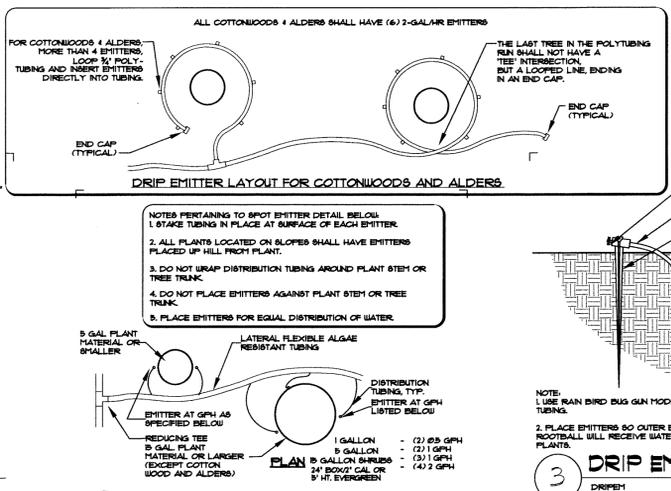
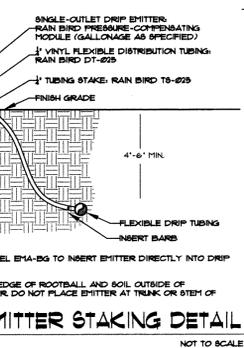


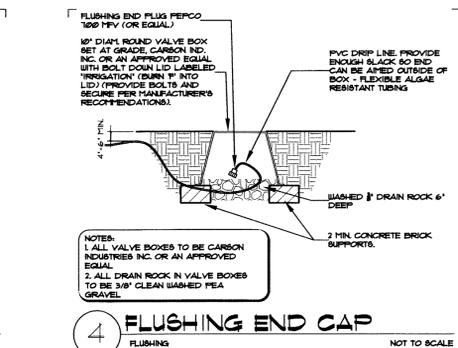
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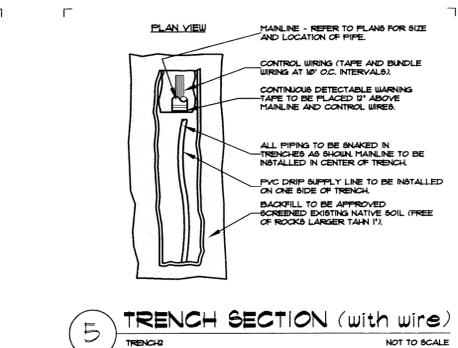
**2 DRIP EMITTER DETAILS**



