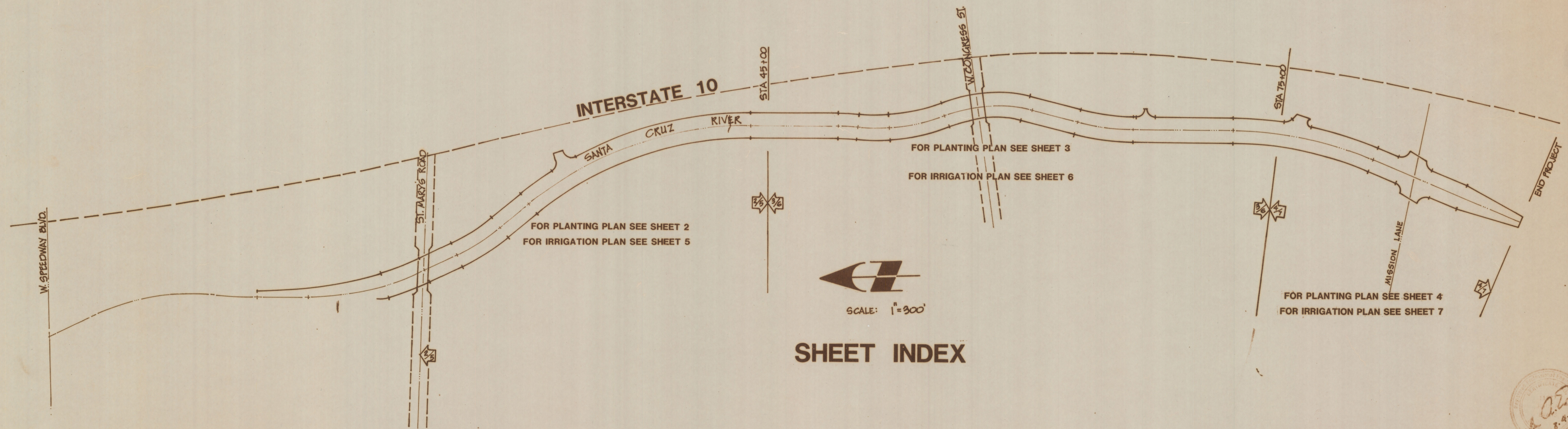


SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2-4	PLANTING PLAN
5-7	IRRIGATION PLAN
8-9	ENTRY PLAN
10	PARK LAYOUT & GRADING PLAN
11	PARK PLANTING PLAN
12	PARK IRRIGATION PLAN



SHEET INDEX

	SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA		SHEET 1
	DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: <i>SK</i> CHECK BY: <i>SK</i>	APPROV. <i>CB</i> DATE: <i>8-9-82</i>	REVISION: 8-20-81, 10-2-82, 11-3-82, 1-15-83, 4-8-83	
MICHAEL BYRNE Landscape Architect	BWA group Site Planning • Landscape Architecture • Urban Design Environmental & Resource Planning •	CELIA BARR ASSOCIATES 2015 North State Avenue Tucson, Arizona 85705 (520) 624-7800	

E-2019-002

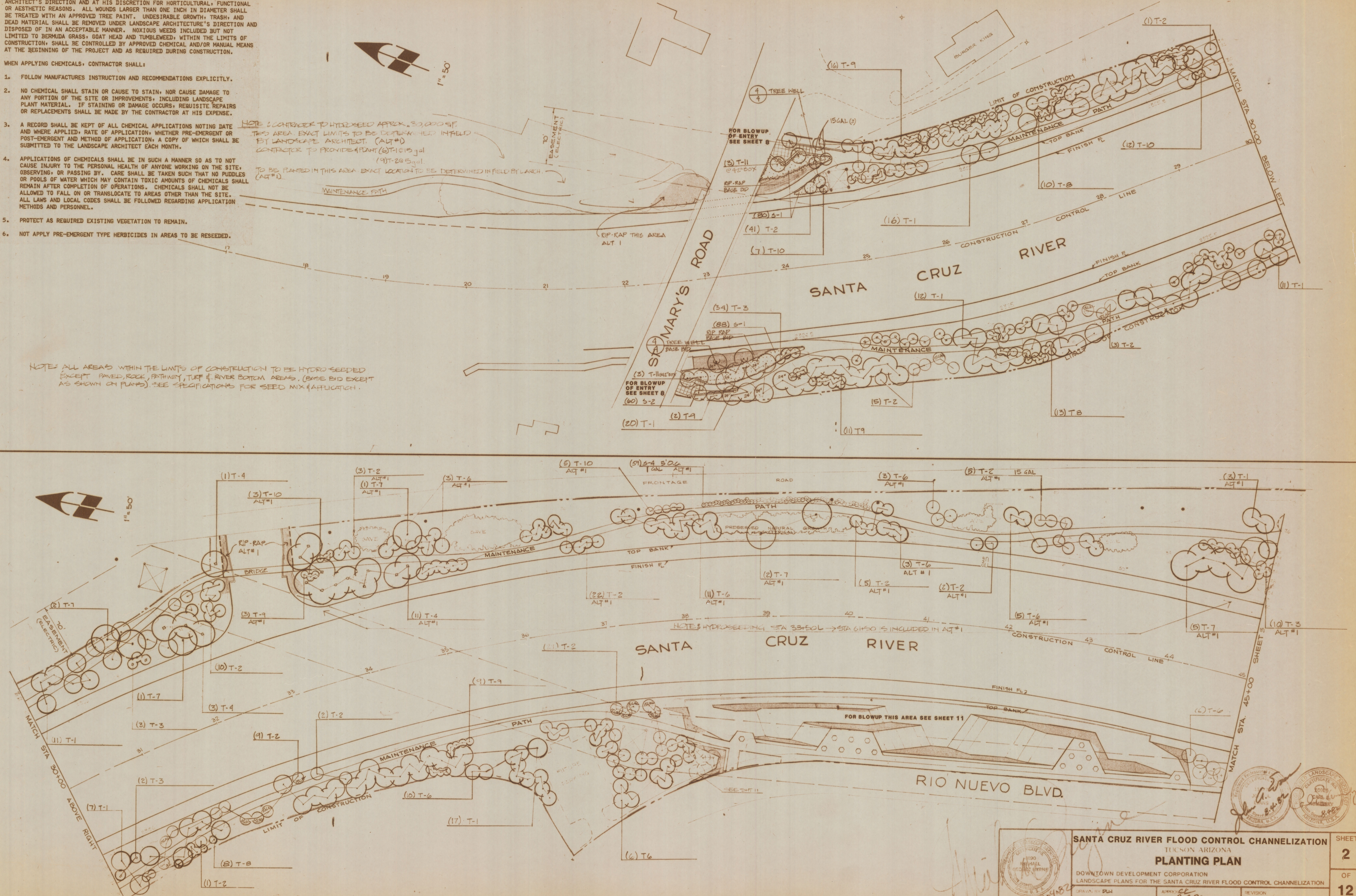
ALL EXISTING VEGETATION TO BE PRESERVED SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION. ALL TREES ARE SUBJECT TO PRUNING UNDER LANDSCAPE ARCHITECT'S DIRECTION AND AT HIS DISCRETION FOR HORTICULTURAL, FUNCTIONAL OR AESTHETIC REASONS. ALL WOUNDS LARGER THAN ONE INCH IN DIAMETER SHALL BE TREATED WITH AN APPROVED TREE PAINT. UNDESIRABLE GROWTH, TRASH, AND DEAD MATERIAL SHALL BE REMOVED UNDER LANDSCAPE ARCHITECTURE'S DIRECTION AND DISPOSED OF IN AN ACCEPTABLE MANNER. NOXIOUS WEEDS INCLUDED BUT NOT LIMITED TO BERMUDA GRASS, GOAT HEAD AND TUMBLEWEED, WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE CONTROLLED BY APPROVED CHEMICAL AND/OR MANUAL MEANS AT THE BEGINNING OF THE PROJECT AND AS REQUIRED DURING CONSTRUCTION.

