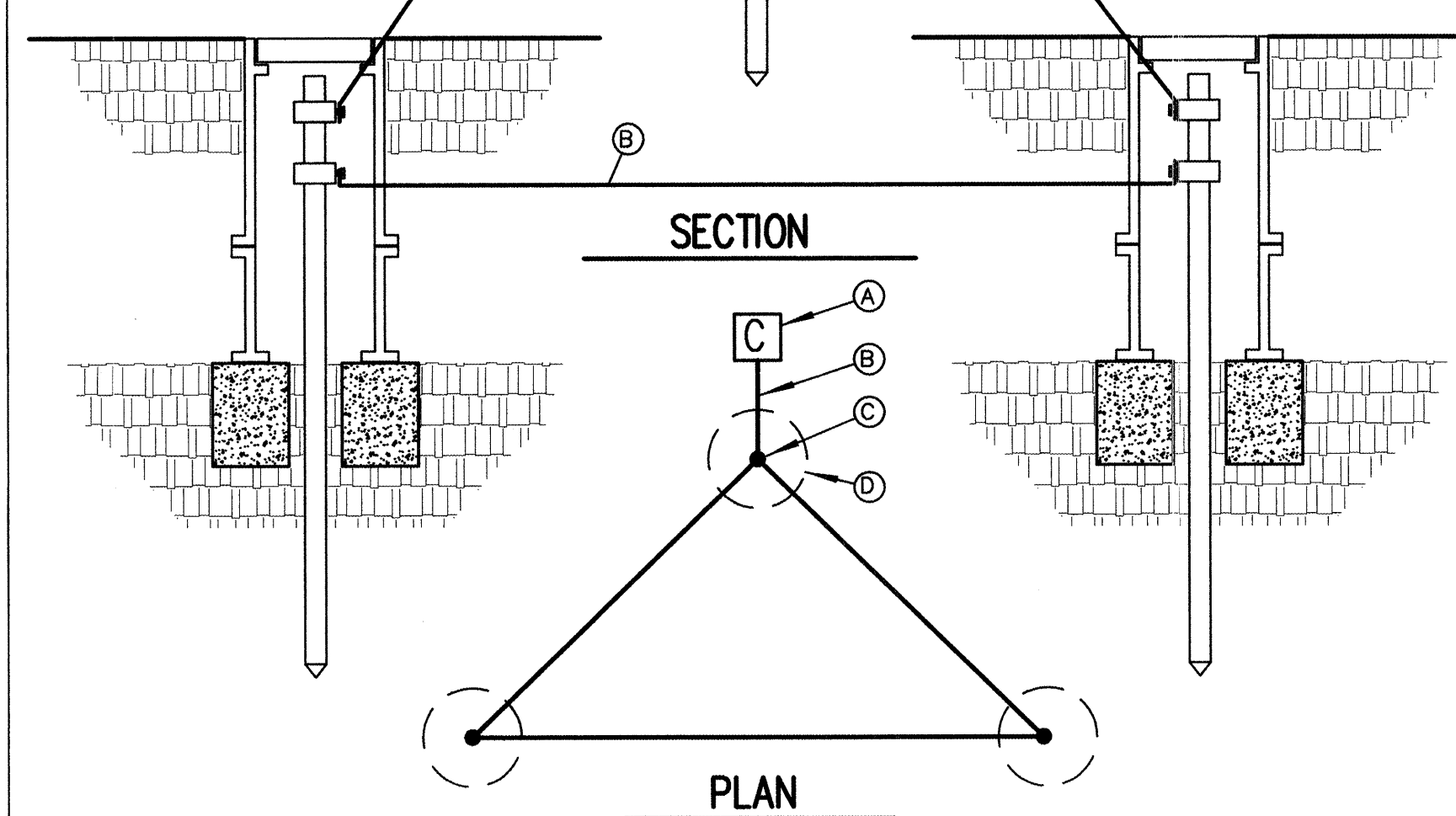
RPBA WITH FLOW METER & SEPERATE MASTER VALVE
MCD-2701-B 8/02



ADJUSTMENT OF EXISTING UTILITY STRUCTURES
UTILITY STRUCTURES ADJUST.DWG 052803 3/8" = 1'

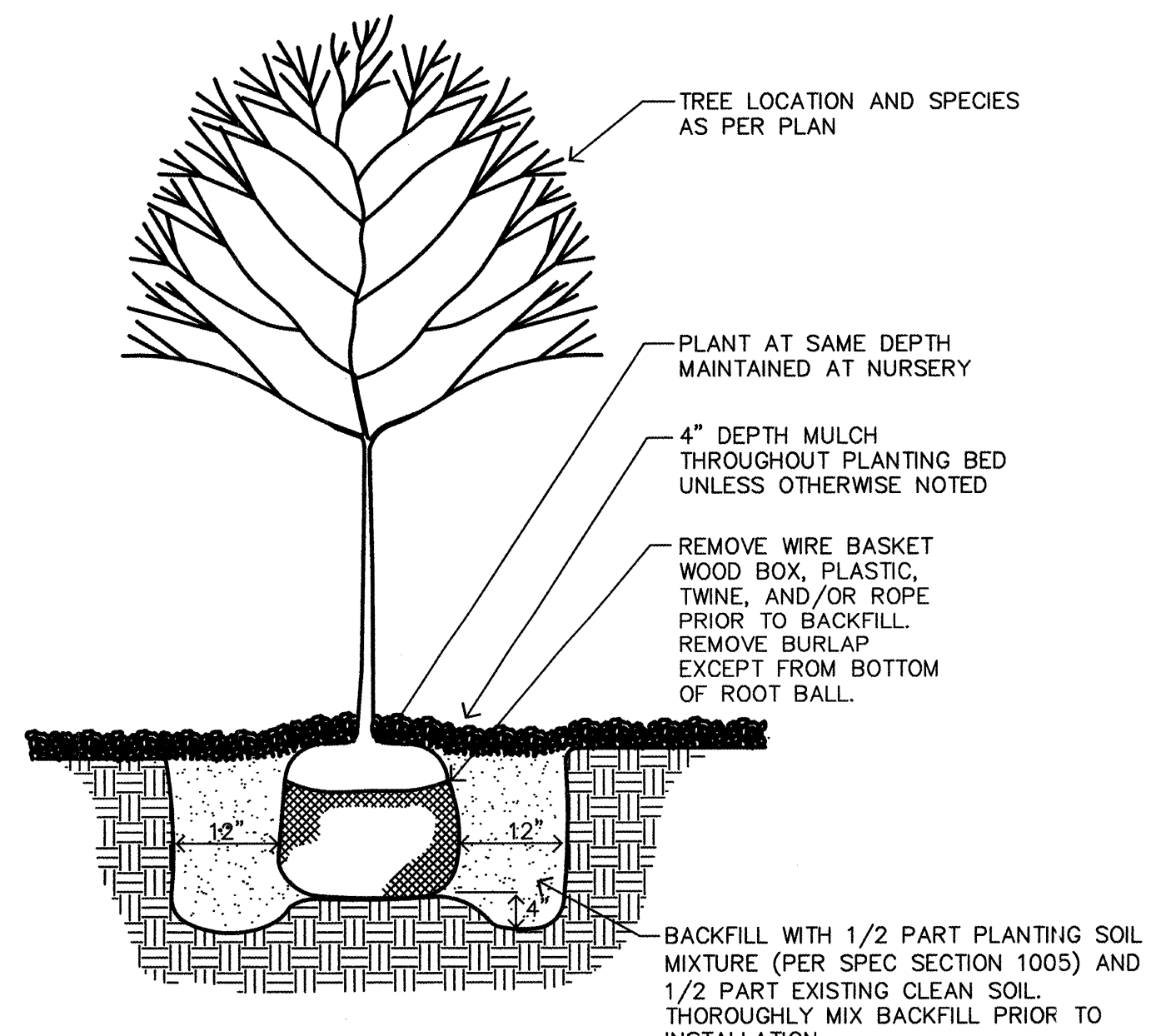


PAVEMENT CUT @ IRRIGATION TAP
PAVEMENT CUT @ TAP.DWG 052803 1/16" = 1'-0"

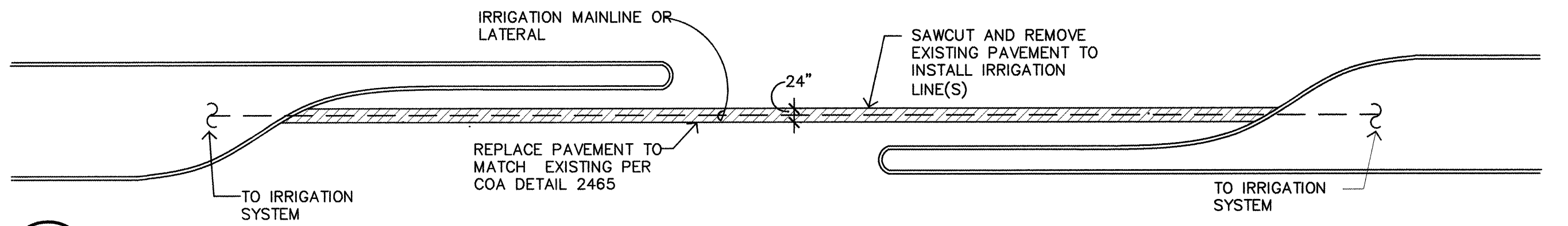


- KEY (TYPICAL)**
- (A) IRRIGATION CONTROLLER, SEE IRRIGATION LEGEND.
- (B) #10 AWG WIRE FROM IRRIGATION CONTROLLER TO GROUND ROD CLAMP. WIRE SHALL BE INSTALLED STRAIGHT AND TAUT.
- (C) 8" LENGTH GROUND ROD, PLACE IN IRRIGATED AREA A MINIMUM OF 16" FROM ONE ANOTHER W/ ONE ROD A MIN. 12' FROM CONTROLLER. (OPTION: REPLACE GROUNDING RODS W/ 1 EA. 1/8" X 12" X 18" COPPER, BURIED @ 12" DEPTH. SOLDER #8 BARE COPPER WIRE TO PLATE).
- (D) 7" DIAMETER X 9" DEEP BROOKS 700 SERIES VALVE BOX WITH COVER.
- (E) 8"x8"x16" SOLID CMU BLOCK.
- (F) GROUND ROD CLAMP
- (G) DRILL A SMALL OPENING IN VALVE BOX TO MAINTAIN WIRE TAUTNESS.

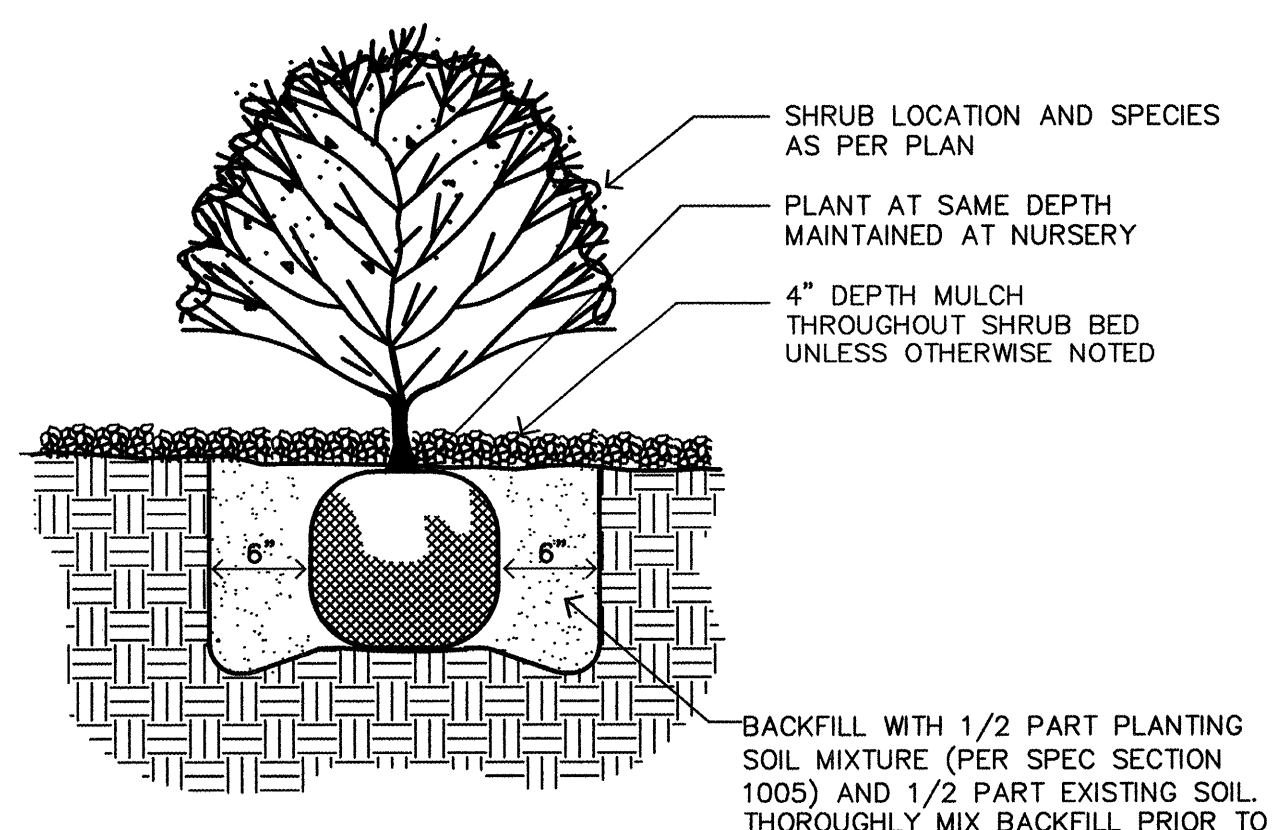
CONTROLLER GROUNDING DETAIL
N.T.S.