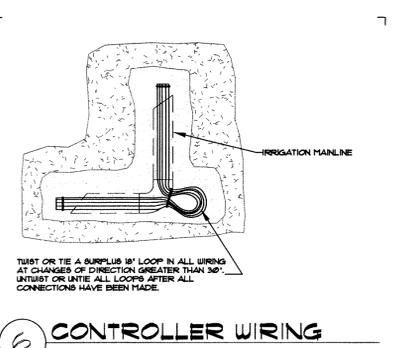
**3 DRIP EMITTER STAKING DETAIL**



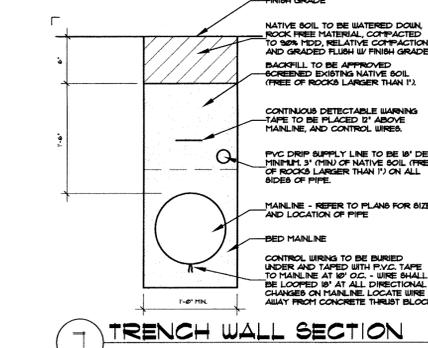
**4 FLUSHING END CAP**



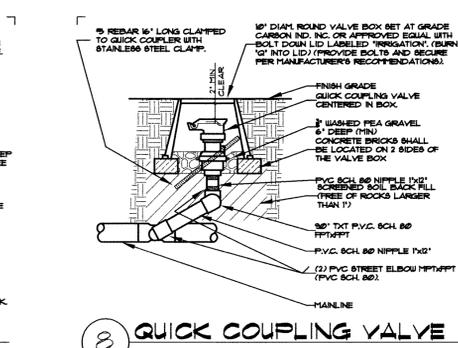
**5 TRENCH SECTION (with wire)**



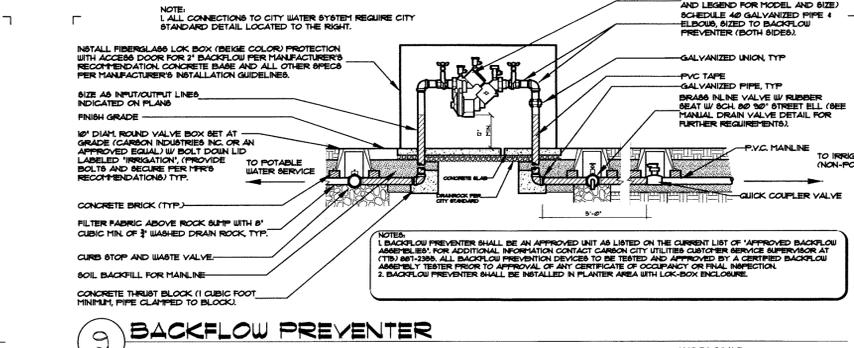
**6 CONTROLLER WIRING**



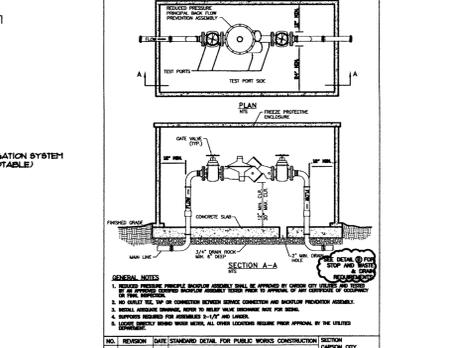
**7 TRENCH WALL SECTION**



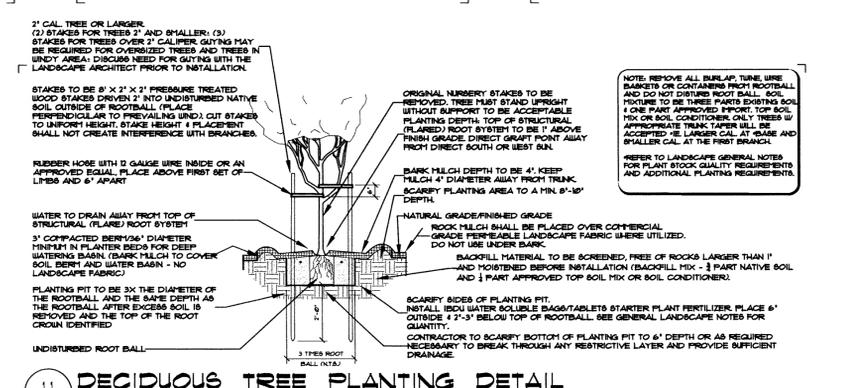
**8 QUICK COUPLING VALVE**



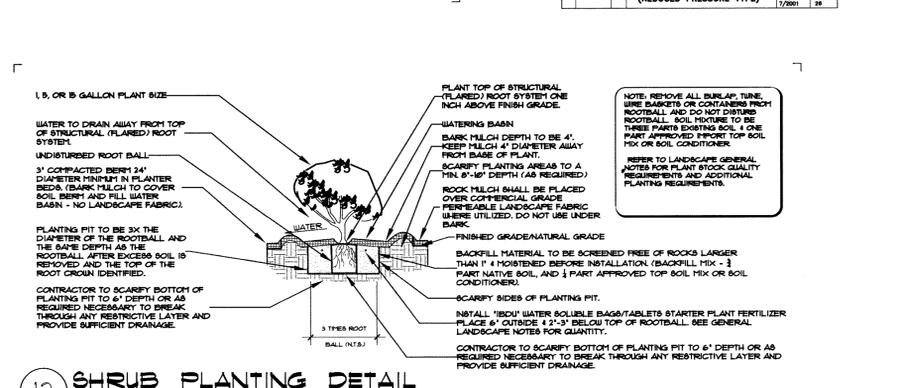
**9 BACKFLOW PREVENTER**



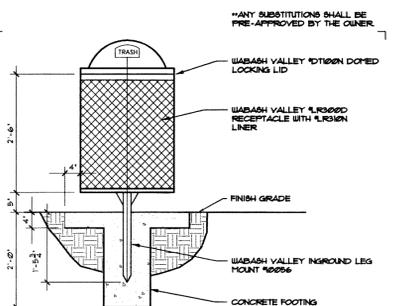
**10 EVERGREEN TREE PLANTING DETAIL**



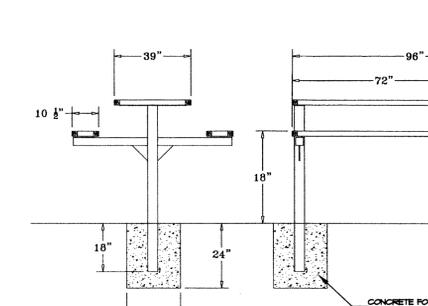
**11 DECIDUOUS TREE PLANTING DETAIL**



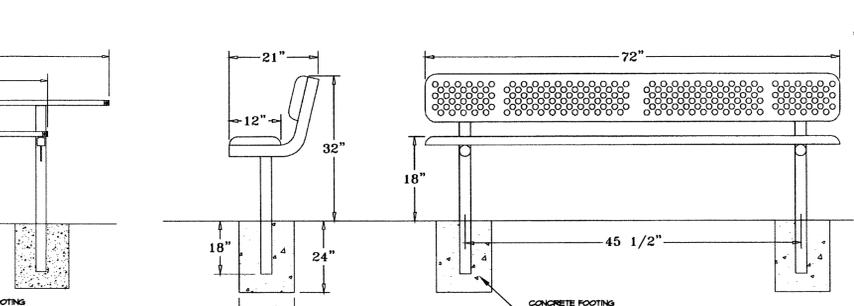
**12 SHRUB PLANTING DETAIL**



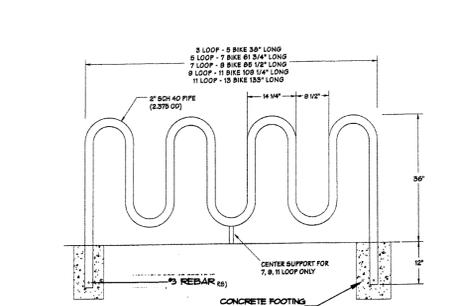
**13 TRASH RECEPTACLE DETAIL**



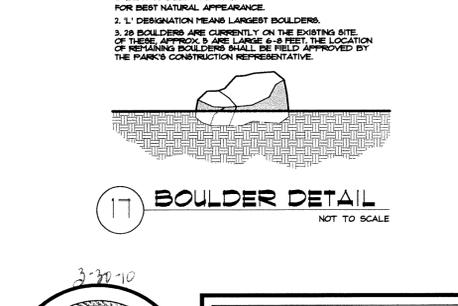
**14 8' ADA PICNIC TABLE DETAIL**



**15 6' BENCH (WITH BACK) DETAIL**



**16 BIKE RACK DETAIL**



**17 BOULDER DETAIL**



**13 TRASH RECEPTACLE DETAIL**



**14 8' ADA PICNIC TABLE DETAIL**



**15 6' BENCH (WITH BACK) DETAIL**



**16 BIKE RACK DETAIL**



**17 BOULDER DETAIL**



**LANDSCAPE ARCHITECT**  
**SANDRA WENDEL**  
 1824 10th STREET, SUITE 3  
 MINDEN, NV 89423  
 (775) 782-8942  
 NV #301 and CA #2806