WHEN APPLYING CHEMICALS, CONTRACTOR SHALL:

1. FOLLOW MANUFACTURERS INSTRUCTION AND RECOMMENDATIONS EXPLICITLY.
2. NO CHEMICAL SHALL STAIN OR CAUSE TO STAIN, NOR CAUSE DAMAGE TO ANY PORTION OF THE SITE OR IMPROVEMENTS, INCLUDING LANDSCAPE PLANT MATERIAL. IF STAINING OR DAMAGE OCCURS, REQUISITE REPAIRS OR REPLACEMENTS SHALL BE MADE BY THE CONTRACTOR AT HIS EXPENSE.
3. A RECORD SHALL BE KEPT OF ALL CHEMICAL APPLICATIONS NOTING DATE AND WHERE APPLIED, RATE OF APPLICATION, WHETHER PRE-EMERGENT OR POST-EMERGENT AND METHOD OF APPLICATION, A COPY OF WHICH SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT EACH MONTH.
4. APPLICATIONS OF CHEMICALS SHALL BE IN SUCH A MANNER SO AS TO NOT CAUSE INJURY TO THE PERSONAL HEALTH OF ANYONE WORKING ON THE SITE, OBSERVING, OR PASSING BY. CARE SHALL BE TAKEN SUCH THAT NO PUDDLES OR POOLS OF WATER WHICH MAY CONTAIN TOXIC AMOUNTS OF CHEMICALS SHALL REMAIN AFTER COMPLETION OF OPERATIONS. CHEMICALS SHALL NOT BE ALLOWED TO FALL ON OR TRANSLocate TO AREAS OTHER THAN THE SITE. ALL LAWS AND LOCAL CODES SHALL BE FOLLOWED REGARDING APPLICATION METHODS AND PERSONNEL.
5. PROTECT AS REQUIRED EXISTING VEGETATION TO REMAIN.
6. NOT APPLY PRE-EMERGENT TYPE HERBICIDES IN AREAS TO BE RESEDED.

NOTE: CONTRACTOR TO HYDROSEED APPROX. 30,000 SQ. FT. THIS AREA. EXACT LIMITS TO BE DETERMINED IN FIELD BY LANDSCAPE ARCHITECT. (ALT#1) CONTRACTOR TO PROVIDE 4 PLANT (2) T-10 15 gal (9) T-20 5 gal. TO BE PLANTED IN THIS AREA. EXACT LOCATION TO BE DETERMINED IN FIELD BY LARCH. (ALT#1)

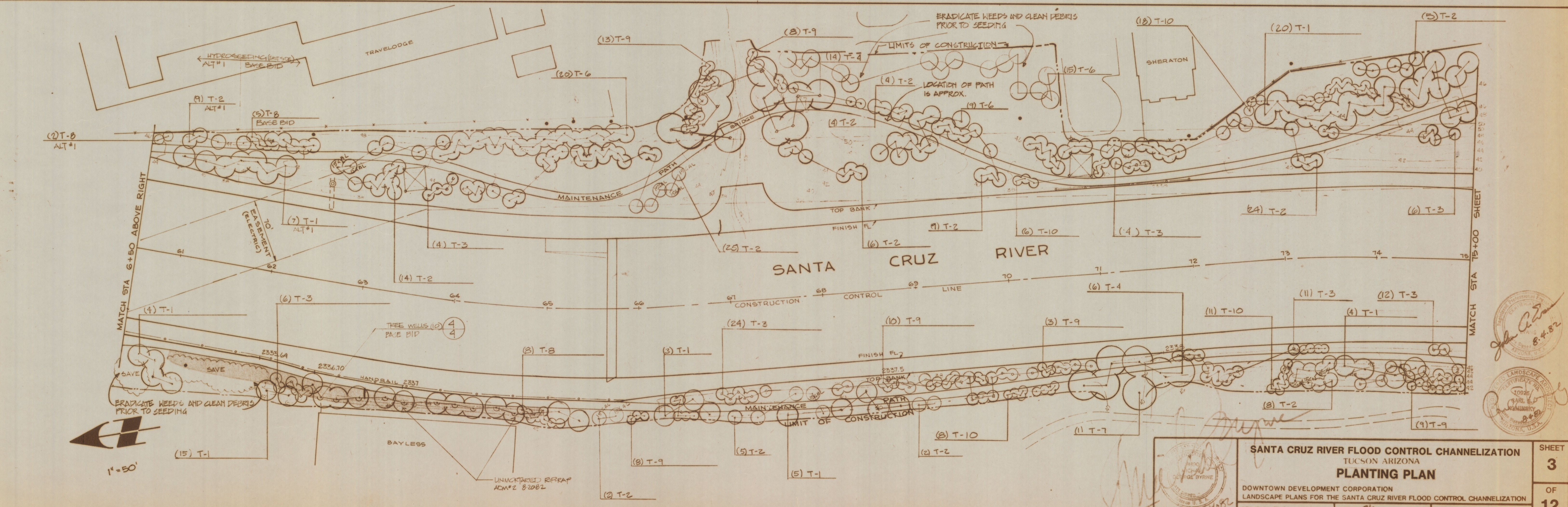
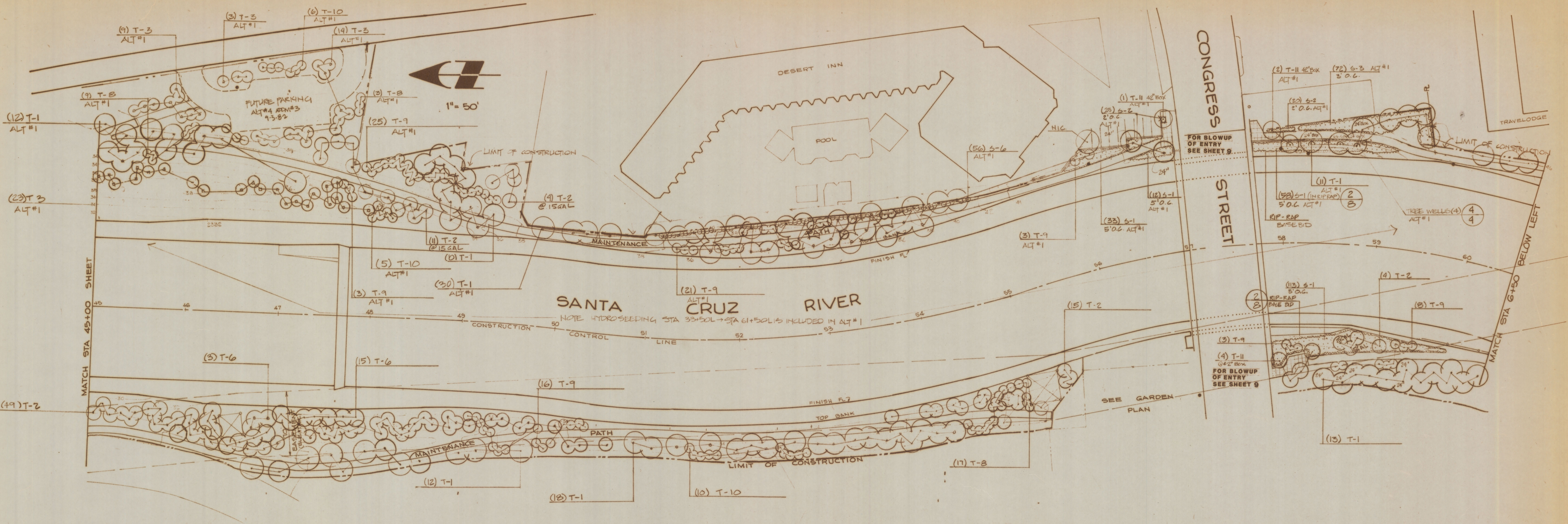
NOTE: ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION TO BE HYDRO SEEDED EXCEPT PAVED, ROCK, PATHWAY, TUF & RIVER BOTTOM AREAS. (BASE BID EXCEPT AS SHOWN ON PLANS). SEE SPECIFICATIONS FOR SEED MIX & APPLICATION.