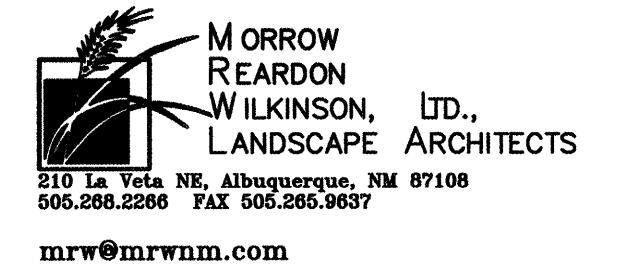
TREE PLANTING DETAIL
MCD-0170 110395 N.T.S.



IRRIGATION LINE CROSSING BETWEEN MEDIANS: OPTION 1
IRRIG LINE CROSSING.DWG 052803 1/16" = 1'-0"



SHRUB PLANTING DETAIL
MCD-0004 110795 N.T.S.

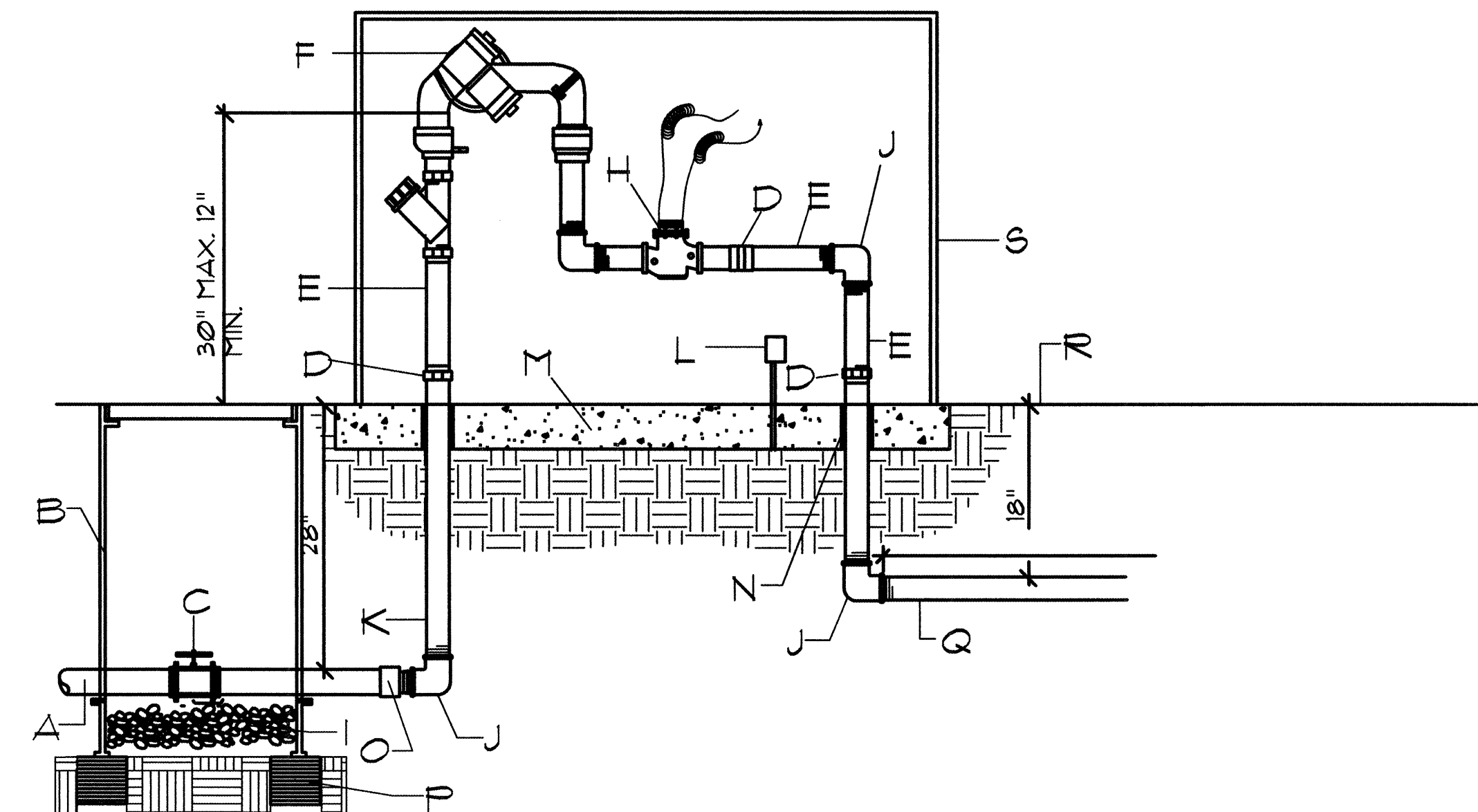


CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
STANDARD DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
MAR 15 2005	MAR 15 2005		
City Project No. 754500	Zone Map No.	Sheet	4 of 25

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" cal, 12' - 14' 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
WH	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., 4' 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 gambelli	5' - 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	Fyrus 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	Smoke Tree	Cotinus coggygria	6'-8' ht.		20' ht., 4' spd.	24" Box	M
TH	Thornless Hawthorn	Crataegus crusgalli inermis	2" cal, 10'-12' ht.		25' ht., 20' spd.	30" Box	M
VERTICAL SHRUBS							
BB	Butterfly Bush	Buddleia spp.	Min. 18" ht.		6' ht., 4' spd.	5-Gal.	M
FB	Fern Bush	Chamaebatia millefolium	Min. 18" ht.		6' ht., 4' spd.	5-Gal.	L
GC	Golden Currant	Ribes aureum	Min. 18" ht.		5' ht., 4' spd.	5-Gal.	M
MM	Mountain Mahogany	Cercocarpus montanus	Min. 18" ht.		10' ht., 4' spd.	5-Gal.	L
LLS	Littleleaf Sumac	Rhus microphylla	Min. 12" ht.		8' ht., 4' spd.	5-Gal.	L
NMO	New Mexico Olive	Forestiera 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., 4' 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., 4' spd.	5-Gal.	L
BM	Blue Mist	Caryopteris x glandonensis	Min. 18" ht.		4' ht., 4' 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., 4' spd.	5-Gal.	M
PG	Pampas Grass	Cortaderia selloana	Min. 18" ht.		10' ht., 4' spd.	5-Gal.	M
R	Rubber Rabbitbrush	Chrysothamnus nauseosus	Min. 18" ht.		6' ht., 4' spd.	5-Gal.	L
RS	Russian Sage	Perovskia atriplicifolia	Min. 18" ht.		3' ht., 4' spd.	5-Gal.	L
RY	Red Yucca	Heperaloe parviflora	Min. 18" ht.		4' ht., 4' spd.	5-Gal.	L
S	Sotol	Dasylirion wheeleri	Min. 18" ht.		4' ht., 4' spd.	5-Gal.	L
SG	Switchgrass	Panicum virgatum	Min. 12" ht.		4' ht., 3' spd.	5-Gal.	M
TS	Texas Sage	Leucophyllum frutescens spp.	Min. 18" ht.		5' ht., 4' spd.	5-Gal.	L
TLG	Tree-leaf Sumac	Rhus trilobata	Min. 18" ht.		5' ht., 4' spd.	5-Gal.	L
SMALL SHRUBS/ORNAMENTAL GRASSES							
BA	Blue Avena	Helictotrichon sempervirens	Min. 8" ht.		2' ht., 4' spd.	5-Gal.	M
BD	Broom Dalea	Paeorhthamnus scoparius	Min. 12" ht.		3' ht., 4' spd.	5-Gal.	L
CS	Cherry Sage	Salvia greggii	Min. 12" spd.		3' ht., 4' spd.	5-Gal.	M
DR	Dwarf Rabbitbrush	Chrysothamnus nauseosus nauseosus	Min. 8" ht.		2' ht., 4' spd.	5-Gal.	L
F	Feathergrass	Stipa capillata	Min. 8" ht.		18" ht., 4' spd.	5-Gal.	M
FG	Foerster's Grass	Calamagrostis arundinacea	Min. 8" spd.		2' ht., 4' spd.	5-Gal.	M
IR	Irene Rosemary	Rosmarinus officinalis 'Irene'	Min. 12" spd.		18" ht., 3' spd.	5-Gal.	M
LBG	Little Bluestem	Andropogon scoparium	Min. 8" ht.		2' ht., 4' spd.	5-Gal.	L
LV	Lav						



A. SERVICE LINE TO WATER METER	J. GALVANIZED ELL
B. BROOKS PRODUCTS INC., 1730 FB-19BODY (ABS) VALVE BOX W/ BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION	K. GALVANIZED RISER
C. TRUE UNION SCHEDULE 80 PVC BALL VALVE	L. 110V ELECTRICAL OUTLET FOR HEATED PROTECTIVE ENCLOSURE. PLACE AWAY FROM RELIEF VALVE.
D. GALVANIZED UNION (min. 4" above grade)	M. MIN. 4" 4000 PSI CONCRETE SLAB.
E. GALVANIZED NIPPLE	N. PVC SLEEVEING 4" INSULATION (MIN. 1" THICK).
F. FEBCO MODEL 825YA RPBFP BACKFLOW PREVENTER	O. PVC MIP ADAPTER
H. ARAD FLOWMETER/MASTER VALVE	P. 8" x 8" x 16" SOLID CMU BLOCK
	Q. NON-CONSTANT PRESSURE IRRIGATION MAINLINE.
	R. FINISH GRADE.
	S. PROTECTIVE ENCLOSURE