DATE:	03/30/10	SCALE:	H: N.T.S. V:
DRAWN BY:	MAJ	CHECKED BY:	SW
DESIGNED BY:			
NO.			
DESCRIPTION:	IMPROVEMENT PLANS FOR CARSON CITY WETLANDS		
ENGR. DATE:			
PROJECT NO.	8059.011		
CONSTRUCTION DETAILS	SHT L5 OF 7		

**GENERAL NOTES:**

THESE LANDSCAPE PLANS ARE A PART OF THE CIVIL IMPROVEMENT PLANS FOR CARSON CITY'S FULSTONE WETLANDS ENHANCEMENT SOUTH LOOP, NORTHDRIFTER DRIVE. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN A FULL SET OF THE IMPROVEMENT PLANS ON SITE DURING CONSTRUCTION. FOR GENERAL NOTES, REFER TO SHEET N-1 OF THE CIVIL SHEETS.

**GENERAL LANDSCAPE NOTES:**

CONTRACTOR TO PROVIDE PHOTOGRAPHS OR SAMPLES OF ALL TREE PLANT MATERIAL FOR APPROVAL BY THE OWNER'S REPRESENTATIVE TO SEE IF SPECIFICATIONS ARE MET. THIS DOES NOT GUARANTEE ACCEPTANCE OF ALL TREES UPON DELIVERY TO PROJECT SITE.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION. THE ACQUISITION OF ALL NECESSARY PERMITS ASSOCIATED WITH CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR READING ALL NOTES, CHECKING PLANT NAMES AND CONFIRMING ALL NUMBERS, SIZES, AND PLANT AVAILABILITY PRIOR TO SUBMITTING BID.

IF QUANTITIES LISTED IN THE PLANTING SCHEDULES DO NOT CORRELATE WITH THE QUANTITIES INDICATED ON THE PLANS, THEN PLAN QUANTITIES SHALL GOVERN.

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO INSTALL ALL MATERIALS COMPLETE AND IN PLACE AS SHOWN AND/OR SPECIFIED.

ALL PROPERTY LINES WERE PROVIDED AND ESTABLISHED BY OTHERS - THIS SITE PLAN IS NOT A LEGAL SURVEY.

ROUGH GRADE AND FINISH GRADE SHALL BE ESTABLISHED BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION OF THE IRRIGATION SYSTEM, SITE ELEMENTS OR ANY ROCK MULCH.

ROUGH GRADE IN ALL PLANTING BED AREAS SHALL BE TILLED TO A MINIMUM DEPTH OF 8'-10' PRIOR TO INSTALLATION OF PLANT MATERIAL, CRITICAL IN OLD PARKING LOT AREA.

ALL PLANT MATERIALS SHALL BE #1 GRADE NURSERY STOCK AND WARRANTED FOR ONE YEAR AFTER FINAL PROJECT ACCEPTANCE. REPLACE ANY PLANT WHICH DIES WITHIN TWO WEEKS WITH PLANTS EQUAL TO ORIGINAL MATERIALS USED EXCEPT FOR PLANT LOSSES DUE TO VANDALISM, ACTS OF NATURE, OR NEGLIGENCE BY THE OWNER.

THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE ALL PLANTING BED AREAS TO ESTABLISH ROUGH GRADE AND INSTALL REQUIRED SOIL AMENDMENTS AND ROCK AND DECOMPOSED GRANITE MULCHES. FINISH GRADE SHOULD BE APPROX. 4" BELOW TOP OF ADJACENT FAYING OR CURB IN PLANTING AREAS TO ALLOW FOR ROCK MULCH. MULCH WILL NOT BE PERMITTED TO HEAP UP OR SPILL OVER ONTO ADJACENT SURFACES.

ANY IMPORTED TOPSOIL REQUIRED FOR ESTABLISHMENT OF ROUGH GRADE OR FINISH GRADE SHALL BE NEVADA ORGANIC PREMIUM TOPSOIL MIX OR AN APPROVED EQUAL.

TREE STAKING SHALL BE DONE ON ALL TREES. CONTRACTOR SHALL STAKE AS PER DETAIL. ORIGINAL NURSERY STAKES ON TREES SHALL BE REMOVED BEFORE INSTALLATION. TREES MUST STAND UPRIGHT WITHOUT SUPPORT TO BE ACCEPTABLE.

INSTALL DEWITT PRO 5 LANDSCAPE FABRIC OR AN APPROVED EQUAL UNDER ALL ROCK MULCH AREAS. SECURE TO ROUGH GRADE. DO NOT LEAVE EXPOSED. WEED CLOTH SHALL BE SLIT IN 4 DIRECTIONS AROUND TREES. CUT BACK FABRIC IN 42-INCH DIAMETER CIRCLES AROUND LARGE SPREADING SHRUBS. CUT BACK FABRIC 30-INCH DIAMETER AROUND MEDIUM SHRUBS. ALL OTHER SHRUBS AND PERENNIALS SHOULD ALLOW 18-24 INCHES CLEARANCE FOR NEW STEM DEVELOPMENT.