NOTE: FOR IRRIGATION SEE SHEET 5

E-2019-002

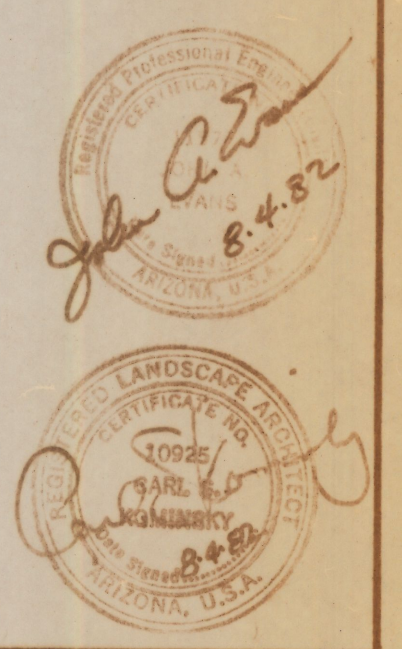
	SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA PLANTING PLAN		SHEET 2
	DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: MB CHECKED BY: CK DATE: 8-4-82	APPROVED BY: MB DATE: 8-4-82	REVISION:	
MICHAEL BYRNE Landscape Architect	SWB GROUP <small>Site Planning • Landscape Architecture • Urban Design Engineering & Resource Planning •</small> 380 Broadway, Suite 200, Laguna Beach, CA 92653 • (714) 837-5471	CBA CELLA BARR ASSOCIATES <small>Professional Engineers 1000 North Central Expressway, Suite 100, San Jose, CA 95128 • (415) 435-1100</small>	

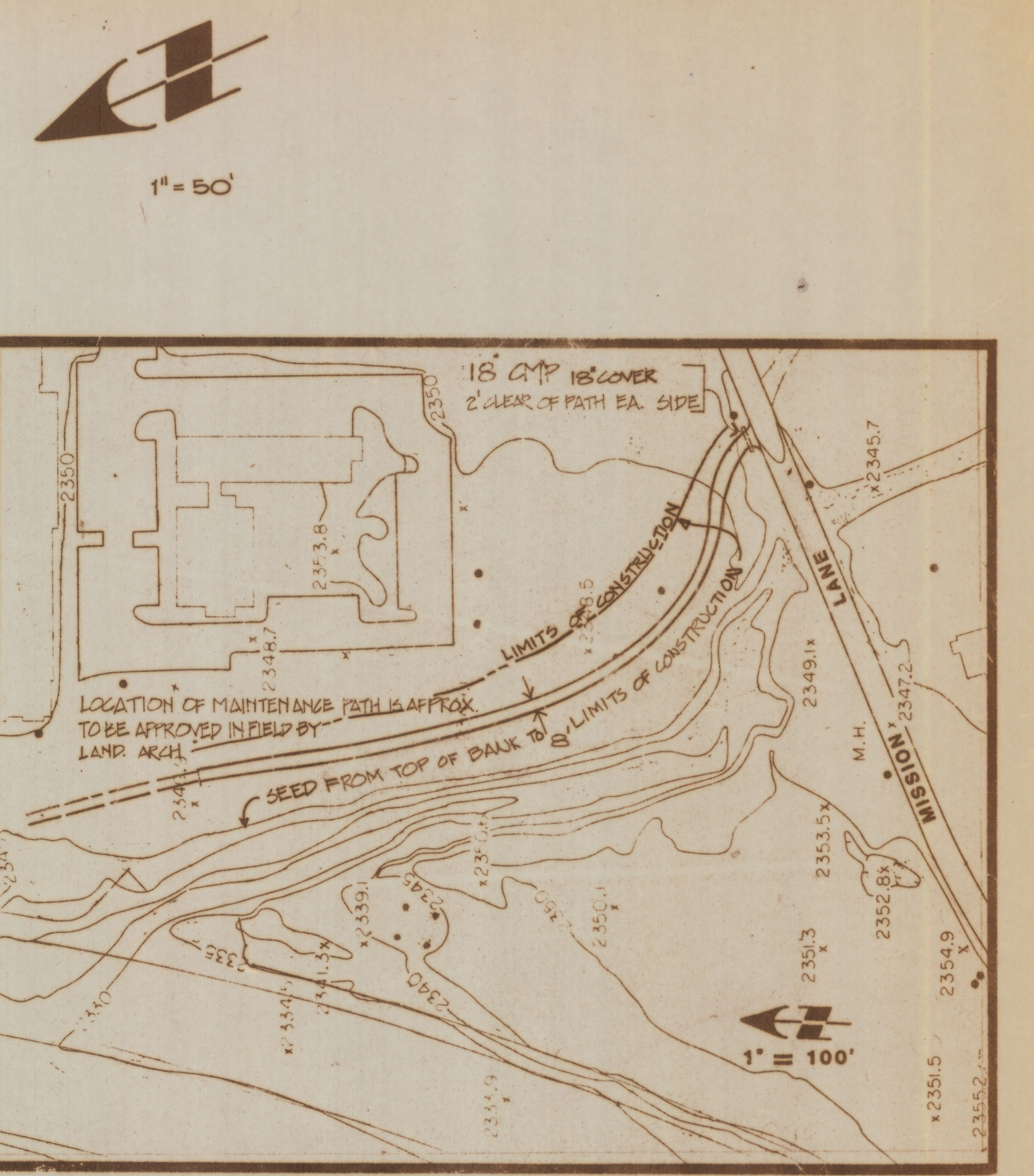
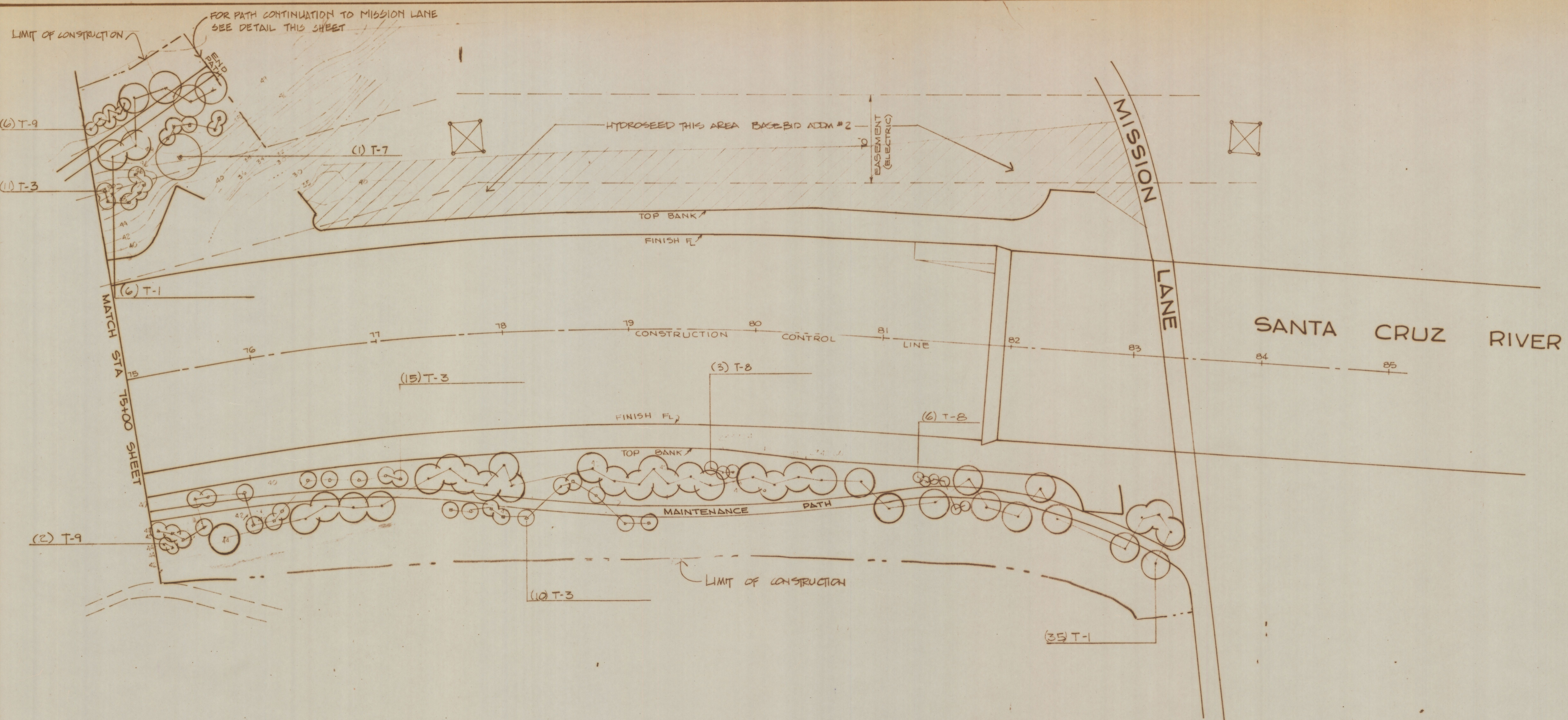