A 5 RPBA WITH SINGLE FLOW METER/ MASTER VALVE MCD-2701-B 8/02



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

210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637

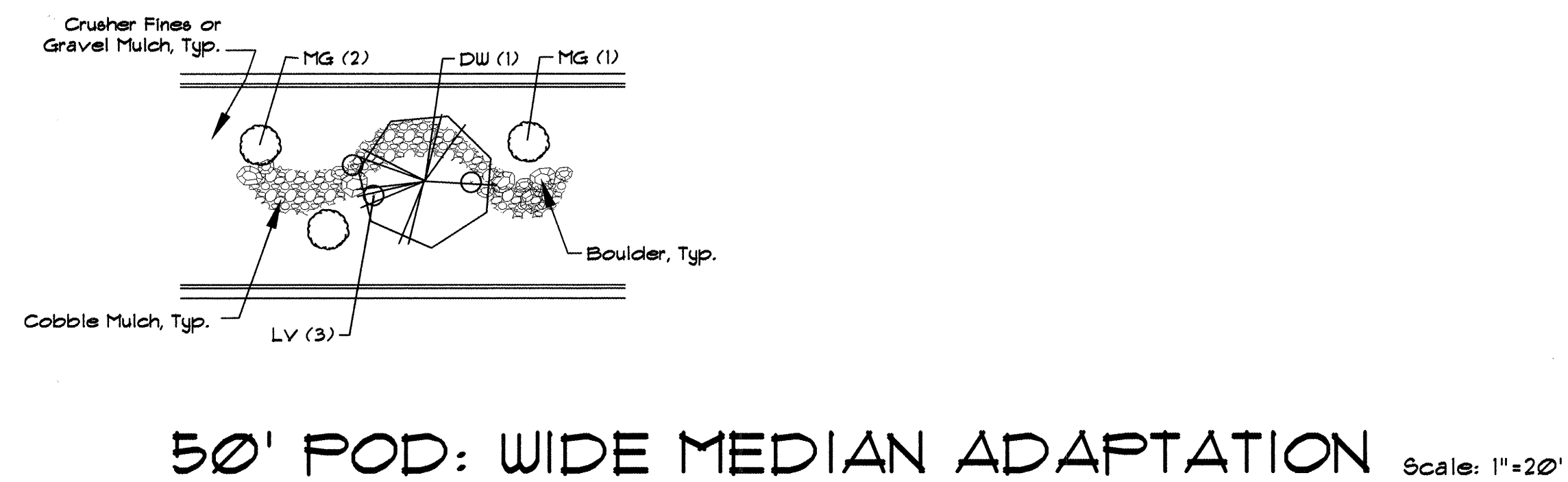
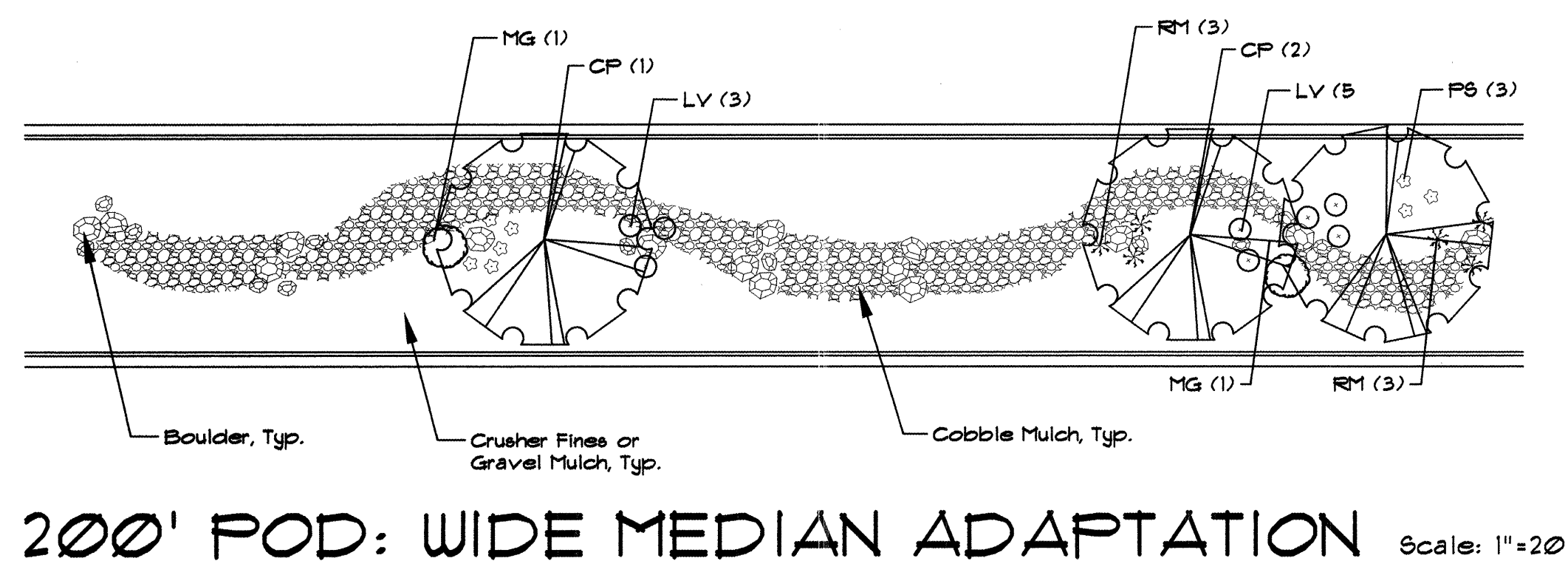
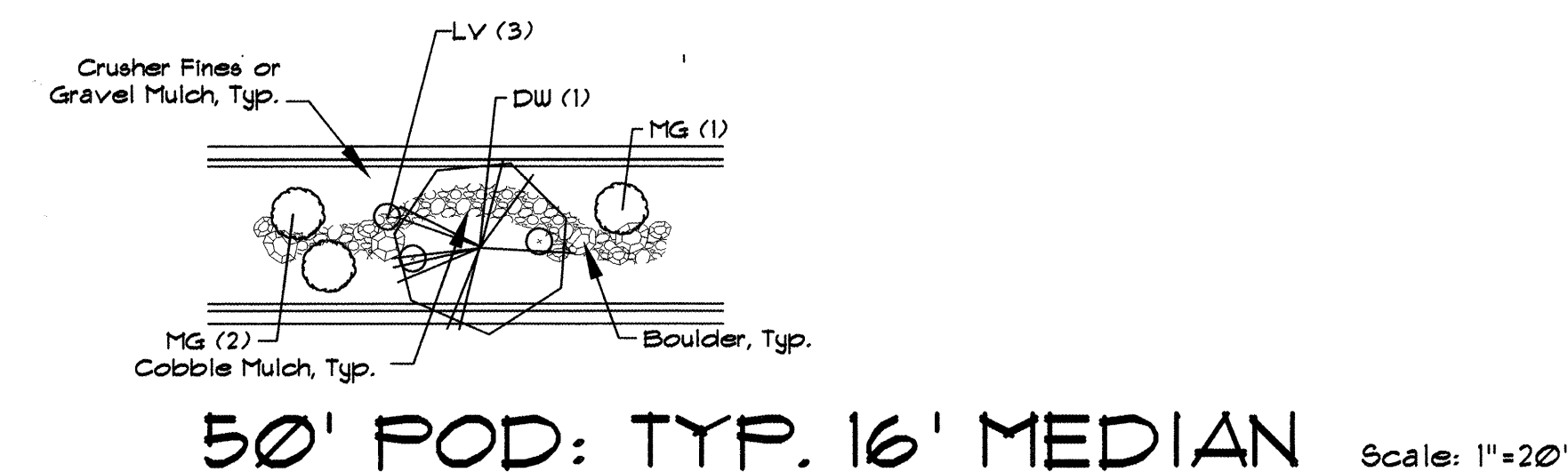
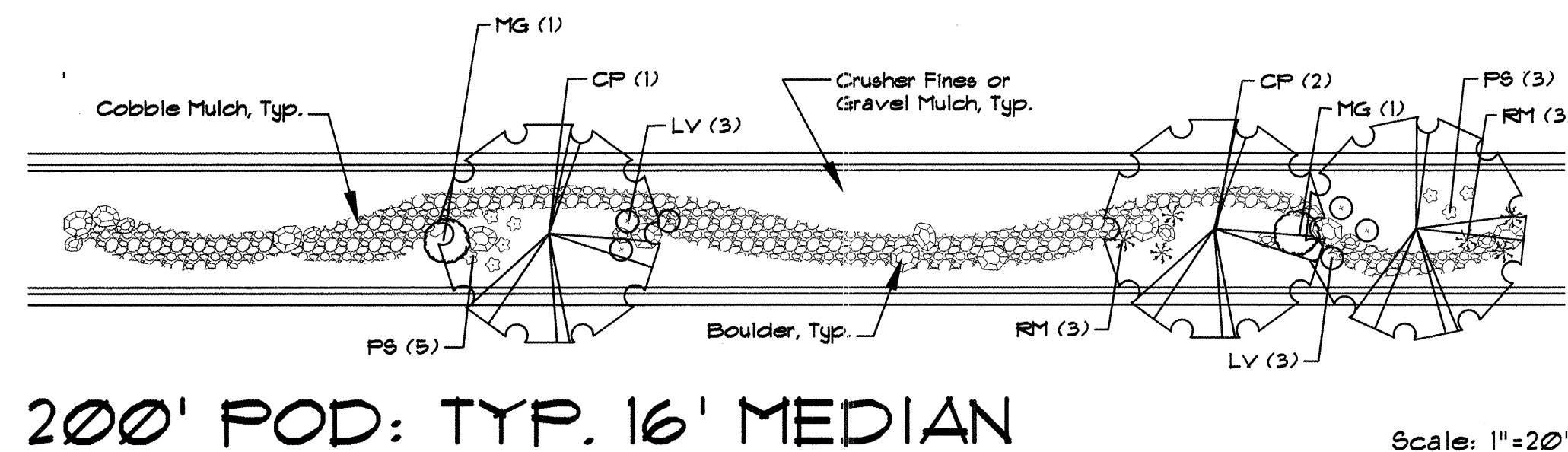
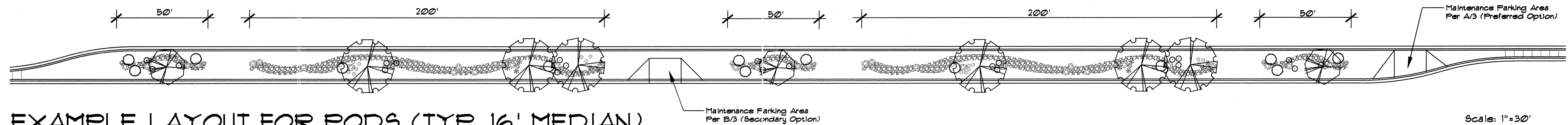
mrw@mrwnm.com

 CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A MASTER PLANT LIST

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
				
City Project No. 754500	Zone Map No.	Sheet	5 of 25	

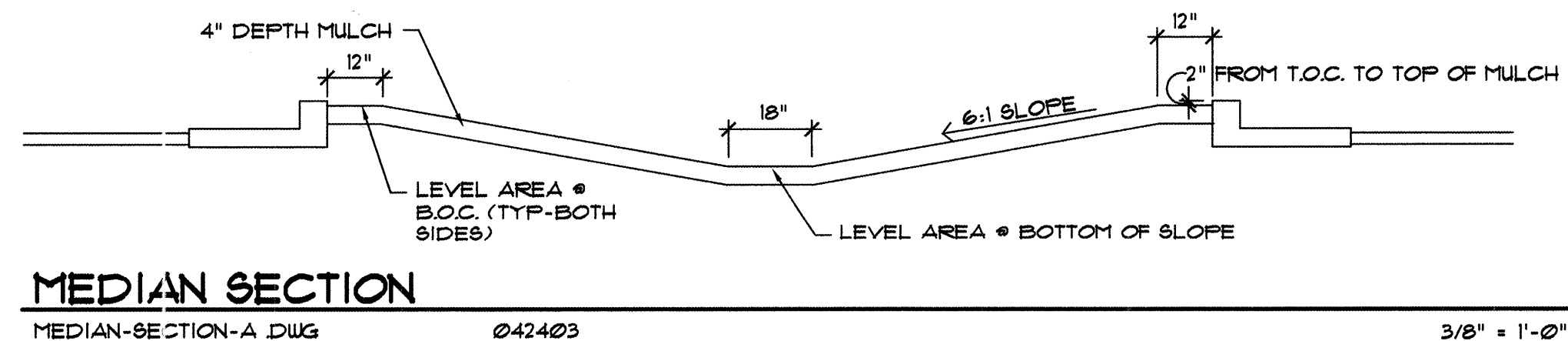
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PLANT LEGEND (See Master Plant List, Sheet 5 for Complete Plant Sizing Information)

SYMBOL	COMMON NAME	ALTERNATIVE SPECIES	ALTERNATIVE SPECIES WIDE MEDIANS ONLY*	QTY. (200' POD)	QTY. (50' POD)	QTY. (WIDE 200' POD)	QTY. (WIDE 50' POD)
SHADE TREES							
CP	Chinese Pistache	Honey Locust Arizona Sycamore		3	0	3	0
ACCENT TREES							
DW	Desert Willow	Thornless Hawthorn Shumard Oak	Scotch Pine Limber Pine	0	1	0	1
LARGE SHRUBS							
MG	Maidenrass	Lena's Broom Arp Rosemary		2	3	2	3
SMALL SHRUBS							
LV	Lavender	Irene Rosemary Cherry Sage		6	3	8	3
RM	Regal Mist	Little Bluestem Blue Avena		6	0	6	0
GROUNDCOVERS/PERENNIALS							
PS	Prairie Sage	Bush Penstemon Red Hot Poker		8	0	8	0

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



AS-BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR	DATE
FIELD VERIFICATION BY	DATE
CORRECTED BY	DATE
RECORDED BY	DATE

BENCH MARKS	
NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

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

REVISIONS	
NO.	DATE

CITY OF ALBUQUERQUE	
PARKS AND RECREATION DEPARTMENT	DESIGN DEVELOPMENT DIVISION
PROTOTYPE MEDIAN LANDSCAPES FY-04A	
PROTOTYPE B: PLANTING PLAN	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.
754500	
Sheet	8 of 25



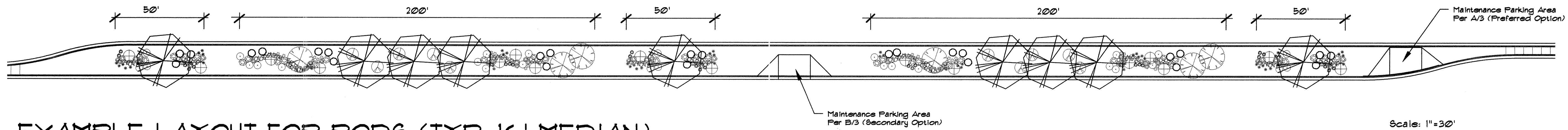
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE B: PLANTING PLAN

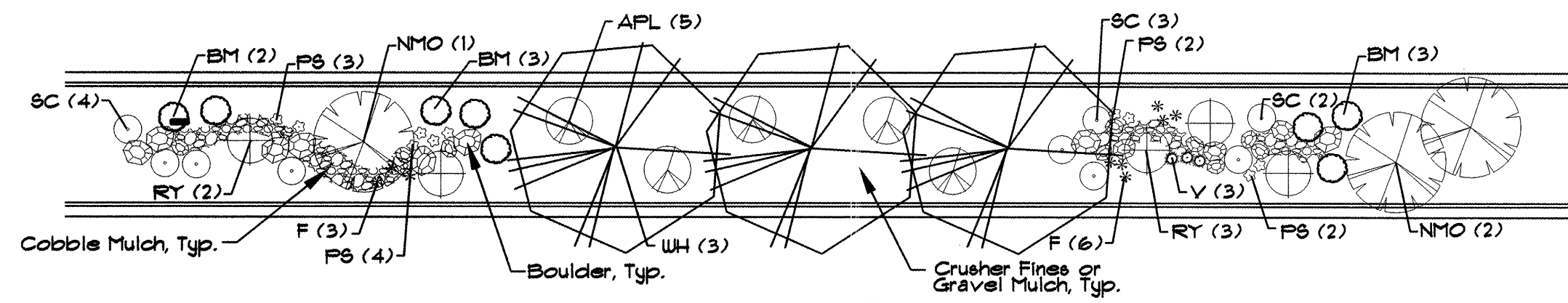
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	8 of 25



Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED MAR 15 2005	APPROVED MAR 15 2005			
City Project No.	Zone Map No.	Sheet	9 of 25	

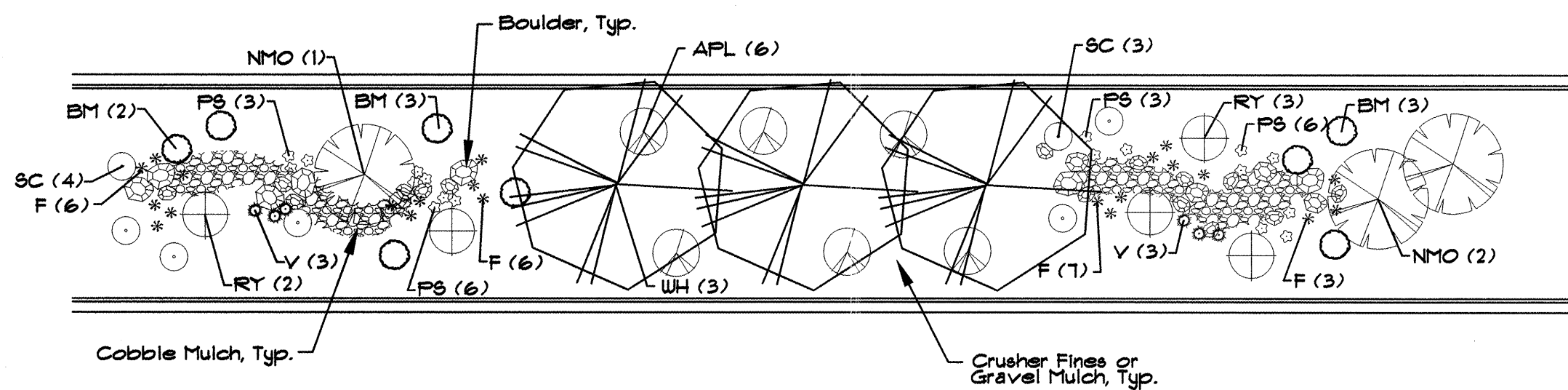


EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN)