ALL PLANTING PITS SHALL BE EITHER HAND OR BACKHOE DUG (NO AUGER). THE BOTTOM AND SIDES OF THE PLANTING PITS SHALL BE SCARIFIED BEFORE INSTALLATION OF THE PLANT MATERIAL. HOLES SHALL BE 3 TIMES AS WIDE AS THE ROOTBALL DIAMETER, THE SAME DEPTH AS THE ROOTBALL AND BACKFILLED WITH AN APPROVED SOIL MIX.

ALL PLANTING BEDS SHALL BE STRIPPED AND CLEARED OF ALL LAWN, ROOTS, WEEDS, AND DEBRIS AND SHALL BE RAKED TO A SMOOTH AND EVEN GRADE PRIOR TO PLANT MATERIAL INSTALLATION.

'1B.D.U.' WATER SOLUBLE STARTER PLANT FERTILIZER TABLETS OR AN APPROVED EQUAL SHALL BE INSTALLED IN ALL PLANTING PITS. USE 1 PER 1-GALLON CONTAINER, 3 PER 5-GALLON CONTAINER, AND 5 PER 15-GALLON CONTAINER/ 2' CAL. OR LARGER TREE.

CONTRACTOR TO APPLY AN APPROVED PRE-EMERGENT HERBICIDE THROUGHOUT ALL PLANTING AREAS PRIOR TO PLACING MULCH. NO PRE-EMERGENT HERBICIDE SHALL BE APPLIED AROUND DAYLILYS. ADD GRANULAR PRE-EMERGENT HERBICIDE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS PRIOR TO INSTALLING WEED FABRIC AND ROCK MULCH.

FINAL LOCATION OF ALL LANDSCAPE PLANT MATERIAL SHALL BE SET BY THE CONTRACTOR ACCORDING TO THE PLANS AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION.

NO PLANTS SHALL BE PLACED TO CONFLICT OR CREATE CONFLICT W/ SIGNS, LIGHTS, UTILITIES, ETC. IF PLANT LOCATION WILL CAUSE A CONFLICT, CONTACT THE LANDSCAPE ARCHITECT.

ALL PERENNIAL AND GROUNDCOVER AREAS SHALL BE HAND SET BY THE CONTRACTOR IN AREAS SHOWN ON DRAWINGS AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION.

THE CONTRACTOR SHALL REMOVE ALL FLAGGING, STRING, BURLAP, TWINE, TIES, CONTAINERS AND WIRE BASKETS FROM ALL PLANT MATERIAL. DO NOT DISTURB ROOTBALLS. REMOVE ANY EXCESS SOIL ON TREES OR SHRUBS THAT HAS ACCUMULATED DURING THE PACKAGING & SHIPPING PROCESS. (BIB STOCK - ESPECIALLY!) IN ORDER TO DETERMINE PROPER PLANTING DEPTH IN ORDER TO PLACE ROOTBALL AT 1" ABOVE GRADE. CLEAN DOWN TO THE TOP OF STRUCTURAL (FLARED) ROOT SYSTEM.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROVIDE EFFECTIVE DUST CONTROL OF ALL PREPARED SOIL AREAS.

ALL TREES TO BE #1 GRADE NURSERY STOCK AND MEET CURRENT INDUSTRY QUALITY STANDARDS ADOPTED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, ANSI Z60 AND NRS 595 (REGULATIONS OF NURSERY AND NURSERY STOCK).

- ALL TREES TO INCLUDE THE FOLLOWING:
- NO GIRDLING, KINKED, CIRCLING OR 'U' ROOTS.
- NO TREES THAT HAVE BEEN TOPPED.
- NO WOUNDS IN THE TRUNK BARK OR ON LIMBS.
- TO BE INSECT AND DISEASE FREE, RODENT AND MECHANICAL DAMAGE FREE.
- NO TREES THAT HAVE LARGE NURSERY STAKES THROUGH ROOTBALL OR HAVE BEEN GROWN ON A NURSERY STAKE.
- ROOTBALL TO BE APPROPRIATE TO CALIFER AND CROWN SIZE.
- TRUNK CROWN STRUCTURE AND TRUNK TAPER TO BE APPROPRIATE FOR THE SPECIES.
- ALL GRAFT UNIONS TO BE HEALTHY WITH TRUNK DIAMETER BELOW UNION LARGER THAN ABOVE UNION.
- ALL TREES TO STAND UPRIGHT WITHOUT STAKES.
- ROOTS, BARK AND SHOOT GROWTH TO GIVE EVIDENCE OF GOOD TREE VIGOR.
- ANY REPLACEMENT OF PLANT STOCK TO BE EQUAL TO ORIGINAL SPECIFICATION AND APPROVED BY THE OWNER'S REPRESENTATIVE.

ALL PLANTING BEDS SHALL HAVE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.

ALL BOX TREES TO BE STAKE FREE NURSERY STOCK, NO LARGE STAKES THROUGH ROOTBALL. REMOVE TAGS FROM STAKES.

THE CONTRACTOR SHALL SPACE PLANT MATERIALS TO ACCOMMODATE EVERGREEN TREE GROWTH. SPACE ALL SHRUBS/ GROUND COVERS/ PERENNIALS A MINIMUM OF 8' AWAY FROM ANY EVERGREEN TREE TRUNK.

ANY SUBSTITUTION OF PLANT MATERIAL TO BE SUBMITTED IN WRITING FOR APPROVAL BY THE OWNER'S REPRESENTATIVE.