NOTE: FOR IRRIGATION SEE SHEET 6

E-2019-002

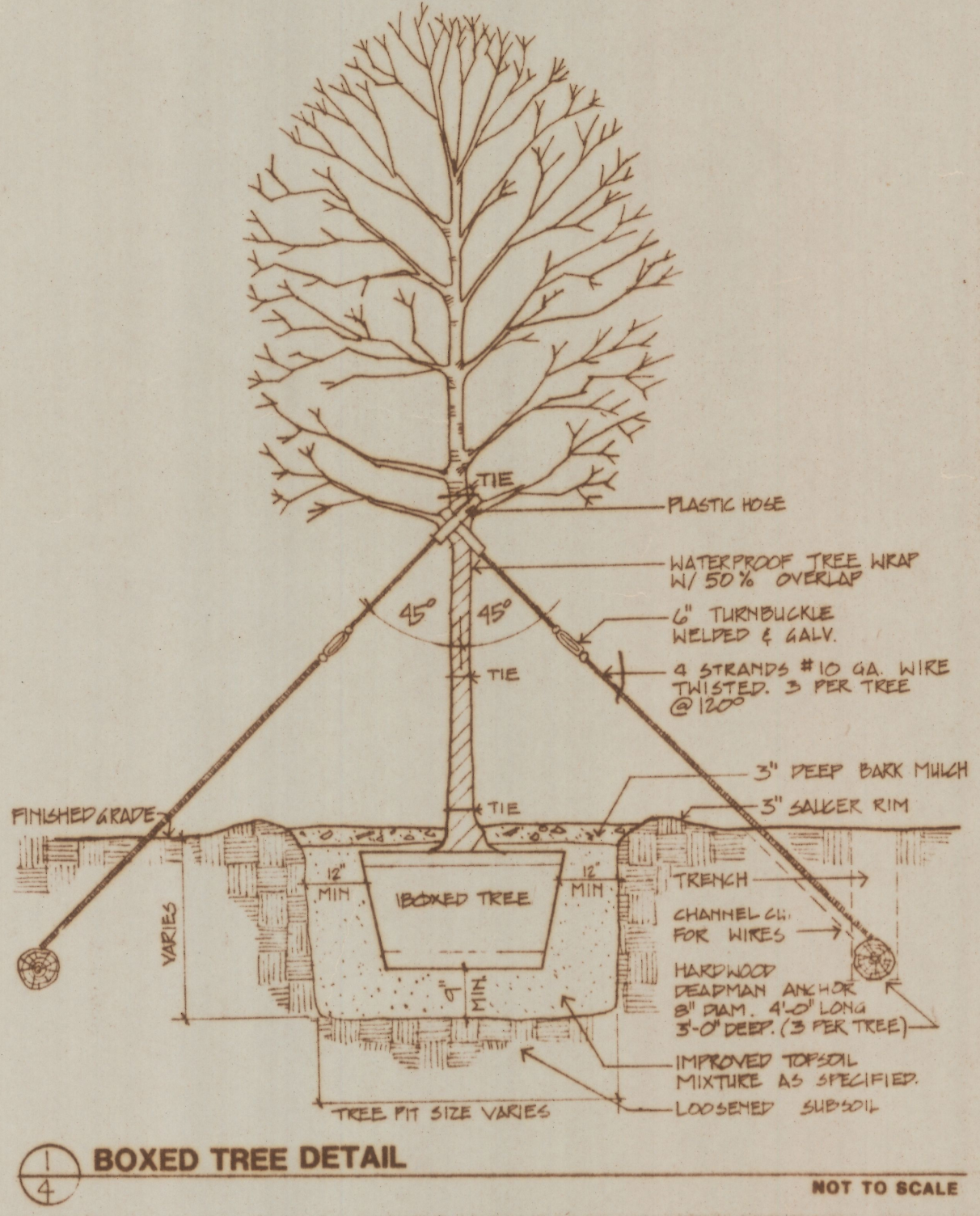
		SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA PLANTING PLAN		SHEET 3
		DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: PLW CHECK BY: GK	APPROVED: DATE: 8-4-82	REVISION 2-20-82 ADD#2 4L 7-3-82 ADD#3 4L		
MICHAEL BYRNE Landscape Architect		swa group Site Planning • Landscape Architecture • Urban Design Environmental & Resources Planning 480 Broadway Suite 200 Laguna Beach, CA 92653 • (714) 497-5471		CBA CELIA BARR ASSOCIATES