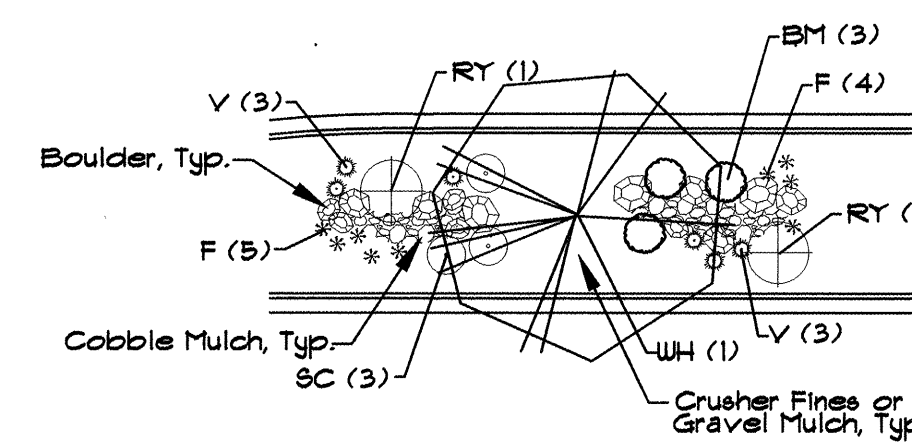
200' POD: TYP. 16' MEDIAN

Scale: 1"=20'



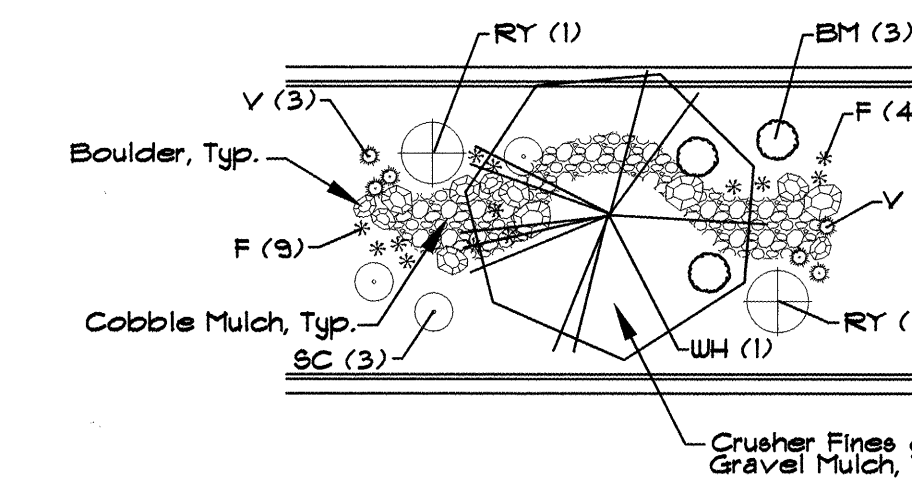
200' POD: WIDE MEDIAN ADAPTATION

Scale: 1"=20'



50' POD: TYP. 16' MEDIAN

Scale: 1"=20'



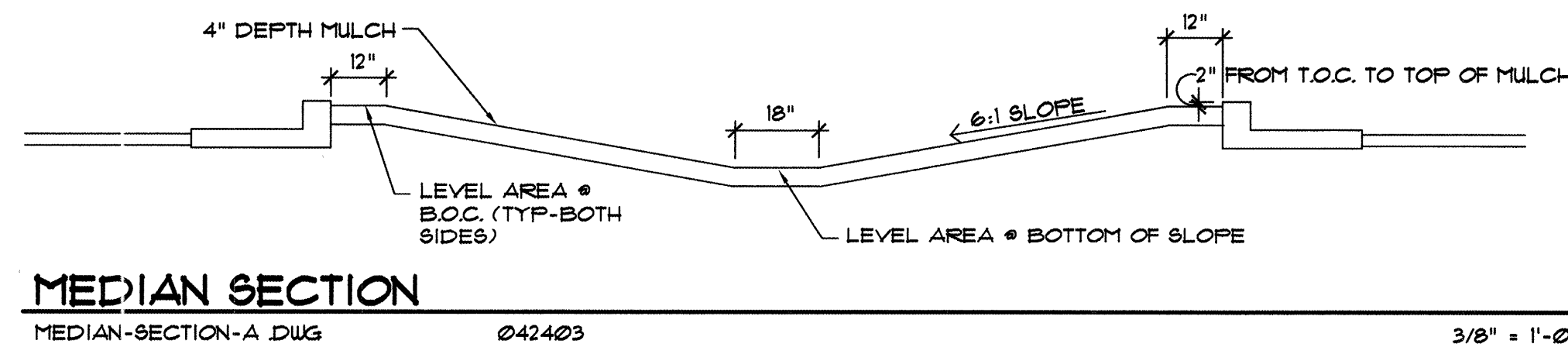
50' POD: WIDE MEDIAN ADAPTATION

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)
SHADE TREES							
WH	Western Hackberry	Chinese Platane Honey Locust		3	1	3	1
VERTICAL SHRUBS							
NMO	New Mexico Olive	Vitex Golden Currant	Austrian Pine Limber Pine	3	0	3	0
LARGE SHRUBS							
BM	Blue Mist	Texas Sage Maiden Grass		8	3	8	3
RY	Red Yucca	Beargrass Sotol		5	2	5	2
APL	Apache Plume	Rubber Rabbitbrush Threelobed Sumac		5	0	6	0
SMALL SHRUBS							
F	Feather Grass	Forster's Grass Winterfat		9	9	22	13
SC	Shrubby Cinquefoil	Cherry Sage Irene Rosemary		9	3	1	3
GROUNDCOVERS/PERENNIALS							
PS	Prairie Sage	Blue Fescue Blanket Flower 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.



MORROW REARDON WILKINSON, LTD.
LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2286 FAX 505.265.9837
mrw@mrwnm.com

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE C: PLANTING PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
PROV MAR 15 2005	DESIGN MAR 15 2005		
City Project No. 754500	Zone Map No.	Sheet	10 of 25

AS-BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE
STAGED BY	DATE	DATE	DATE
ACCEPTANCE BY	DATE	DATE	DATE
FIELD NOTES BY	DATE	DATE	DATE
DRAWINGS	DATE	DATE	DATE
CORRECTED BY	DATE	DATE	DATE
RECORDED BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE

BENCH MARKS			
CONTRACTOR	DATE	DATE	DATE
STAGED BY	DATE	DATE	DATE
ACCEPTANCE BY	DATE	DATE	DATE
FIELD NOTES BY	DATE	DATE	DATE
DRAWINGS	DATE	DATE	DATE
CORRECTED BY	DATE	DATE	DATE
RECORDED BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE

SURVEY INFORMATION			
CONTRACTOR	DATE	DATE	DATE
STAGED BY	DATE	DATE	DATE
ACCEPTANCE BY	DATE	DATE	DATE
FIELD NOTES BY	DATE	DATE	DATE
DRAWINGS	DATE	DATE	DATE
CORRECTED BY	DATE	DATE	DATE
RECORDED BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE

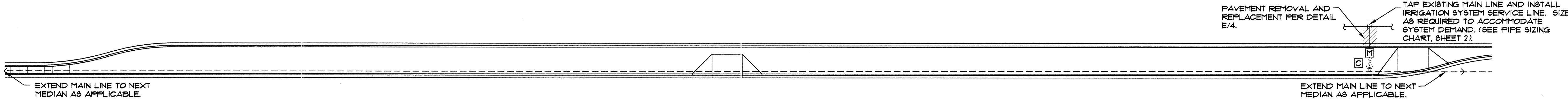


REVISIONS			
NO.	DATE	BY	REMARKS
1	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
2	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
3	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
4	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
5	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
6	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
7	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
8	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
9	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK
10	MARCH 2005	WILSON & COMPANY, ENGINEERS & ARCHITECTS	DESIGNED BY ECR/MAK

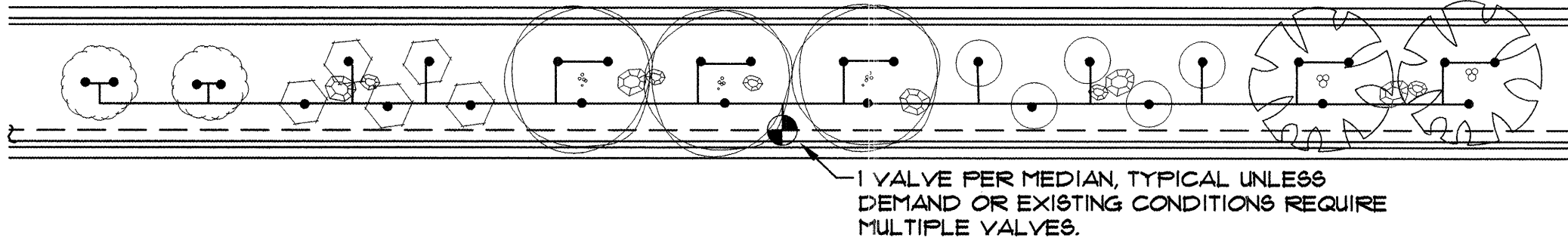


Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet		
754500		11 of 25		

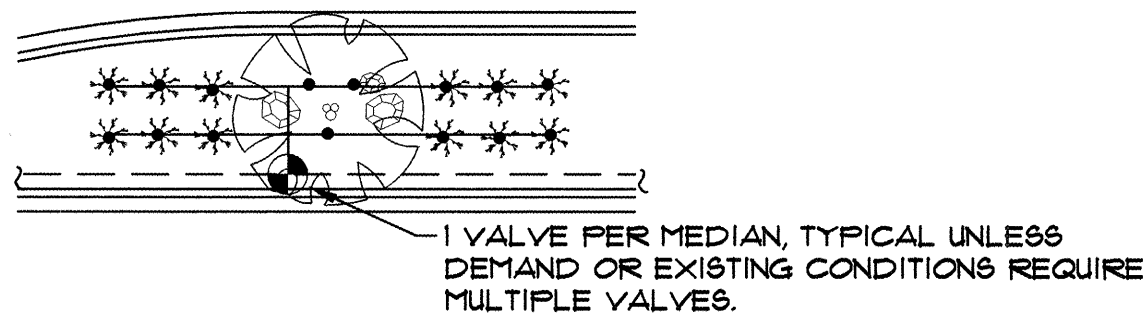
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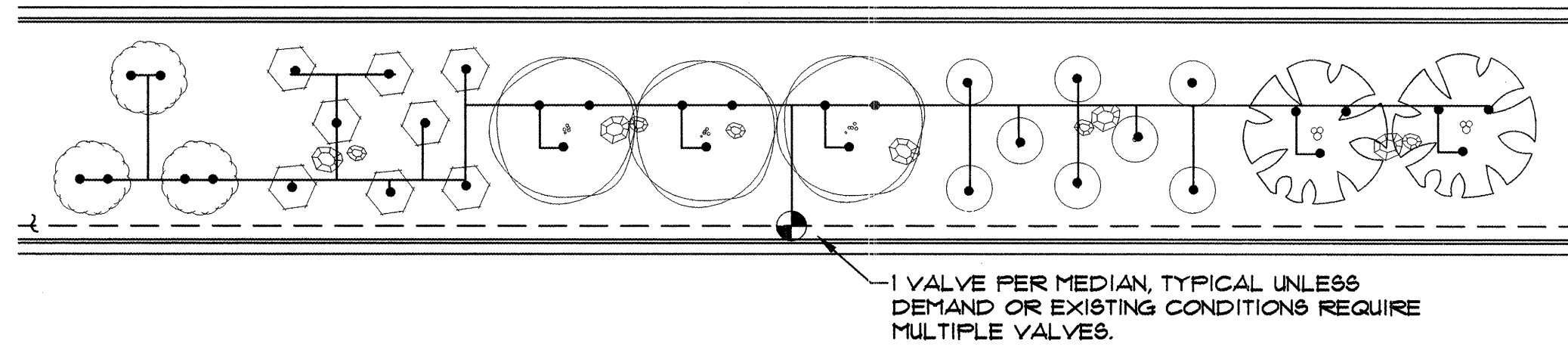
IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE, TYP.



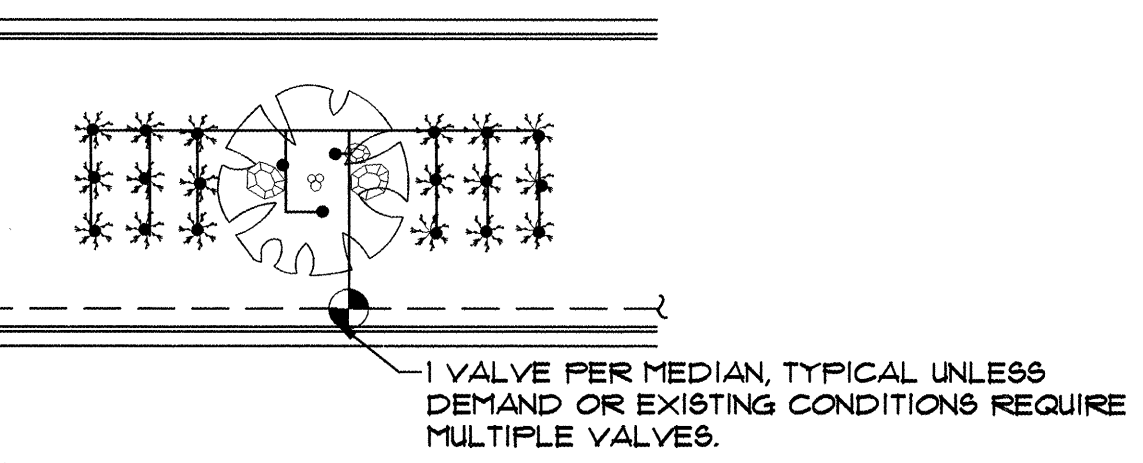
200' POD: TYP. 16' MEDIAN



50' POD: TYP. 16' MEDIAN



200' POD: WIDE MEDIAN ADAPTATION



50' POD: WIDE MEDIAN ADAPTATION

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 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 #24 AND #25, 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 G GPM	
STANDARD 200' POD:	21
STANDARD 50' POD:	6
WIDE MEDIAN 200' POD:	26
WIDE MEDIAN 50' POD:	7

- 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.