A 48 HR. MIN. NOTICE TO THE OWNER'S REPRESENTATIVE IS REQUIRED FOR PLANT MATERIAL, SPACING, AND LAYOUT REVIEW PRIOR TO PLANTING. A 48 HR. MIN. NOTICE TO THE CARSON CITY URBAN FORESTER (775) 884-1883 TO REVIEW TREES UPON ARRIVAL AT SITE IS REQUIRED.

THE CONTRACTOR SHALL INSPECT THE SITE REGULARLY TO REVIEW THE CONDITION OF ALL PLANTINGS. IF ANY CHANGES IN THE OVERALL MAINTENANCE PROGRAM ARE REQUIRED TO IMPROVE THE CONDITIONS TO AN ACCEPTABLE STANDARD, THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING. OTHERWISE THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR THE CONDITION OF THE PLANTINGS AND MUST HONOR THE GUARANTEE. ANY PLANTS REPLACED UNDER THIS GUARANTEE SHALL BE GUARANTEED FOR ONE FULL YEAR FROM THE DATE OF REPLACEMENT.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE MAINTENANCE OF THE ENTIRE IRRIGATION SYSTEM & ALL LANDSCAPING UNTIL FINAL PROJECT ACCEPTANCE. AFTER FINAL PROJECT ACCEPTANCE ALL PROJECT MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CARSON CITY PARKS & RECREATION DEPARTMENT.

**GENERAL IRRIGATION NOTES:**

ALL PLUMBING AND ELECTRICAL WORK SHALL BE COMPLETED AS PER ALL LOCAL CODES.

INSTALLATION OF MATERIALS SHALL BE PER MANUFACTURERS RECOMMENDATIONS OR AS SPECIFIED. NO EXTRA PAYMENT WILL BE MADE WHERE PIPING MUST BE OFFSET TO AVOID EXISTING CONDITIONS, OTHER WORK OR WHERE CHANGES ARE NECESSARY TO FACILITATE INSTALLATION.

THE IRRIGATION SYSTEM SHALL BE CONSTRUCTED FOR COMPRESSED AIR BLOW OUT AND SHALL BE BLOWN DRY AFTER THE FIRST FROST IN THE FALL, BY THE CONTRACTOR.

ALL MATERIALS SHALL BE NEW, WITHOUT FLAWS AND CONSIDERED THE BEST AVAILABLE IN STOCK. THE COMPLETE SYSTEM SHALL HAVE A ONE-YEAR WARRANTY AFTER FINAL PROJECT ACCEPTANCE ON ALL PARTS AND LABOR.

PRIOR TO FINAL PROJECT ACCEPTANCE, THE CONTRACTOR SHALL INSTRUCT THE OWNER, OR HIS REPRESENTATIVE, IN THE PROPER OPERATION, MAINTENANCE, AND WINTERIZATION OF THE ENTIRE IRRIGATION SYSTEM.

THE CONTRACTOR SHALL PROVIDE AND KEEP CURRENT A COMPLETE SET OF RECORD DRAWINGS WHICH SHALL BE CORRECTED DAILY TO SHOW CHANGES IN THE ORIGINAL DRAWINGS. ALL MAINLINE PIPING AND VALVE LOCATIONS SHALL BE SHOWN WITH ACTUAL MEASUREMENTS TO REFERENCE POINTS. THESE DRAWINGS SHALL BE SUBMITTED TO THE PARKS AND RECREATION DEPARTMENT PRIOR TO FINAL PAYMENT.

WHEN THE SYSTEM IS COMPLETE, THE CONTRACTOR SHALL PERFORM A COVERAGE TEST. THE IRRIGATION SYSTEM SHALL PROVIDE 100% COVERAGE OF ALL LANDSCAPE PLANTING BED AREAS.

ALL IRRIGATION MAINLINE PIPING & LATERAL PIPING SHALL BE SCHEDULE 40 PVC PIPE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SETTling IN THE IRRIGATION TRENCHES OR ASSOCIATED IRRIGATION WORK AS A WARRANTY ITEM.

ALL IRRIGATION VALVES SHALL BE LOCATED IN 'CARSON INDUSTRIES INC.' VALVE BOXES WITH LOCKING COVERS (OR APPROVED EQUAL). SIZE OF VALVE BOXES SHALL VARY WITH NUMBER OF VALVES LOCATED IN BOX WITH A MAXIMUM OF (2) VALVES PER BOX. ALL VALVE BOX LID ELEVATIONS SHALL BE SET FLUSH WITH FINISHED LAWN LEVEL. WHERE INSTALLATION IN LAWN IS REQUIRED, PROVIDE BOX SIZE THAT WILL ALLOW 6" CLEARANCE AROUND ALL SIDES OF VALVES. PROVIDE BOLTS PER MANUFACTURER'S RECOMMENDATIONS AND SECURE EACH VALVE BOX.

ON ALL THREADED JOINTS WITHIN THE IRRIGATION SYSTEM, THE CONTRACTOR SHALL USE 2-3 FULL TURNS OF TEFLON TAPE AT EACH CONNECTION. CONTRACTOR MAY USE TEFLON PASTE AS A LUBRICANT WITH TEFLON TAPE, BUT NOT AS A SUBSTITUTE FOR TEFLON TAPE.

RAINBIRD PEN-TITE OR KINGWIRE SPLICE WIRE CONNECTORS SHALL BE USED ON ALL FIELD WIRE SPLICES AND CONNECTIONS.