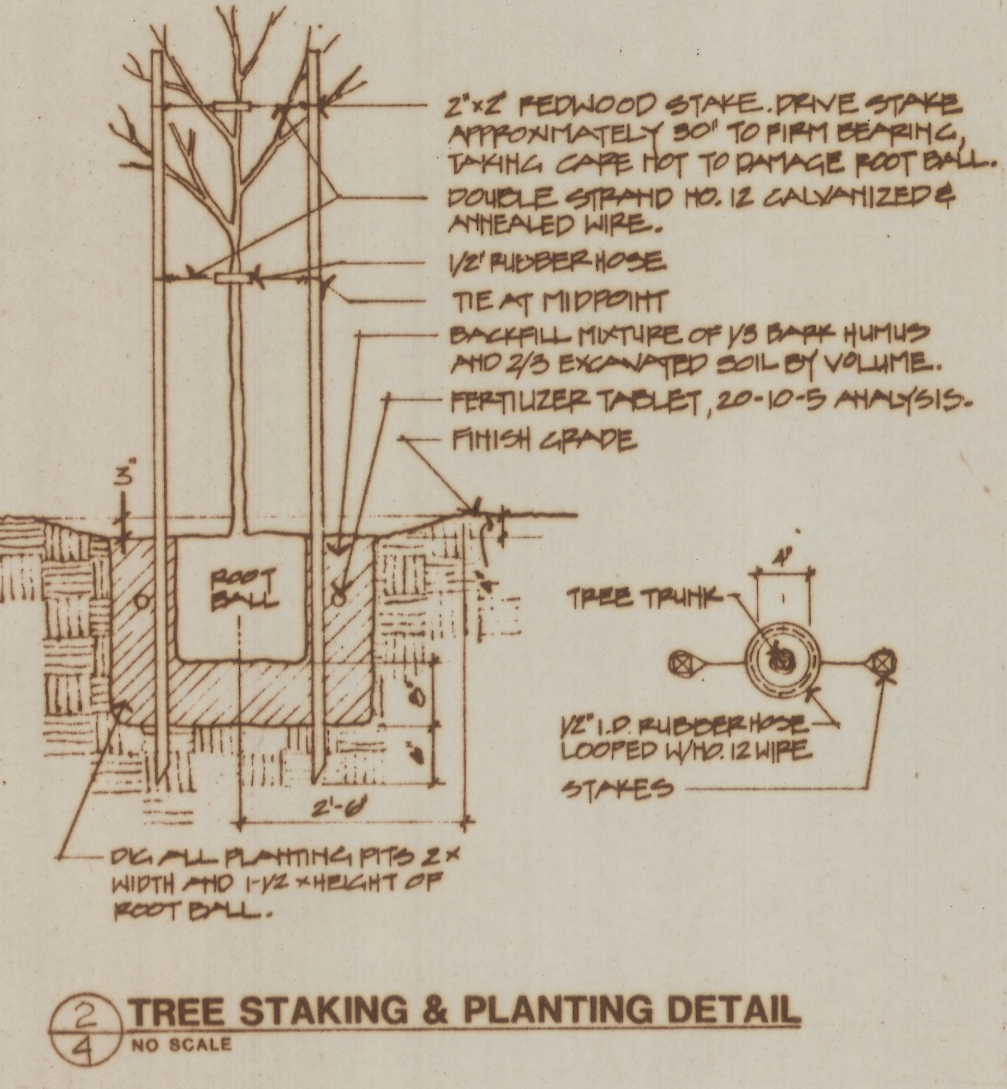


PLANT SCHEDULE

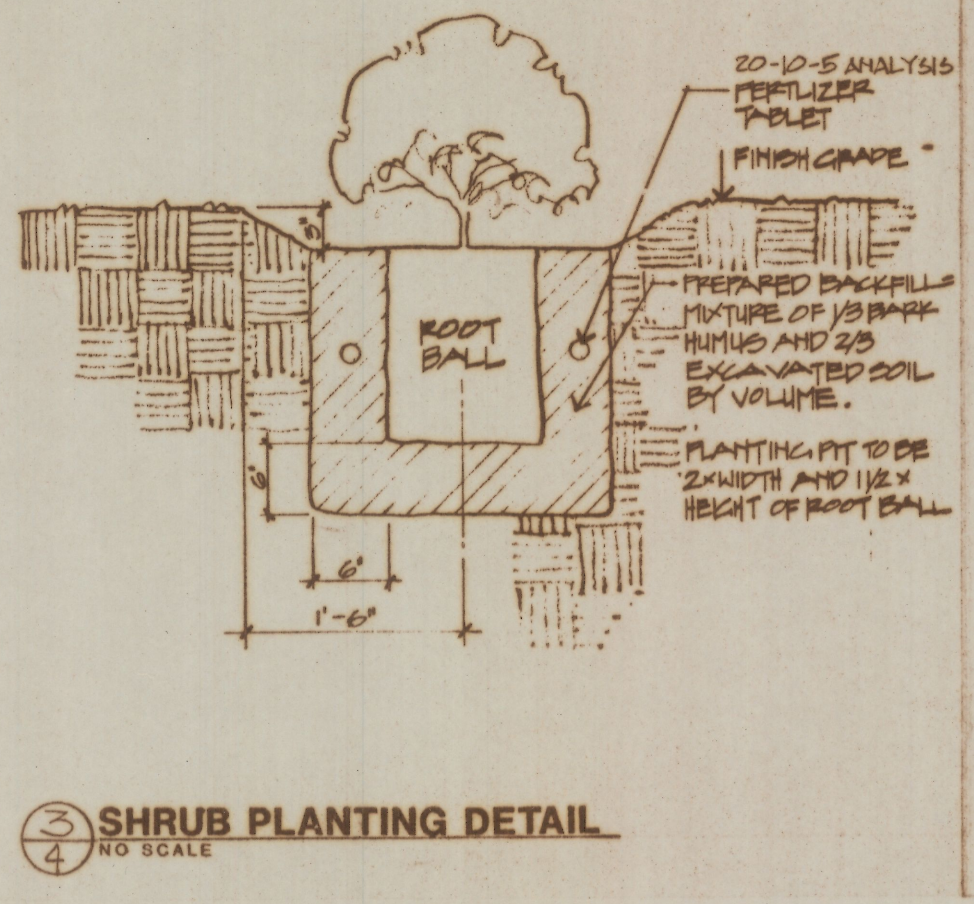
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	BASE BID QUANTITY	ALTERN. 1 QUANTITY	ALTERN. 3 QUANTITY	REMARKS
TREES							
T1	POPULUS FREMONTII	COTTONWOOD	15 GAL	224	73	3	21" HEIGHT + 10" GAL 14" HEIGHT 2-2 1/2" GAL
T2	PROSOPIS CHILENSIS	CHILEAN MESQUITE	5 GAL	243	50		
T3	CERCIDIUM FLORIDUM	BLUE PALO VERDE	5 GAL	142	59		
T4	PLATANUS KACEMOSA	SYCAMORE	24" BOX	24	11		12'-14" HEIGHT 5'-7" SPREAD 3'-3/4" GAL
T5	EUCALYPTUS GAMBELDULENSIS	RED GUM	15 GAL	12	5		8'-10" HEIGHT 1 1/2" GAL
T6	EUCALYPTUS MICROTHECA	FLOODED BOC	15 GAL	78	25	8	8'-40" HEIGHT 1 1/2" GAL
T7	JUGLANS MAJOR	BLACK WALNUT	5 GAL	5	8		
T8	ACACIA ABYSSINICA	ABYSSINIAN ACACIA	5 GAL	70	14		
T9	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY	5 GAL	124	55		
T10	CHILOPSIS LINEARIS	DESERT WILLOW	5 GAL	72	19		
T11	OLEA EUROPAEA	OLIVE - MULTI	22" BOX			50	8'-40" MULTI-STEM 14'-10" MULTI-STEM
T12	FRAXINUS VELUTINA (RIO GRANDE)	FAN TEX ASH	30" BOX	10	3		12'-14" HEIGHT 5'-6" SPREAD
T13	ULMUS PARVIFOLIA	EVERGREEN ELM	20" BOX			13	8'-10" HEIGHT 5'-6" SPREAD 1 1/2" GAL
SHRUBS							
S1	ROSA BANKSIAE (ALBA PLENA)	LADY BANKS' ROSE	5 GAL	381	103		
S2	VERBENA PERUVIANA	PERUVIAN VERBENA	1 GAL	60	45	76	
S3	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	1 GAL		72		
S4	BAHIA	BAHIA	1 GAL		57		MALE
S5	JUNIPERUS SABINA (TAMARISCIFOLIA)	TAM JUNIPER	5 GAL			40	
S6	NERIUM OLEANDER (PETITE PINK)	DWARF OLEANDER	5 GAL		56	105	



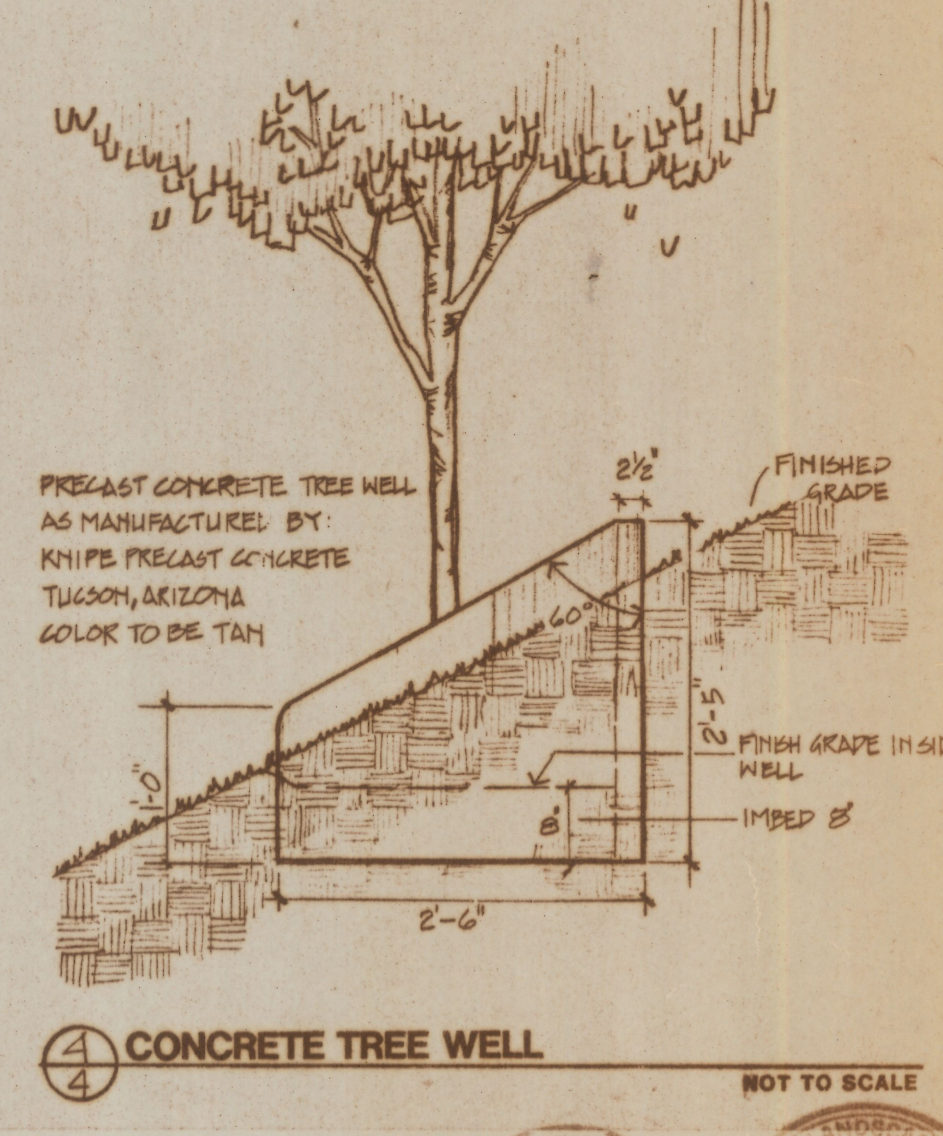
1 BOXED TREE DETAIL NOT TO SCALE



2 TREE STAKING & PLANTING DETAIL NO SCALE



3 SHRUB PLANTING DETAIL NO SCALE



4 CONCRETE TREE WELL NOT TO SCALE

NOTE: PLANT SCHEDULE QUANTITIES ARE APPROX. SEE PLANS FOR EXACT QUANTITIES
NOTE: FOR IRRIGATION SEE SHEET 7

E-2019-002

SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION
TUCSON ARIZONA
PLANTING PLAN

DOWNTOWN DEVELOPMENT CORPORATION
LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION