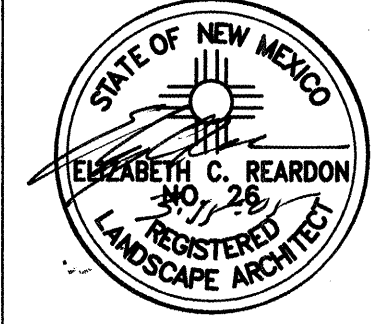
MORROW REARDON WILKINSON, LTD. LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A PROTOTYPE D: IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Ms./Day/Yr.	Ms./Day/Yr.
APPROVED MAR 15 2005 DESIGN REVIEW COMMITTEE	APPROVED MAR 15 2005 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	
754500		13 of 25	

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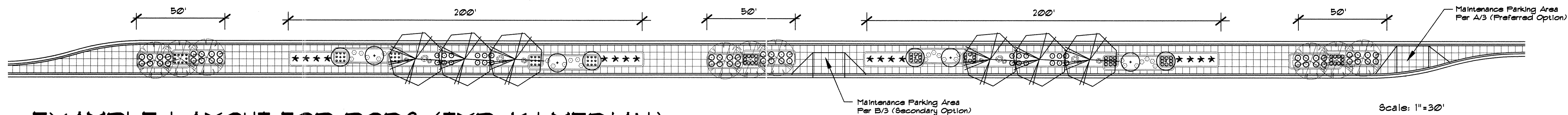


REVISIONS		REVISIONS	
NO.	DATE	REVISIONS	BY
		WILSON & COMPANY, ENGINEERS & ARCHITECTS	
		DESIGNED BY ECR/MAK	DATE MARCH 2005
		DRAWN BY EAC/MAK	DATE MARCH 2005
		CHECKED BY ECR	DATE MARCH 2005

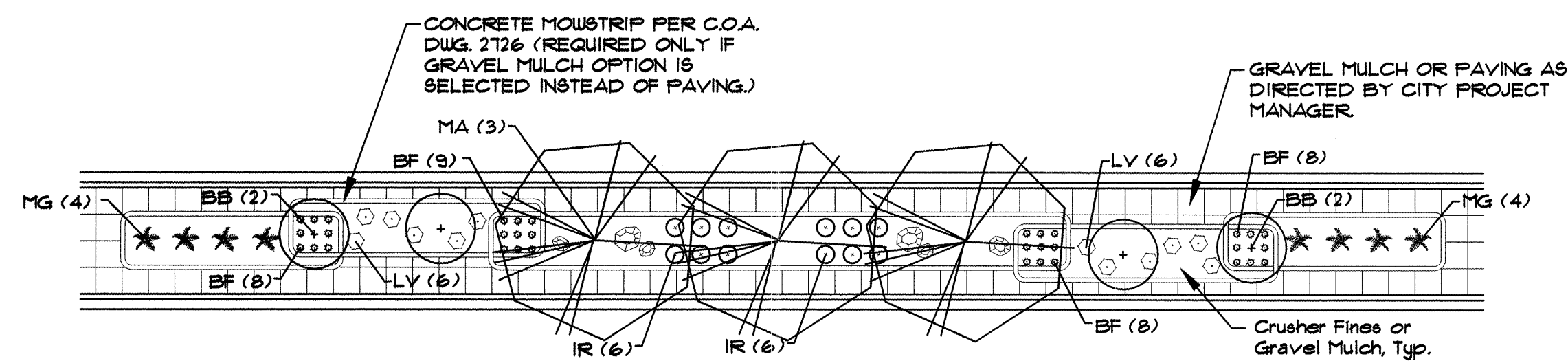


PLANT LEGEND (See Master Plant List, Sheet 5 for Complete Plant Sizing Information)

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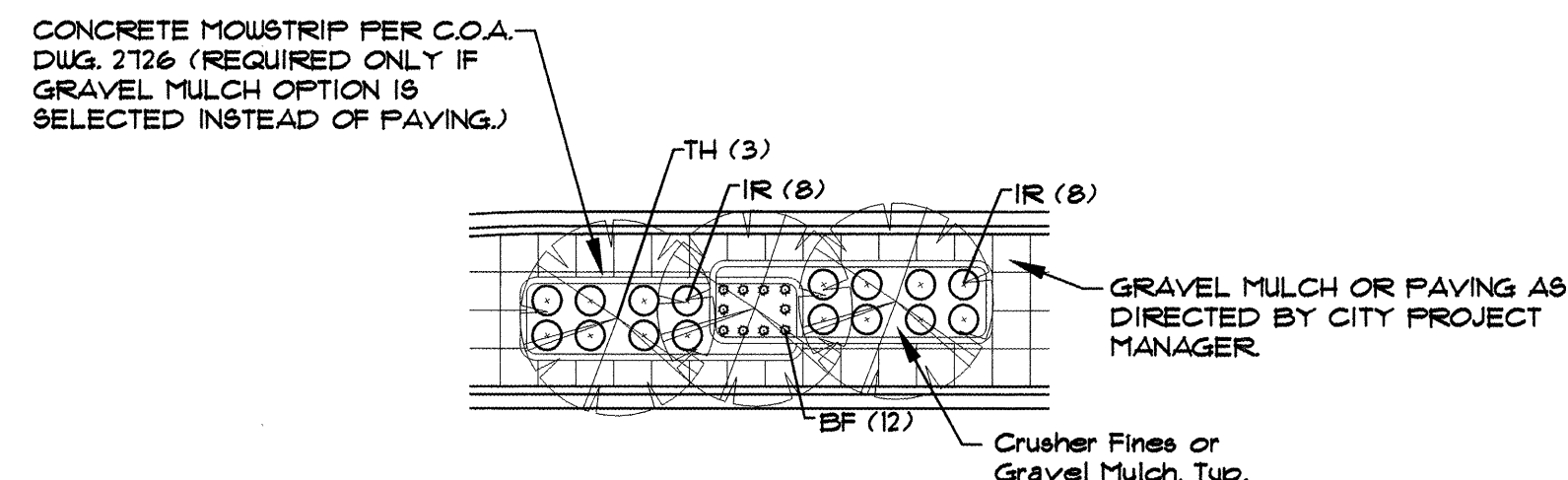


EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN)



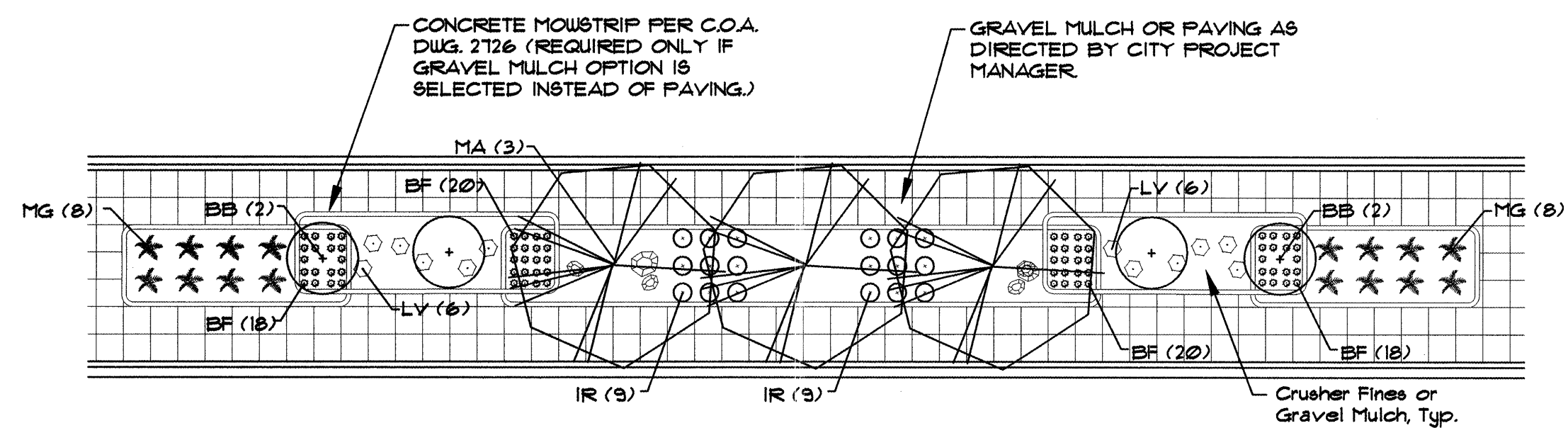
200' POD: TYP. 16' MEDIAN

Scale: 1"=20'



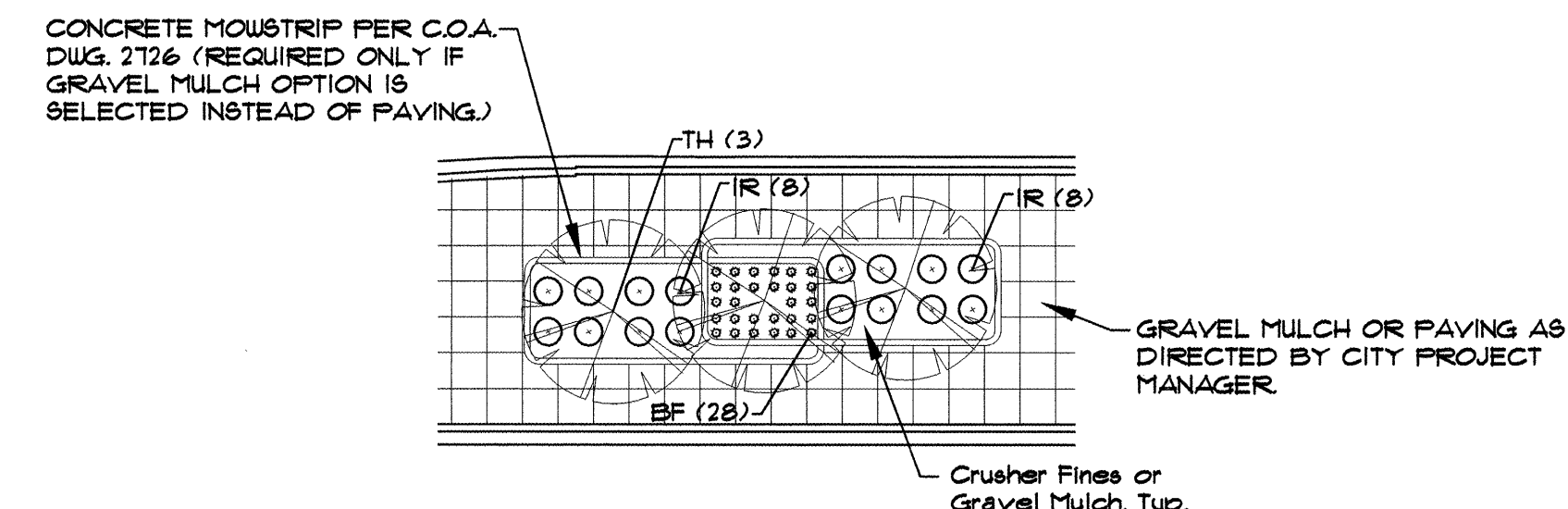
50' POD: TYP. 16' MEDIAN

Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION

Scale: 1"=20'

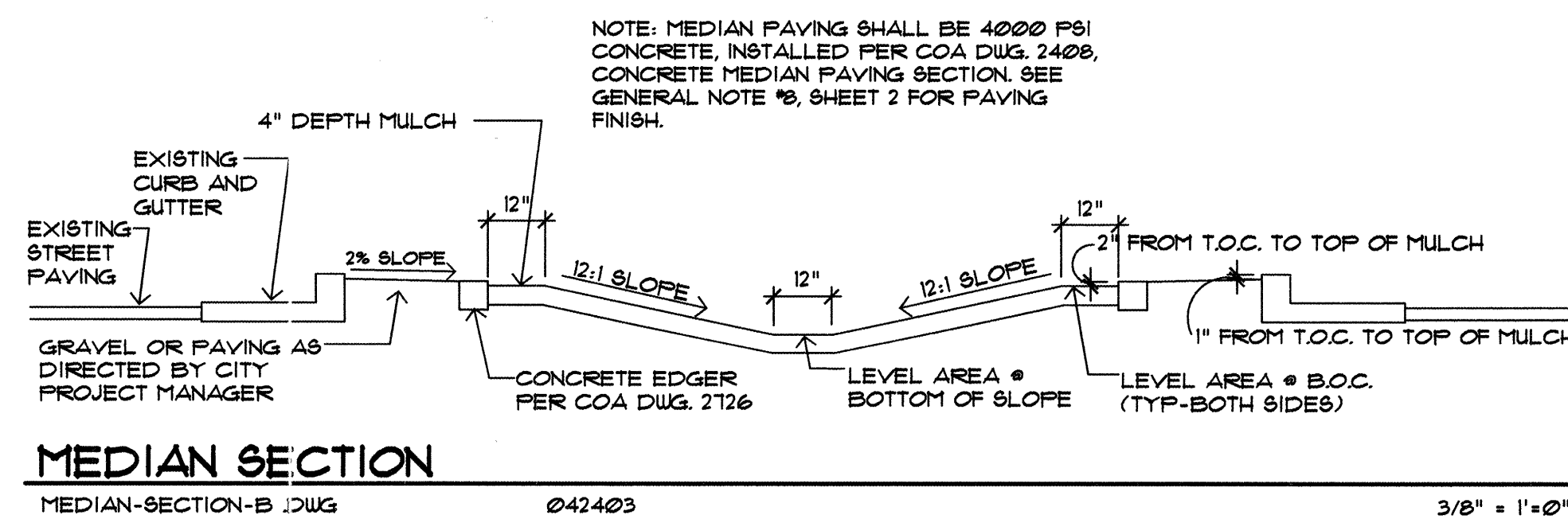


50' POD: WIDE MEDIAN ADAPTATION

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						
MA	Modesto Ash	Chinese Pistache Lacebark Elm	3	0	3	0
ACCENT TREES						
TH	Thornless Hawthorn	Sunburst Honey Locust Smoke Tree	0	3	0	3
VERTICAL SHRUB						
BB	Butterfly Bush	Spanish Broom Fern Bush	4	0	4	0
LARGE SHRUBS						
MG	Maiden Grass	Sotol Red Yucca	8	0	16	0
SMALL SHRUBS						
IR	Irene Rosemary	Regal Mist Foerster's Grass	12	16	18	16
LV	Lavender	Shrubby Cinquefoil Blue Avena	12	0	12	0
GROUNDCOVERS						
BF	Blue Fescue		34	10	16	28



MEDIAN SECTION

MEDIAN-SECTION-B.DWG

NOTE: MEDIAN PAVING SHALL BE 4000 PSI CONCRETE, INSTALLED PER COA DUG. 2408. CONCRETE MEDIAN PAVING SECTION. SEE GENERAL NOTE 10, SHEET 2 FOR PAVING FINISH.



CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE F: PLANTING PLAN

Design Review Committee City Engineer Approval



City Project No. 754500 Zone Map No.

Last Design Update

Mo./Day/Yr. Mo./Day/Yr.

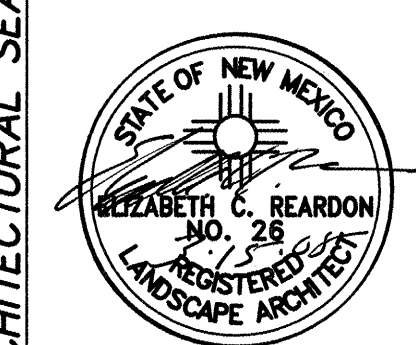
Sheet

AS-BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR'S	DATE
FIELD CHECK BY	DATE
VERIFICATION BY	DATE
RECORDED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

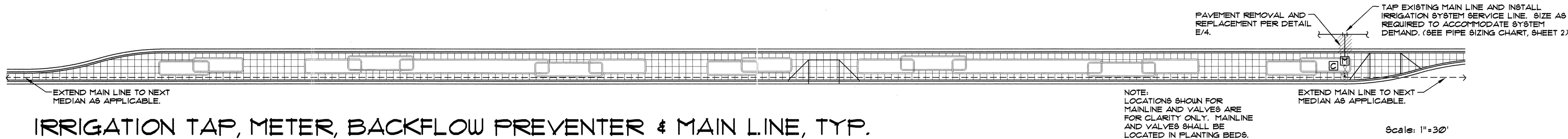
BENCH MARKS

SURVEY INFORMATION

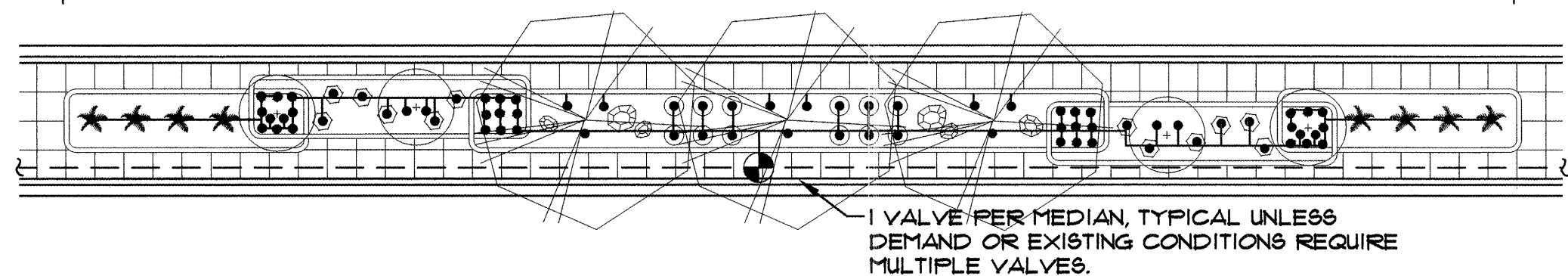
ARCHITECTURAL SEAL



NO.	DATE	REVISIONS	BY
		WILSON & COMPANY, ENGINEERS & ARCHITECTS	
		DESIGNED BY ECR/MAK	MARCH 2005
		DRAWN BY EAC/MAK	MARCH 2005
		CHECKED BY ECR	MARCH 2005

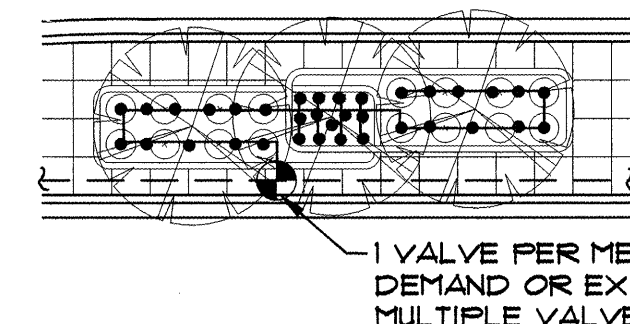


IRRIGATION TAP, METER, BACKFLOW PREVENTER & MAIN LINE, TYP.



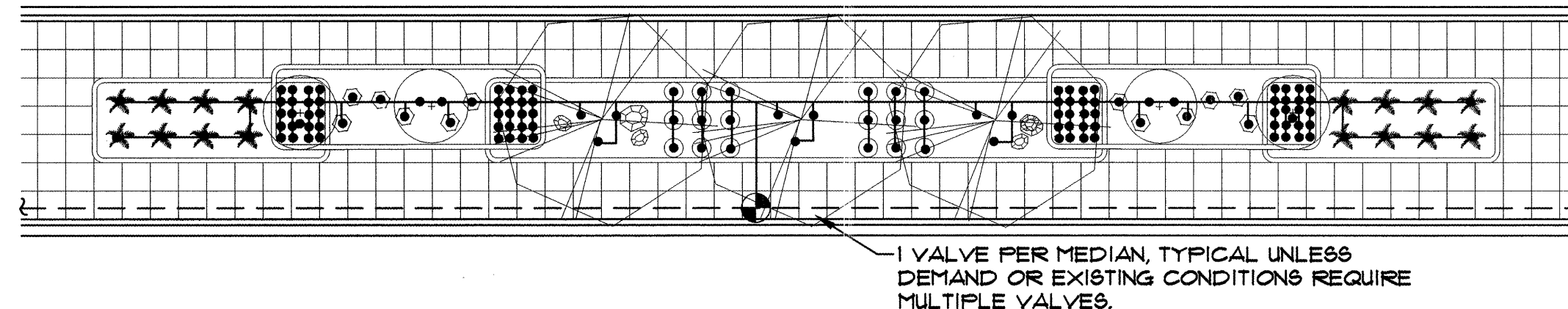
200' POD: TYP. 16' MEDIAN

Scale: 1"=20'



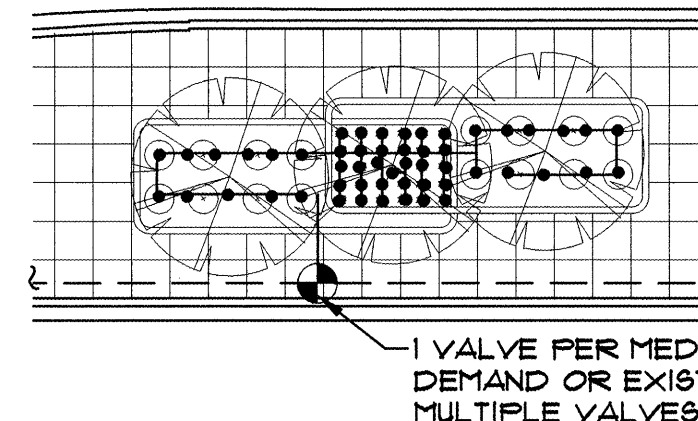
50' POD: TYP. 16' MEDIAN

Scale: 1"=20'



200' POD: WIDE MEDIAN ADAPTATION

Scale: 1"=20'



50' POD: WIDE MEDIAN ADAPTATION

Scale: 1"=20'

IRRIGATION LEGEND

- ☒ WATER METER PER C.O.A. DWG. 2362 OR 2363. SIZE PER METER SIZING CHART, SHEET 2.
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- ☒ ISOLATION VALVE ASSEMBLY, SIZE PER VALVE SIZING CHART, SHEET 2. INSTALL PER C.O.A. DRAWING NO. 2107.
- ☒ FEBCO 825TA 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 #24 AND #25, 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	FSI
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 G GPM

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

IRRIGATION NOTES

- SEE SHEET 2 FOR GENERAL IRRIGATION NOTES.
- CONTRACTOR SHALL SIZE THE IRRIGATION COMPONENTS IN ACCORDANCE WITH THE IRRIGATION SIZING CRITERIA, SHEET 2.
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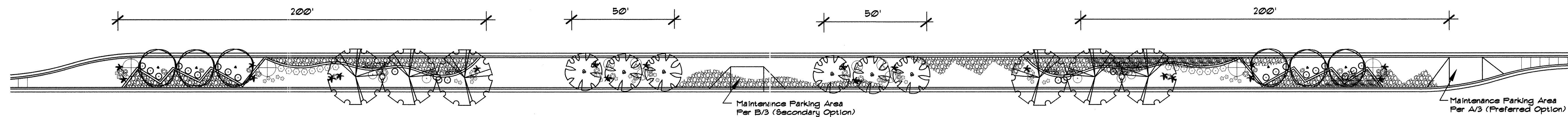
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE F: IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE MAR 15 2005 DESIGN REVIEW COMMITTEE	APPROVE MAR 15 2005 CITY ENGINEER			
City Project No. 754500	Zone Map No.	Sheet 17 of 25		

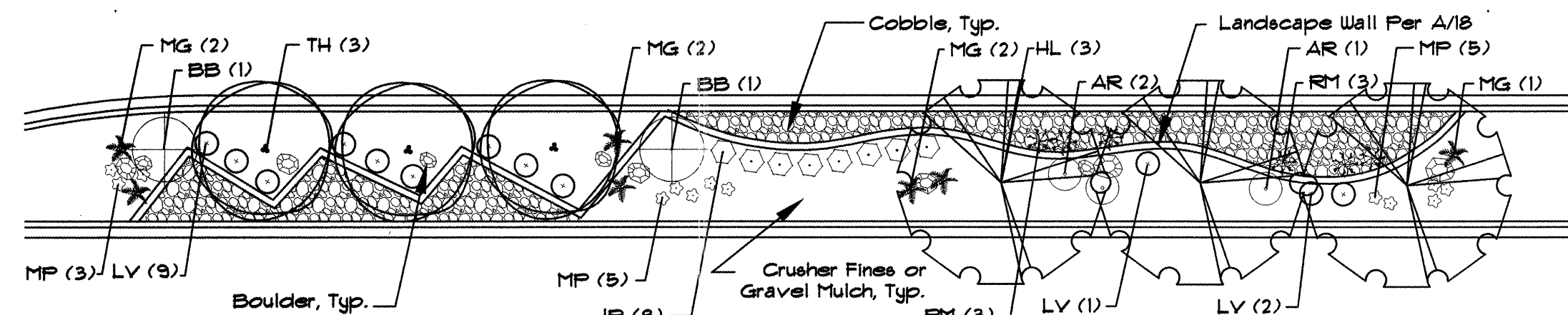
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ARCHITECTURAL SEAL		REVISIONS		BY	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
VERIFICATION BY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





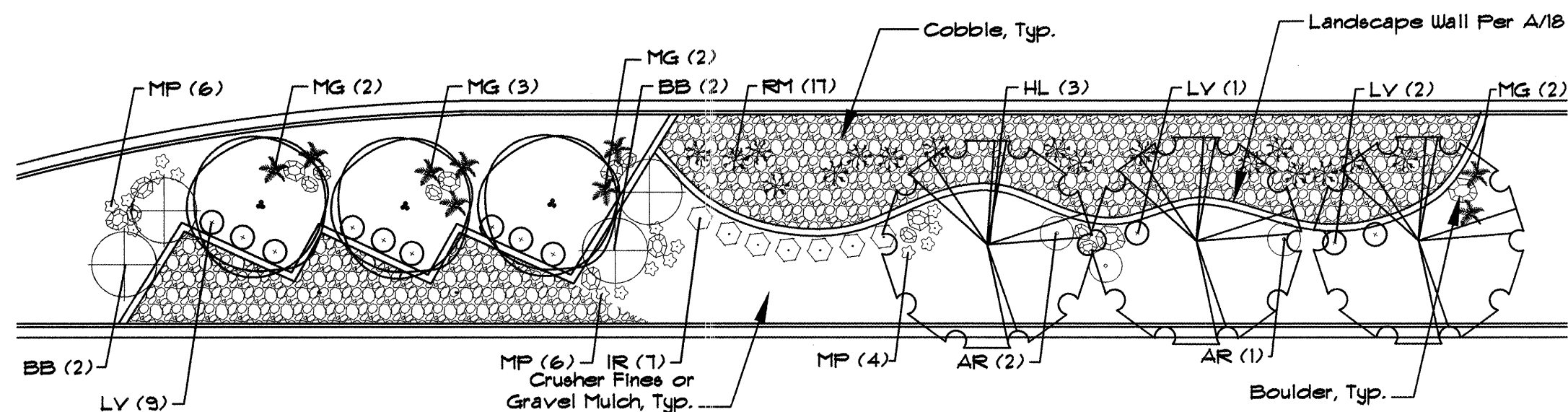
EXAMPLE LAYOUT FOR PODS (TYP. 16' MEDIAN)

Scale: 1"=30'



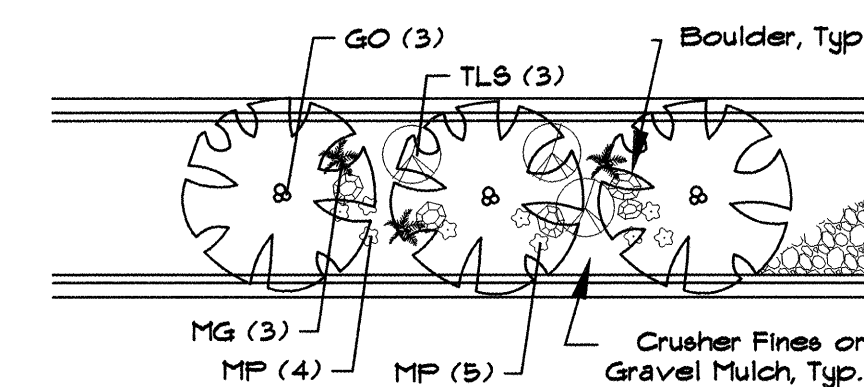
200' POD: TYP. 16' MEDIAN

Scale: 1"=20'