ALL CONTROL WIRE SHALL BEAR A U/L APPROVED LABEL FOR DIRECT UNDERGROUND BURIAL IN NATIONAL ELECTRIC CODE CLASS II CIRCUITS. AWG SIZES: MINIMUM SIZE #12. ALL CONTROL WIRE RUNS LESS THAN 1000' SHALL HAVE NO SPLICES. IF A SPLICE OCCURS ON A FIELD CONTROL WIRE, THE CONTRACTOR SHALL INSTALL THE SPLICE IN A 6" ROUND VALVE BOX OR JUNCTION BOX, IF APPROVED BY THE OWNER'S REPRESENTATIVE. OTHERWISE THE ENTIRE FIELD CONTROL WIRE SHALL BE REMOVED & REPLACED.

TAPE AND BUNDLE ALL CONTROL WIRE TO BOTTOM OF MAINLINE PIPE AT 10' O.C.

IRRIGATION VALVE BOXES ARE TO BE INSTALLED IN LANDSCAPE PLANTING BEDS OR OTHER PROTECTED AREAS.

THE CONTRACTOR SHALL INSTALL SCHEDULE 40 GALVANIZED PIPING 5' ON EITHER SIDE OF THE BACKFLOW PREVENTER, WITH ONE SET OF UNION JOINTS AS DEPICTED IN THE STANDARD DETAIL FOR REMOVAL.

FILTER FABRIC ABOVE ALL ROCK SUMP SHALL BE DEWITT PRO 5 WEED BARRIER OR AN APPROVED EQUAL.

IRRIGATION MAINLINE TO BE BURIED 24" BELOW FINISHED GRADE AND ALL PVC DRIP SUPPLY LINE PIPING TO BE BURIED 18" BELOW FINISHED GRADE. ALL 3/4" DRIP IRRIGATION TUBING TO BE BURIED 4" - 6" BELOW FINISH GRADE.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION. THE ACQUISITION OF ALL NECESSARY PERMITS ASSOCIATED WITH CONSTRUCTION SHALL BE THE CONTRACTORS RESPONSIBILITY.

TWIST OR TIE A SURPLUS OF 18" LOOP IN ALL WIRING AT CHANGES OF DIRECTION GREATER THAN 90'. UNTWIST OR UNTIE ALL LOOPS AFTER ALL CONNECTIONS HAVE BEEN MADE.

ALL GALVANIZED PIPE IN CONTACT WITH SOIL SHALL BE COVERED WITH P.V.C. TAPE TO PREVENT PIPE CORROSION (PER UNIFORM PLUMBING CODE).

THE CONTRACTOR SHALL INSTALL A BRASS INLINE MUELLER CURB STOP AND WASTE VALVE AT THE BACKFLOW PREVENTER (SIZE TO MATCH MAINLINE) (AS PER DETAIL). THE STOP AND WASTE VALVES SHALL HAVE A RUBBER SEAT.

THE CONTRACTOR SHALL INSTALL EXTRA SETS OF FIELD CONTROL WIRES OF SEPARATE COLOR TO THE CONTROLLER AND THROUGH EACH VALVE BOX LOCATION AS SPECIFIED IN THE DRAWINGS. PROVIDE 3' OF COILED WIRE IN VALVE BOX.

PIPE DOPE SHALL NOT BE USED ANYWHERE ON THE IRRIGATION SYSTEM.

NO 3/4" PVC LATERAL PIPE SHALL BE USED ANYWHERE ON THE IRRIGATION SYSTEM.

THE CONTRACTOR SHALL EXPOSE ENDS OF ALL IRRIGATION SLEEVES. ANY BROKEN OR SHATTERED ENDS OF THE IRRIGATION SLEEVES SHALL BE CUT TO A CLEAN END BEFORE INSTALLATION OF EITHER MAINLINE PIPE, LATERAL LINES OR DRIP IRRIGATION TUBING. ALL SLEEVE ENDS SHALL BE INSPECTED BY PARKS & RECREATION DEPT. STAFF BEFORE BURYING.

FINAL CONNECTION OF THE VALVE WIRES TO THE CONTROLLER SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

THE CONTRACTOR SHALL AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND UTILITIES WHICH MAY EFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE SAME.

THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER AND/OR TELEPHONE, WATER, GAS AND SEWER FACILITIES SO AS TO SAFELY PROTECT ALL UTILITIES, PERSONNEL, AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

ALL MAINLINES SHALL BE PRESSURE TESTED AT 15 TIMES THE STATIC PRESSURE FOR A MINIMUM 2 HOUR PERIOD PRIOR TO BACKFILLING OF TRENCHES. TEST WILL BE CONSIDERED SUCCESSFUL IF NO PRESSURE LOSS OCCURS DURING THE TWO HOURS. IF ANY LEAKS ARE PRESENT THEY SHALL BE CORRECTED AND LINES SHALL BE RE-TESTED PRIOR TO BACKFILLING TRENCHES.

PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF SMALLER PIPE SIZES SHALL BE PERMITTED, BUT SUBSTITUTIONS OF LARGER SIZES MAY BE APPROVED. ALL DAMAGED AND REJECTED PIPE SHALL BE REMOVED FROM THE SITE AT THE TIME OF SAID REJECTION.

THE CONTRACTOR SHALL FLUSH ALL LATERALS AND EMITTER LINES PRIOR TO INSTALLING EMITTERS. EMITTERS TO BE INSTALLED IN THE FOLLOWING RATIOS: (2) 5 GPH EM/ 1 AND 2 GAL PLANT, (2) 1 GPH EM/ 5 GAL PLANT, (3) 1 GPH EM/ 15 GAL PLANT AND (4) 2 GPH EM/ PER TREE.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK. HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS, FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS UNDER SIDEWALKS AND FAYING.