DRAWN BY PLW
CHECK BY GR

APPROVED
DATE: 8-9-82

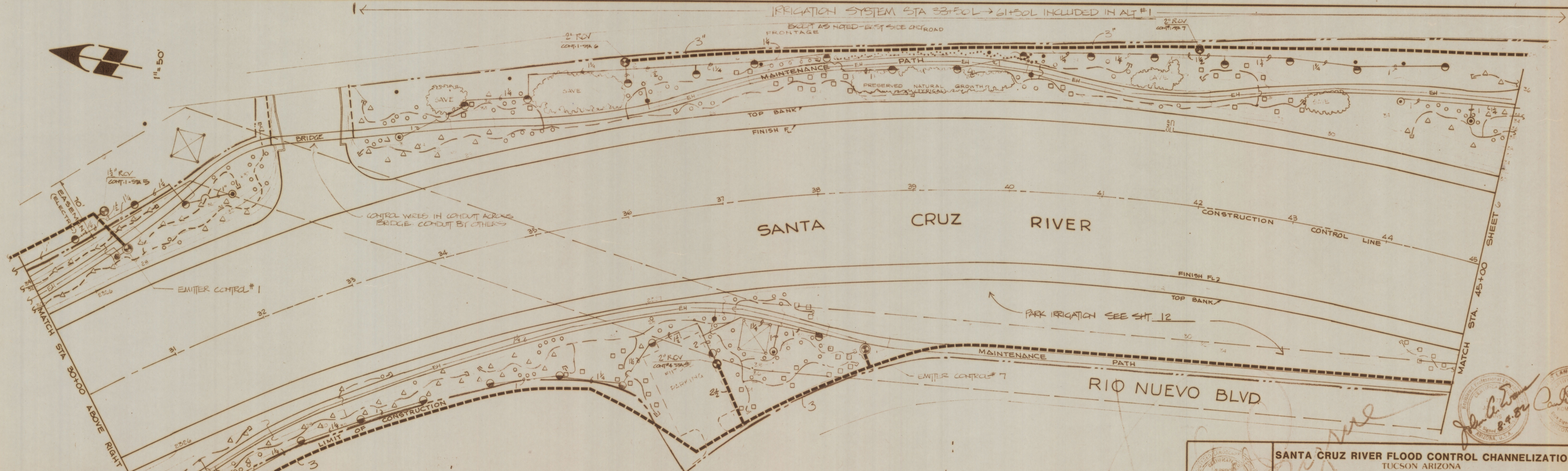
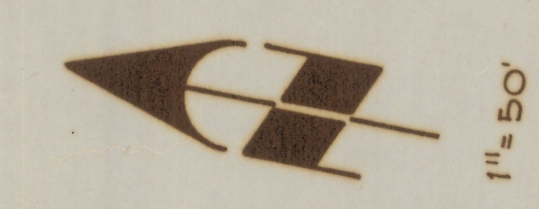
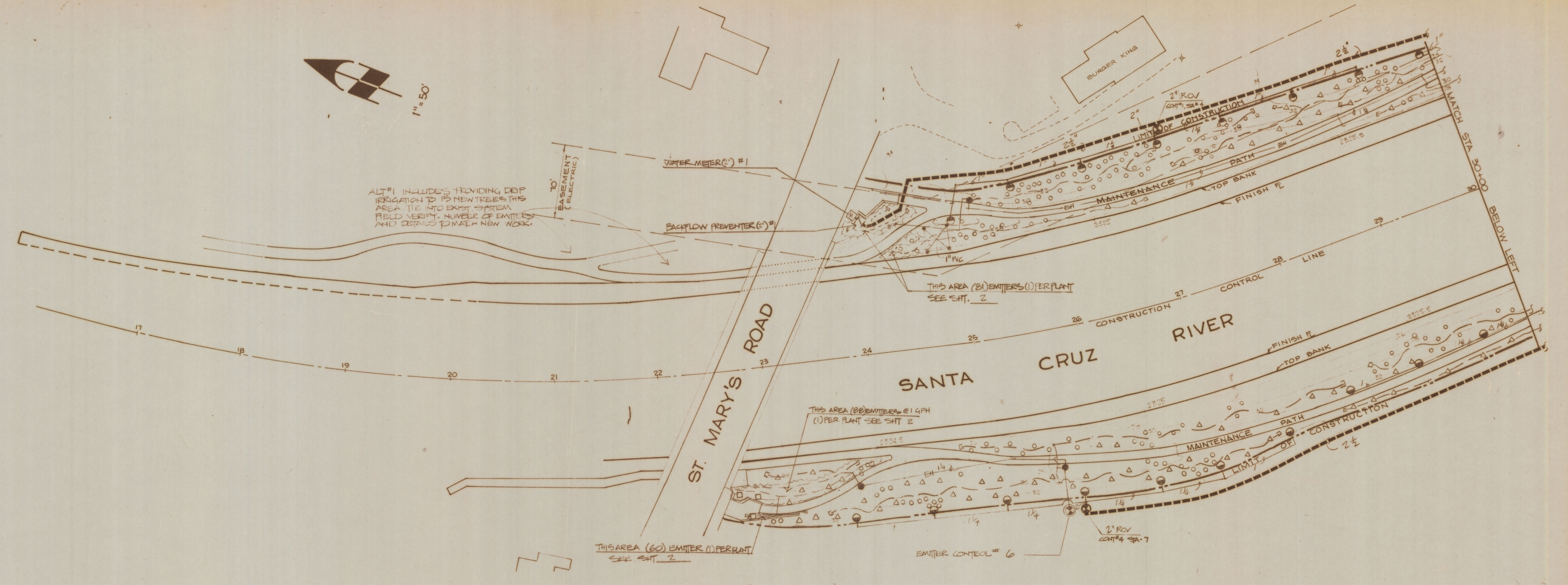
REVISION 5-20-82 ADMA #2

MICHAEL BYRNE
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580 Broadway, Suite 200, Laguna Beach, CA 92653 • (714) 461-1411