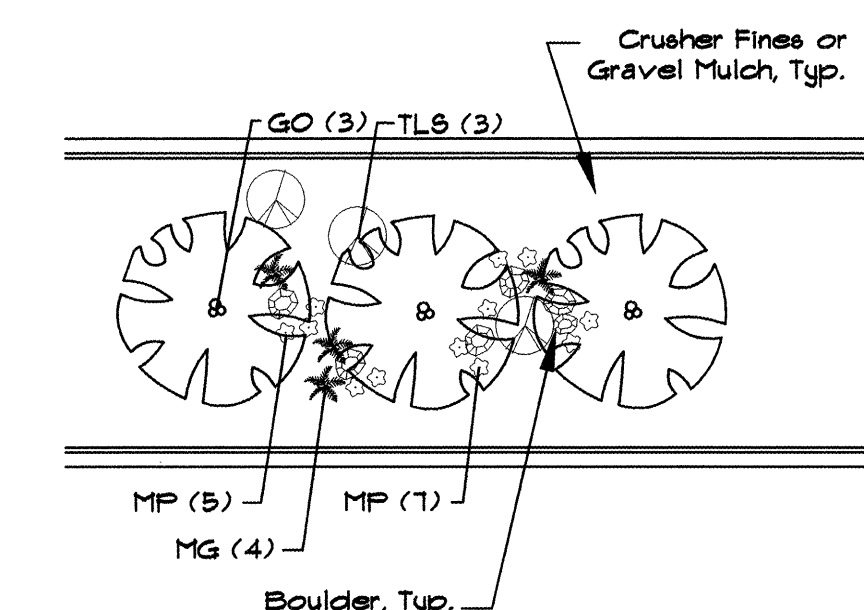
200' POD: WIDE MEDIAN ADAPTATION

Scale: 1"=20'



50' POD: TYP. 16' MEDIAN

Scale: 1"=20'



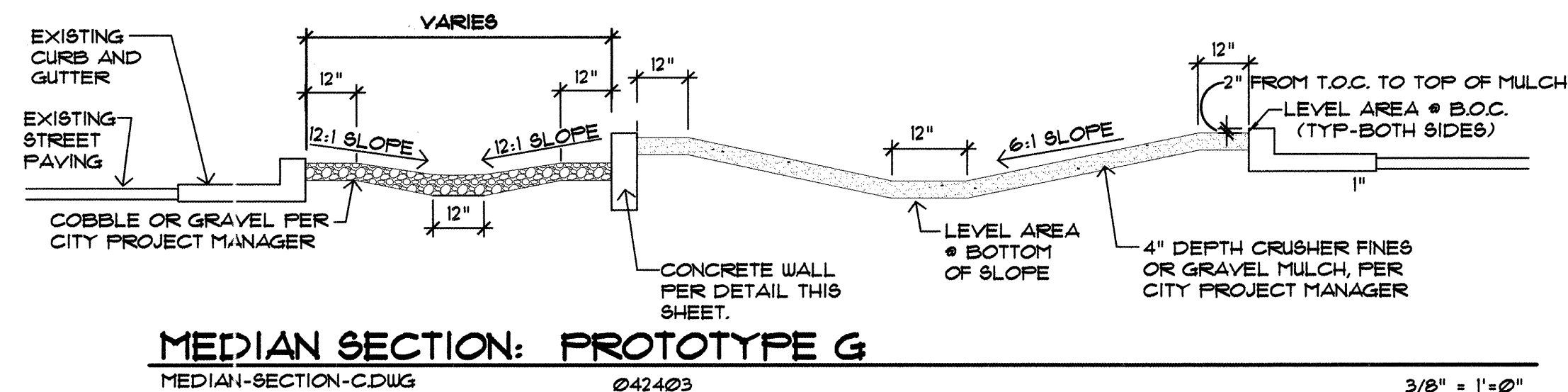
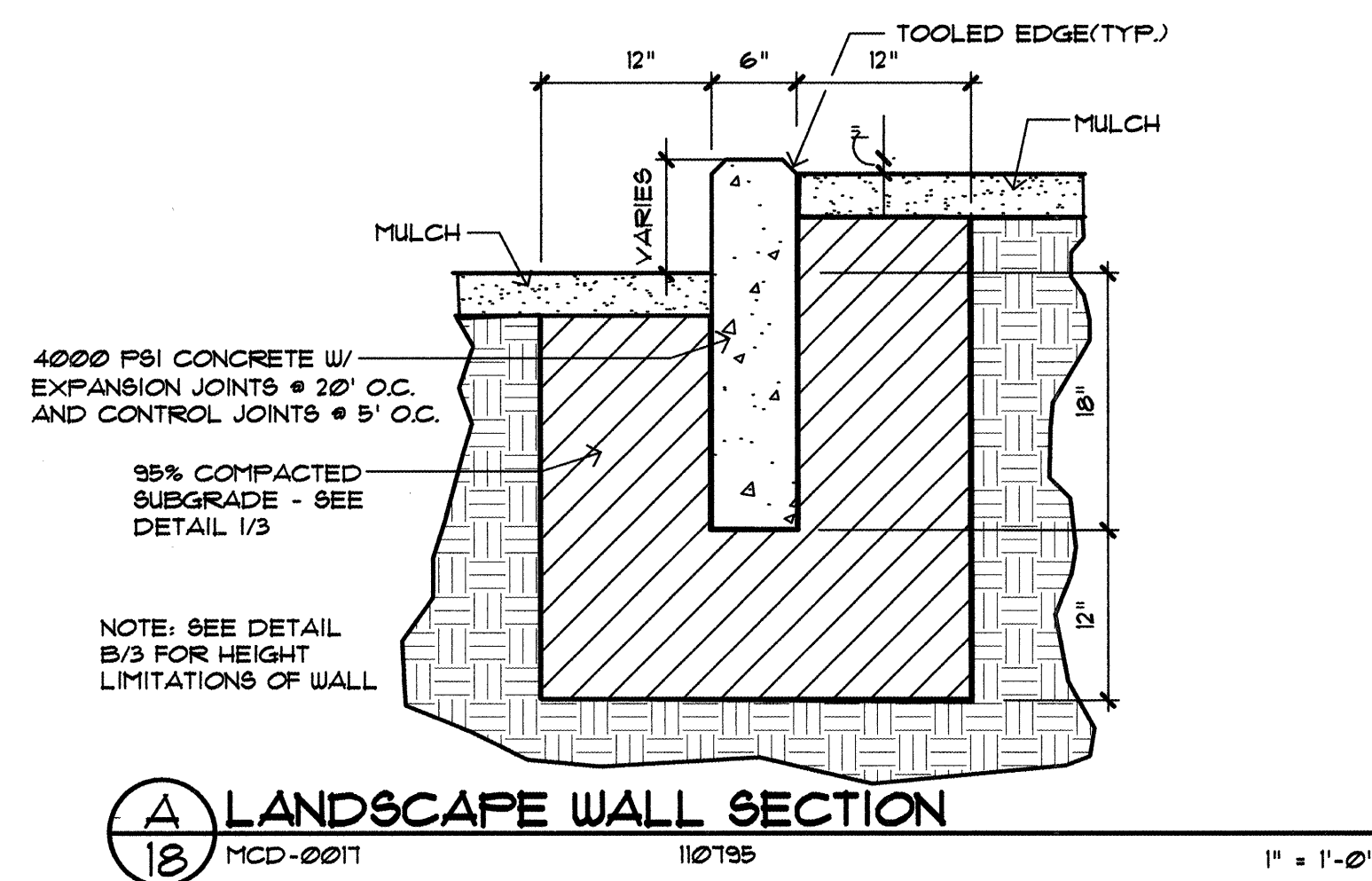
50' POD: WIDE MEDIAN ADAPTATION

Scale: 1"=20'

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

ABBREVIATION	COMMON NAME	ALTERNATIVE SPECIES	ALTERNATIVE SPECIES: WIDE MEDIANS ONLY*	QTY. (200' POD)	QTY. (50' POD)	QTY. (WIDE 200' POD)	QTY. (WIDE 50' POD)
SHADE TREES							
HL	Honey Locust	Raywood Ash Chinese Pistache		3	0	3	0
ACCENT TREES							
TH	Thornless Hawthorn	Desert Willow Ornamental Pear		3	0	3	0
GO	Gambel Oak	Shumard Oak Bechtel Crabapple	Austrian Pine Dwarf Scotch Pine	0	3	0	3
VERTICAL SHRUBS							
BB	Butterfly Bush	Pampas Grass Fern Bush		2	0	4	0
LARGE SHRUBS							
AR	Arp Rosemary	Blue Mist Russian Sage		3	0	3	0
MG	Maiden Grass	Switchgrass Lena's Broom		7	3	9	4
TL8	Threeleaf Sumac	Red Yucca Texas Sage		0	3	0	3
SMALL SHRUBS							
LV	Lavender	Dwarf Rabbitbrush Shrubby Cinquefoil		12	0	12	0
IR	Irene Rosemary	Cherry Sage Broom Dalea		8	0	7	0
RM	Regal Mist	Blue Avena		6	0	17	0
F	Feathergrass	Foerster's Grass		9	0	12	0
PERENNIALS							
MP	Mexican Primrose	Catmint Globe Mallow		13	9	16	12

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



MEDIAN SECTION: PROTOTYPE G

3/8" = 1'-0"

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
INSPECTED BY	DATE
FIELD VERIFICATION BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

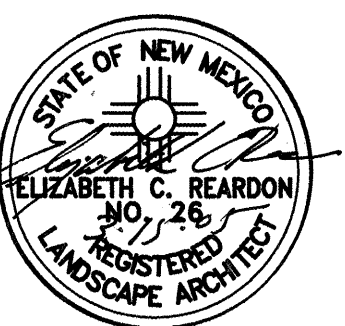
SURVEY INFORMATION

NO.

BY

DATE

ARCHITECTURAL SEAL



NO.

DATE

BY

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY ECR/MAK DATE MARCH 2005

DRAWN BY EAC/MAK DATE MARCH 2005

CHECKED BY ECR DATE MARCH 2005

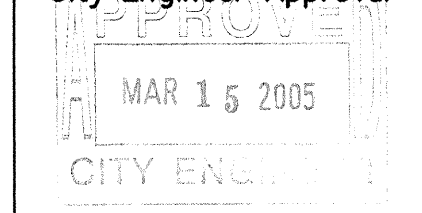
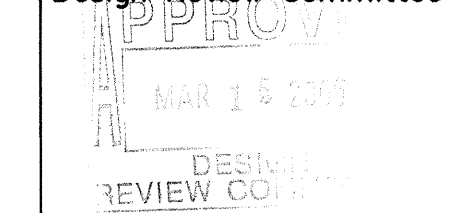


CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE G: PLANTING PLAN

Design Review Committee

City Engineer Approval



City Project No.

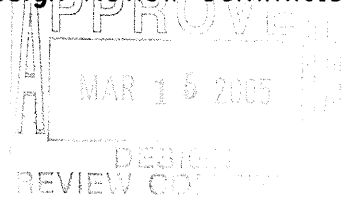
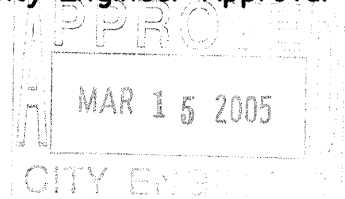
Zone Map No.

Sheet

754500

18 of 25



 MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS 210 La Veta NE, Albuquerque, NM 87106 505.268.2266 FAX 505.265.9637 mrw@mrwm.com												NO. DATE		WILSON & COMPANY DESIGNED BY EAC DRAWN BY CHECKED BY IN CHARGE	
 CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT DESIGN DEVELOPMENT DIVISION															
PROTOTYPE MEDIAN LANDSCAPES FY-04A PROTOTYPE G: IRRIGATION PLAN															
Design Review Committee		City Engineer Approval		Last Design Update		Mo./Day/Yr.		Mo./Day/Yr.							
															
City Project No.				Zone Map No.				Sheet							
754500												19 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