SHOULD DISCREPANCIES ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS WHICH REQUIRE FIELD MODIFICATIONS OR PLAN REVISIONS, THE OWNER'S REPRESENTATIVE SHALL BE CONTACTED PRIOR TO CONSTRUCTION FOR RESOLUTION OR PLAN REVISION.

DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.

CONTRACTOR SHALL COORDINATE ALL WORK ASSOCIATED WITH RAINMASTER CONTROLLER WITH REGIONAL RAINMASTER REPRESENTATIVE, CARROLL WOOD, PHONE NUMBER: 1-800-556-5544.

**IRRIGATION INSPECTIONS/APPROVALS:**

ALL APPROVALS TO BE BY THE CITY AUTHORIZED IRRIGATION INSPECTOR BOB TOWNSEND (775-721-1406). CONTRACTOR SHALL SUBMIT RECORD AS-BUILT DRAWINGS TO THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE FOR IN-FIELD INSPECTION & VERIFICATION.

THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE SHALL BE PRESENT FOR THE FOLLOWING TESTS & INSPECTIONS:

- COVERAGE TEST.
OPEN TRENCH PRESSURE TEST.
OPEN TRENCH MAINLINE AND PVC DRIP SUPPLY LINE INSPECTION.
OPEN TRENCH CONTROL WIRE INSPECTION.
FINAL LOCATION OF IRRIGATION CONTROLLER & VALVE WIRE HOOK-UP.
LAYOUT OF THE PVC DRIP SUPPLY LINE & DRIP SYSTEM.
AUTOMATIC OPERATION OF THE DRIP SYSTEM.
RAINMASTER SYSTEM HOOKUP & PERFORMANCE TEST.

THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE BEFORE ANY IRRIGATION TRENCHES ARE BACKFILLED FOR INSPECTION. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR DIGGING UP SELECTED AREAS FOR SPOT CHECKING QUALITY OF WORKMANSHIP AT NO COST TO THE OWNER.

THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE SHALL PERFORM A FINAL WALK THROUGH INSPECTION AFTER BEING NOTIFIED BY THE CONTRACTOR OF 100% PROJECT COMPLETION.

**LANDSCAPE INSPECTIONS/APPROVALS:**

ALL APPROVALS TO BE BY THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE.

- 1. ROUGH GRADE AND FINISH GRADE, SHALL BE REVIEWED & APPROVED BEFORE INSTALLATION OF THE IRRIGATION SYSTEM & SITE ELEMENTS.
2. FINISH GRADE OF ALL PLANTING BED AREAS SHALL BE REVIEWED & APPROVED BEFORE INSTALLATION OF MULCH. ROCK MULCH SHALL BE PLACED SO THAT THE SOIL SURFACE IS NOT SHOWING.
3. ALL TREES & SHRUBS TO BE APPROVED UPON DELIVERY, PRIOR TO INSTALLATION.
4. FIELD PLACEMENT OF ALL BOULDERS SHALL BE REVIEWED & APPROVED.
5. THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE SHALL PERFORM A FINAL WALK THROUGH INSPECTION AFTER BEING NOTIFIED BY THE CONTRACTOR OF 100% PROJECT COMPLETION.

THE CONTRACTOR SHALL SUBMIT THE BELOW ITEMS FOR REVIEW & APPROVAL AS REQUIRED BY THE DRAWINGS:

- 1. GROUNDCOVER MULCHES:
3'x8' ROUNDED RIVER ROCK (CLEAN & WASHED)
DECOMPOSED GRANITE & FRACTURED RIVER ROCK
2. PROPOSED PRE-EMERGENT HERBICIDE

DATE: 03/30/10 SCALE: H: N/A V: DRAWN BY: MAL DESIGNED BY: SW CHECKED BY: SW PROJECT NO. 8059.011 GENERAL NOTES SHT L6 OF 7