CELLA BARR ASSOCIATES

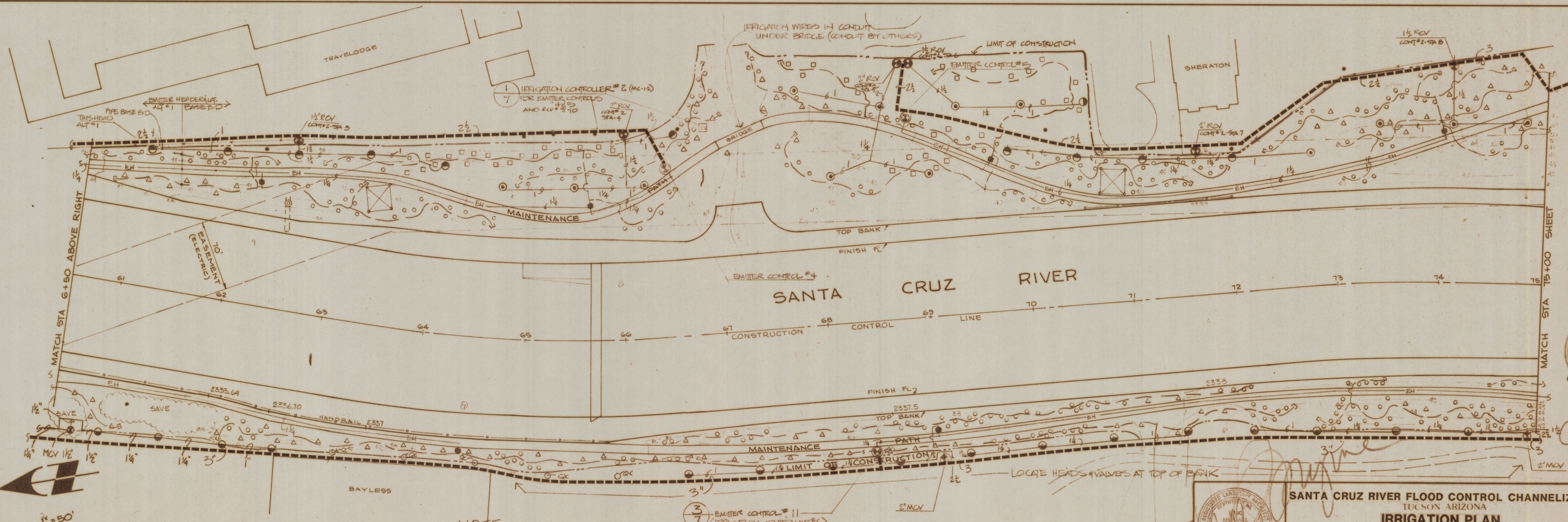
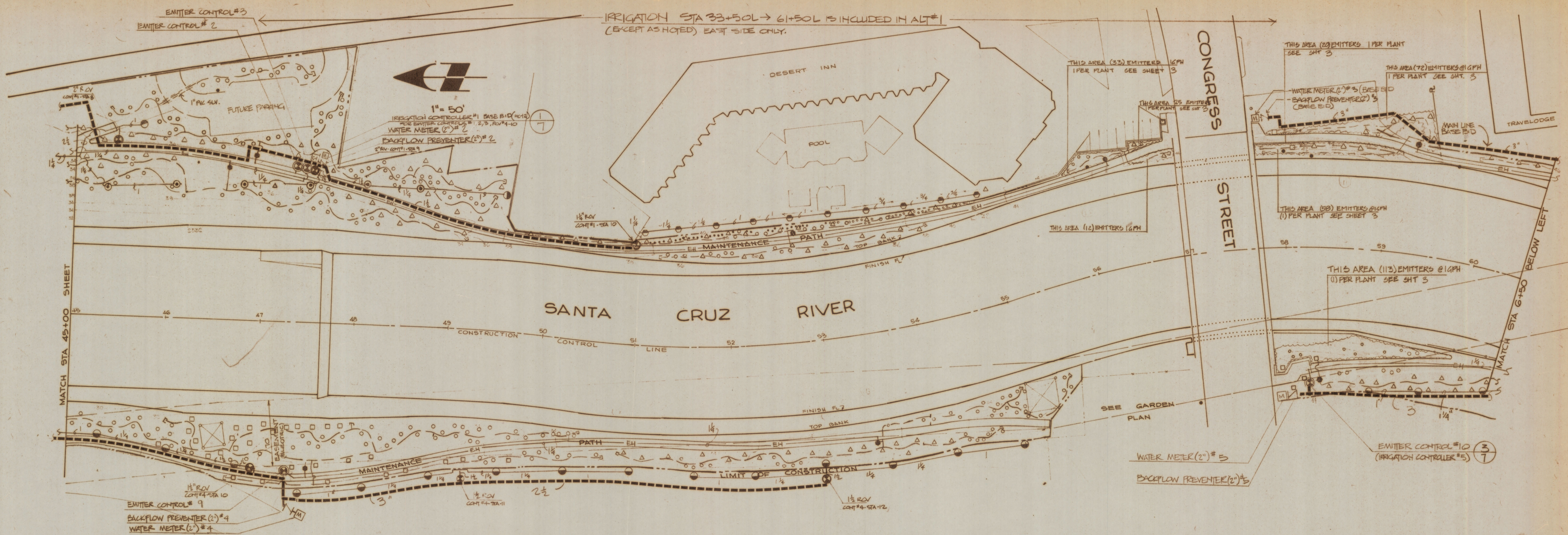
SHEET **4** OF **12**



NOTE:
 * DRAWING IS SCHEMATIC. LOCATE MAINLINE VALVES AND HEADS WITHIN LIMIT OF CONSTRUCTION. LOCATE EMITTER LEADER 2' FROM MAINTENANCE PATH ON SIDE FURTHEST FROM RIVER. TYP.
 * FOR SLEEVING BY OTHERS SEE GRADING PLANS
 * CONTRACTOR TO PROVIDE #14 CONT. WIRES AS REQUIRED FOR FUTURE AUTOMATION FROM EACH MANUAL GATE VALVE TO THE NEAREST CONTROLLER.

	SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA IRRIGATION PLAN		SHEET 5
	DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: <i>MB</i> CHECK BY: <i>MB</i>	APPROV. DATE: <i>8-4-02</i>	REVISION: 9-3-02 ADD # 20 C/L	
MICHAEL BYRNE Landscape Architect	SWB GROUP <small>Site Planning • Landscape Architecture • Urban Design Environmental & Resource Planning •</small> 580 Broadway, Suite 200, Laguna Beach, CA 92651 • (714) 497-5471		

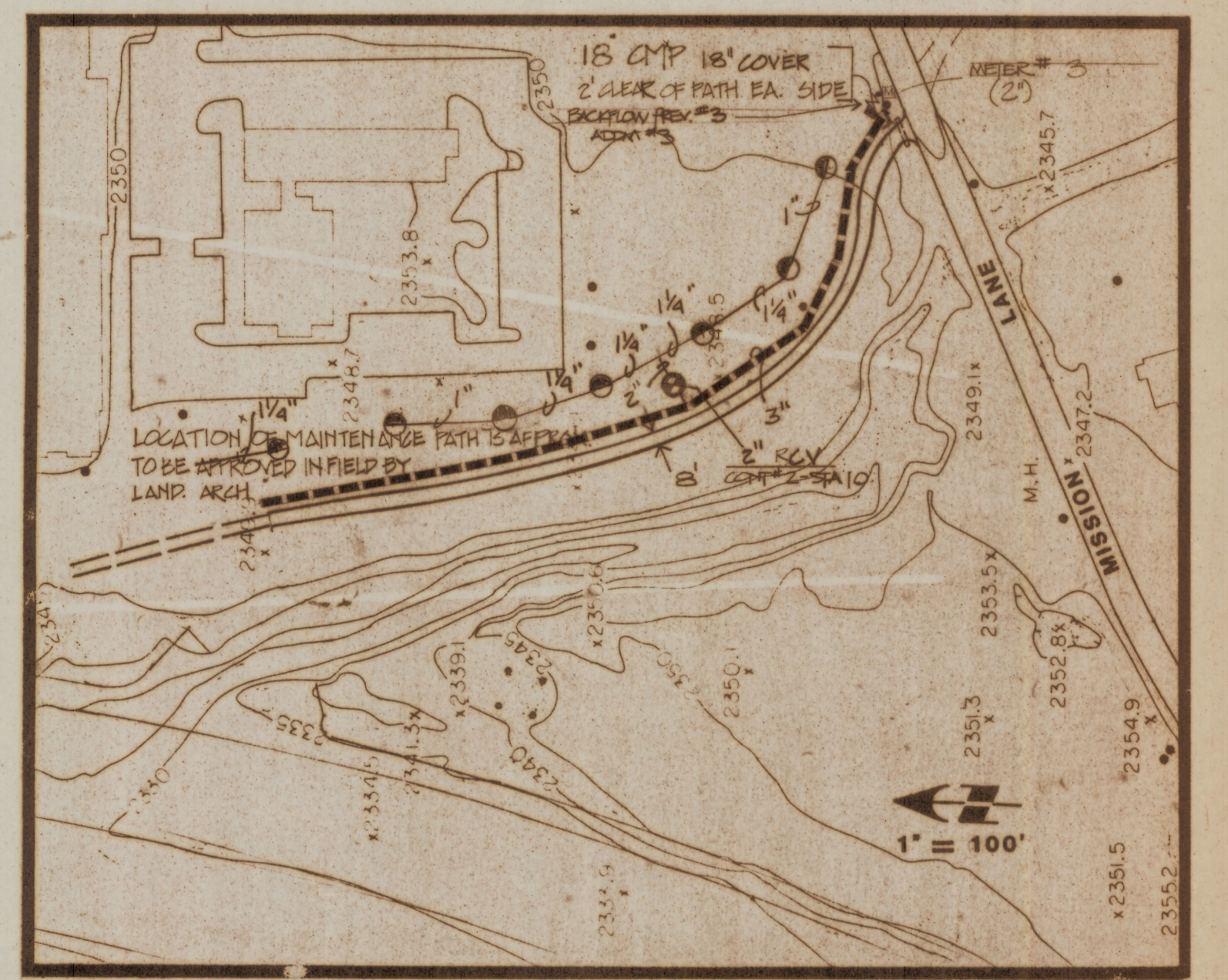
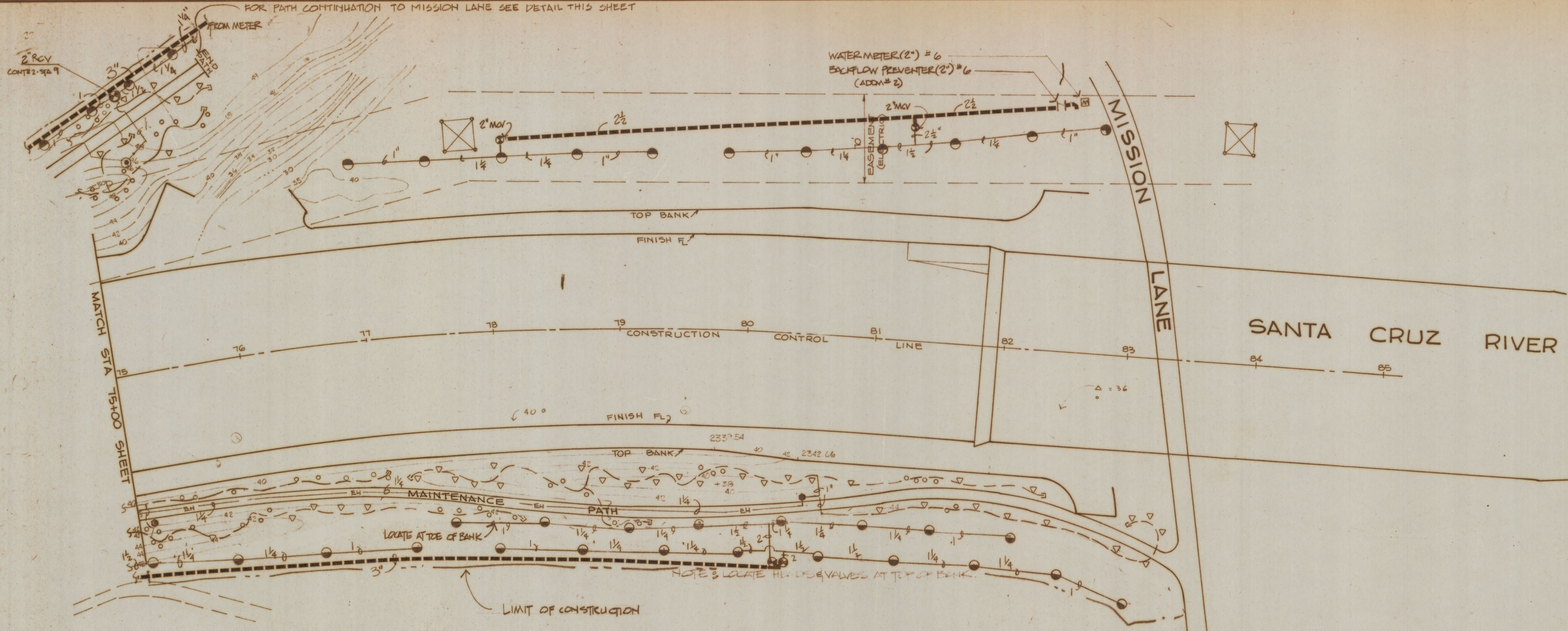