**MORROW
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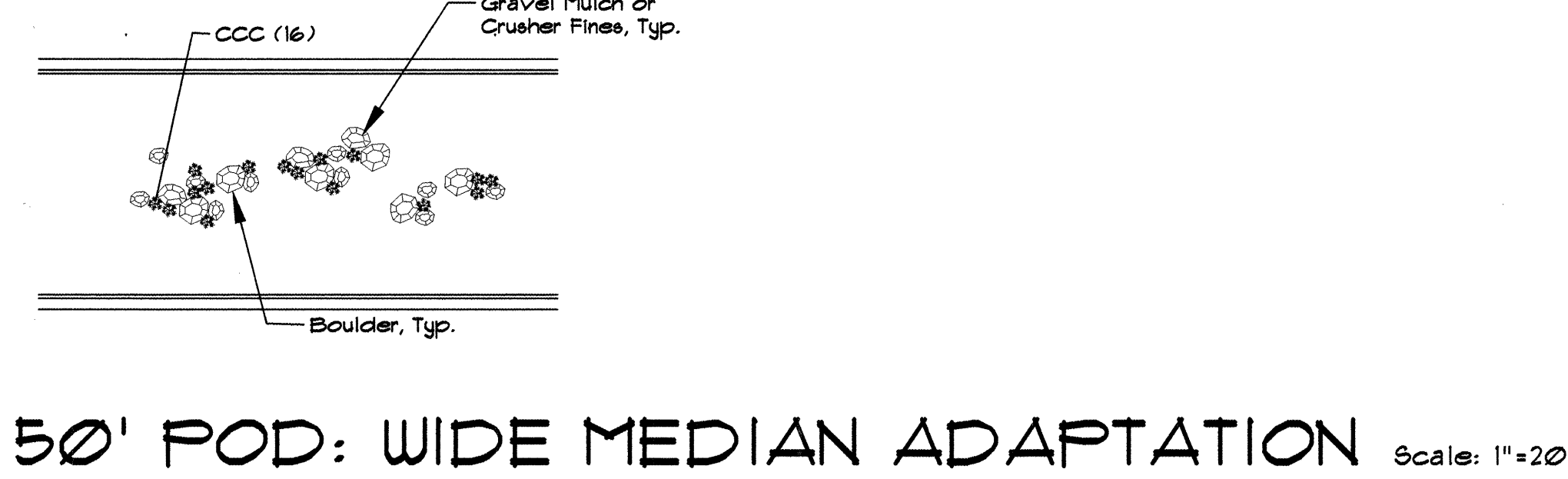
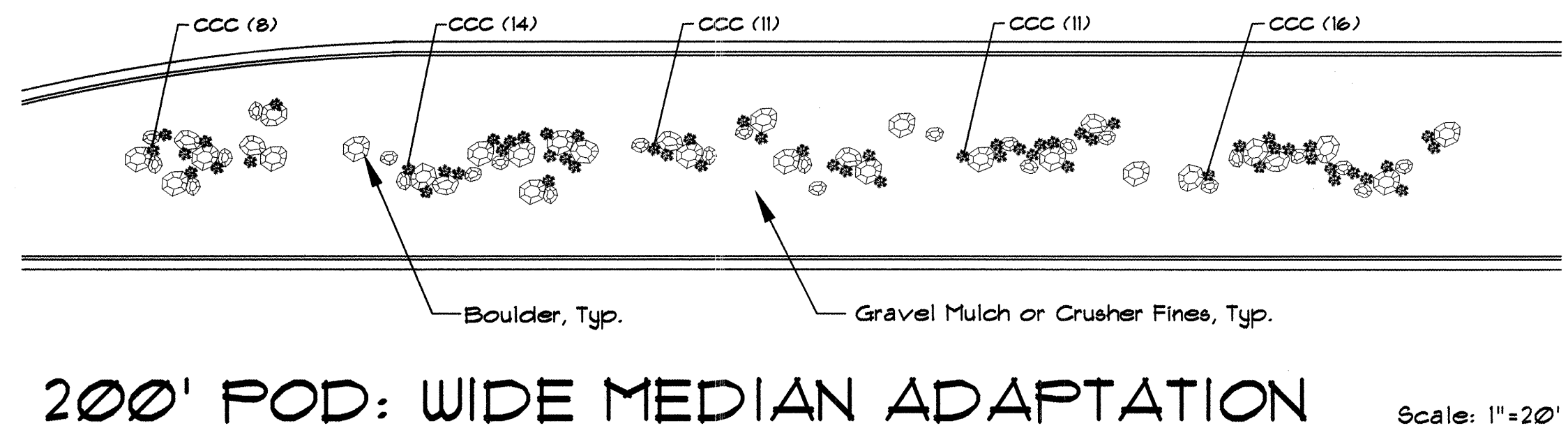
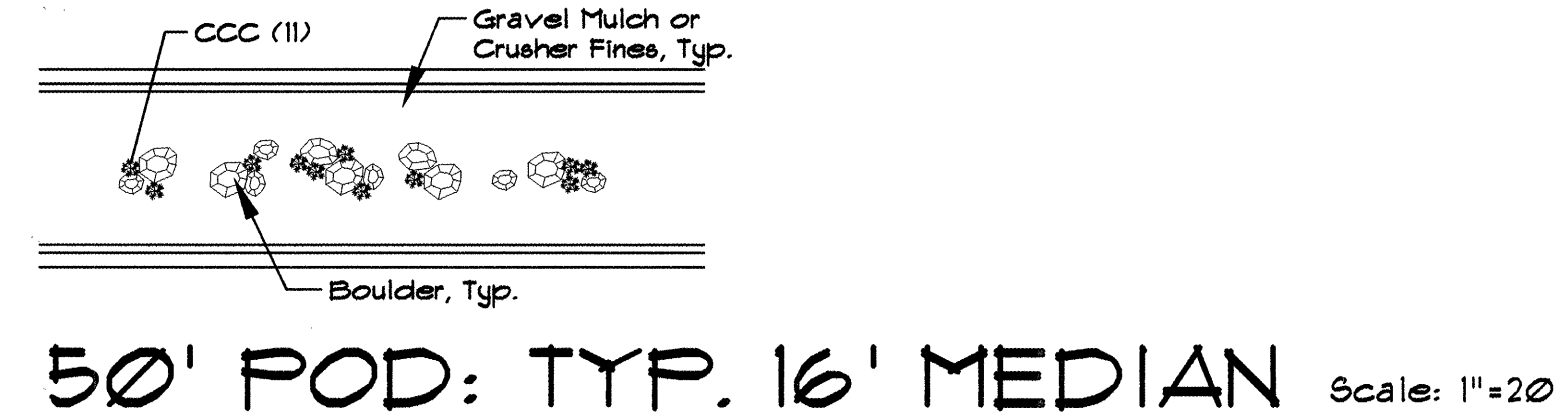
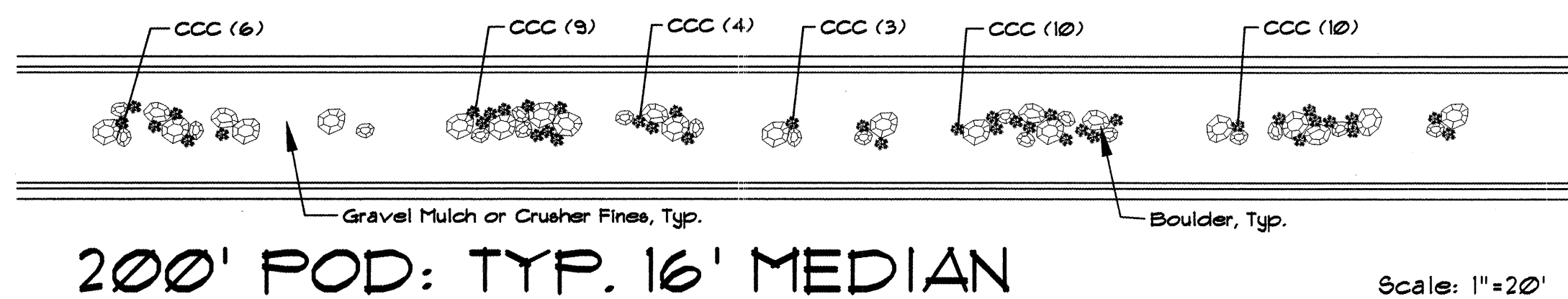
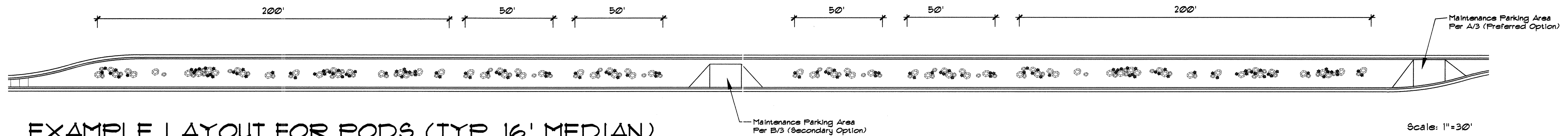
 CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04#
PROTOTYPE H: PLANTING PLAN

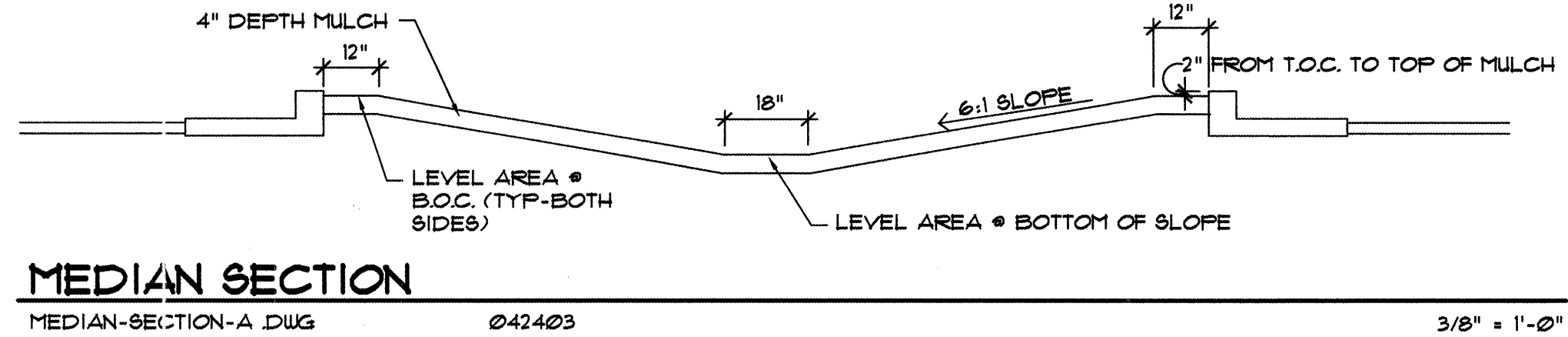
Design Review Committee 		City Engineer Approval 		Last Design Update	Mo./DsY/Yr.	Mo./DsY/Yr.
City Project No. 754500			Zone Map No.		Sheet 20 of 25	



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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)
GROUND COVER CACTI						
CCC	Claret Cup Cactus	Bailey's Lace Cactus Royal Gorge Spiny Hedgehog New Mexico Rainbow Hedgehog	42	11	60	16



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PARKS AND RECREATION DEPARTMENT
DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE I: PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED MAR 15 2005	APPROVED MAR 15 2005			
City Project No. 754500	Zone Map No.	Sheet 22 of 25		

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ARCHITECTURAL SEAL		REVISIONS		MICRO-FILM INFORMATION	
CONTRACTOR	DATE	NO.	DATE	FIELD BY	DATE			NO.	DATE	RECORDED BY	DATE
INSPECTOR'S NAME	DATE	NO.	DATE	NO.	DATE			BY	DATE	NO.	DATE
FIELD VERIFICATION BY	DATE							WILSON & COMPANY, ENGINEERS & ARCHITECTS	DATE		
CONTRACTOR'S NAME	DATE							DESIGNED BY	DATE		
CONTRACTOR'S NAME	DATE							DRAWN BY	DATE		
CONTRACTOR'S NAME	DATE							CHECKED BY	DATE		



Scale: 1"=30'



Scale: 1"=20'



Scale: 1"=20'



Scale: 1"=20'



Scale: 1"=20'



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DESIGN DEVELOPMENT DIVISION

PROTOTYPE MEDIAN LANDSCAPES FY-04A
PROTOTYPE I: IRRIGATION PLAN

Design Review Committee

City-Edison Agency

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Mo./Day/Y

Mo./Day/Yr.

City Project No.

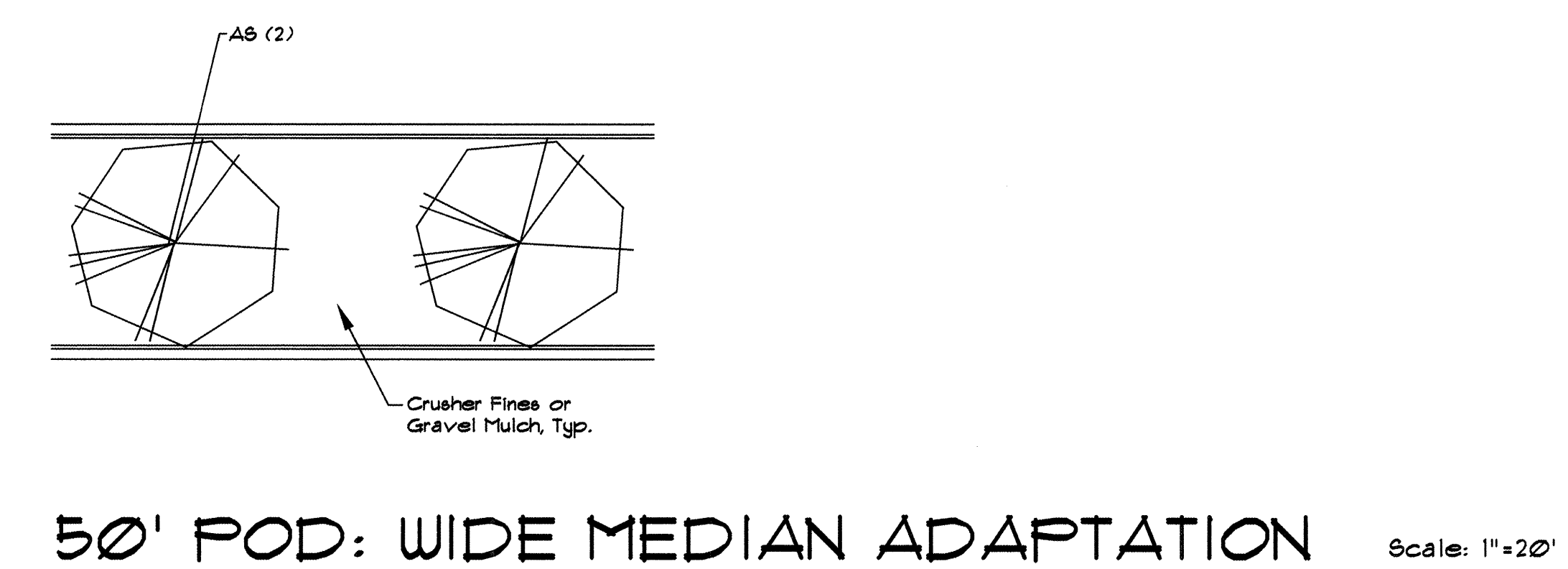
754500

Zone Map No.

Sheet

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4" DEPTH MULCH

12"

18"

6:1 SLOPE

12"

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

LEVEL AREA • B.O.C. (TYP-BOTH SIDES)

LEVEL AREA • BOTTOM OF SLOPE

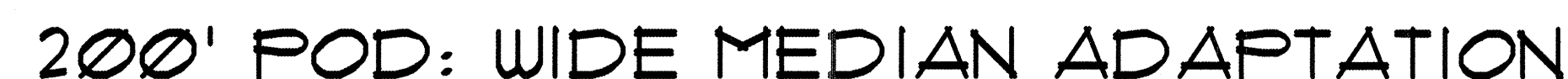
MEDIAN SECTION

MEDIAN-SECTION-A DWG

042403

3/8" = 1'-0"

[illegible]



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