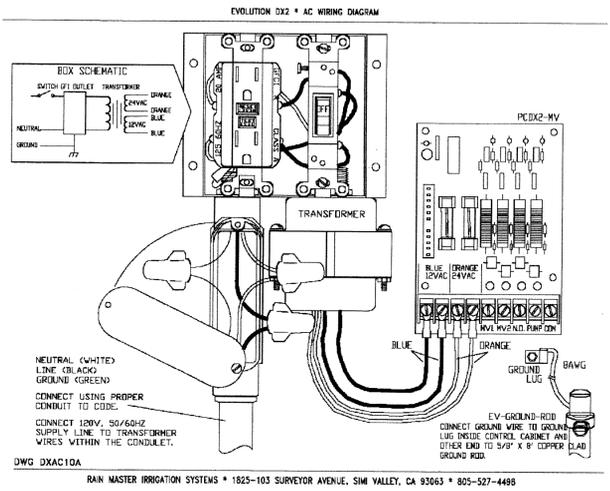
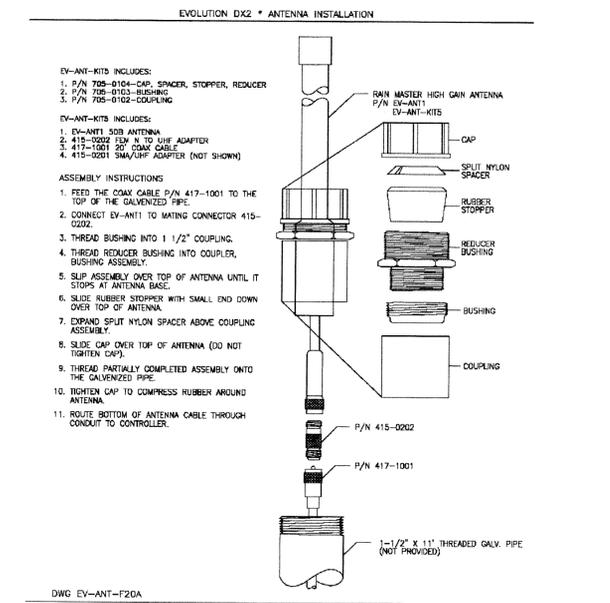
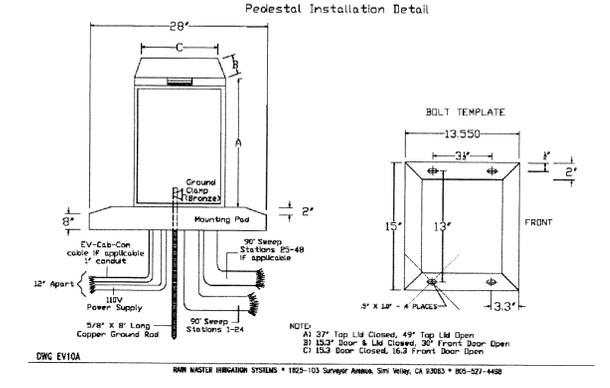
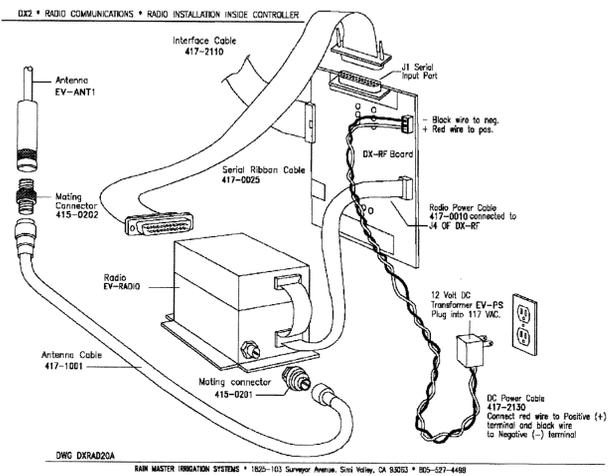
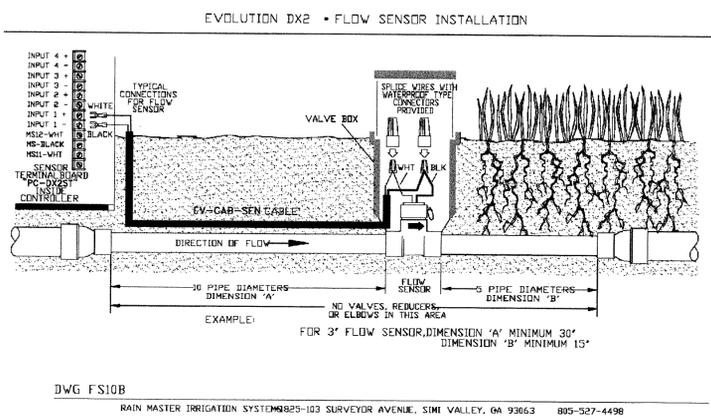
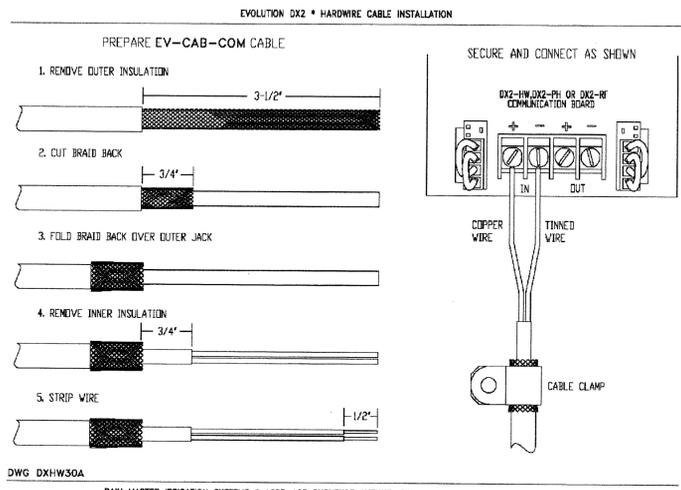
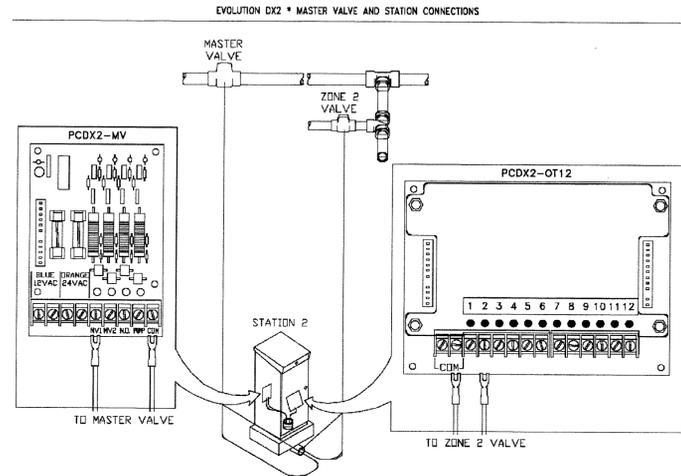
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DATE: 03/30/10	SCALE: H: N.T.S. V:	DESIGNED BY: MAL	CHECKED BY: SW
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LANDSCAPE ARCHITECT  
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