NOTE:
 * DRAWING IS SCHEMATIC. LOCATE MAINLINE VALVES AND HEADS WITH IN LIMIT OF CONSTRUCTION
 LOCATE EMITTER LEADER 2' FROM MAINTENANCE PATH ON SIDE FURTHEST FROM RIVER TYP.
 * CONTRACTOR TO PROVIDE #14 CONTROL WIRES AS REQUIRED FOR FUTURE AUTOMATION FROM EACH MANUAL CONT. VALVE TO NEAREST CONTROLLER.
 * FOR SLEEVING BY OTHERS SEE GRADING PLANS
NOTE - FOR PLANTING SEE SHEET 3

		SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA IRRIGATION PLAN		SHEET 6
		DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: GK CHECK BY: GK	APPROVED: [Signature] DATE: 8-4-88	REVISION 9-3-82 ADD #5 GK		
MICHAEL BYRNE Landscape Architect		SWA GROUP Site Planning • Landscape Architecture • Urban Design Environmental & Resources Planning 880 Broadway, Suite 200, Laguna Beach, CA 92653 • (714) 497-5471		CBA CELIA BARR ASSOCIATES

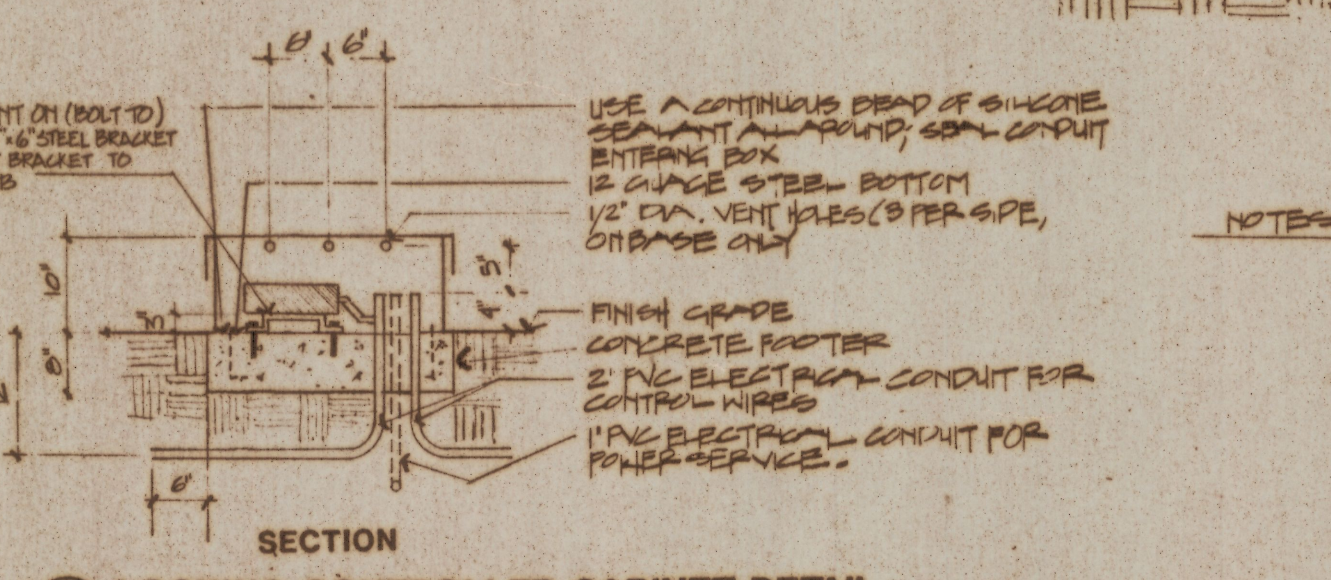
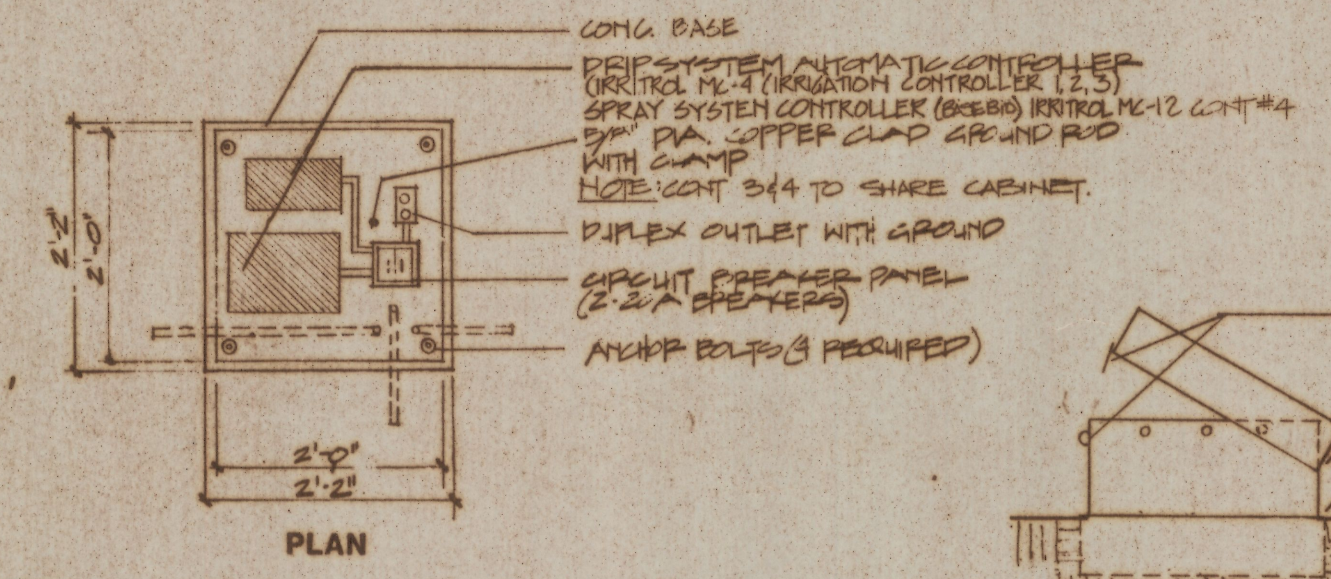
E-2019-002



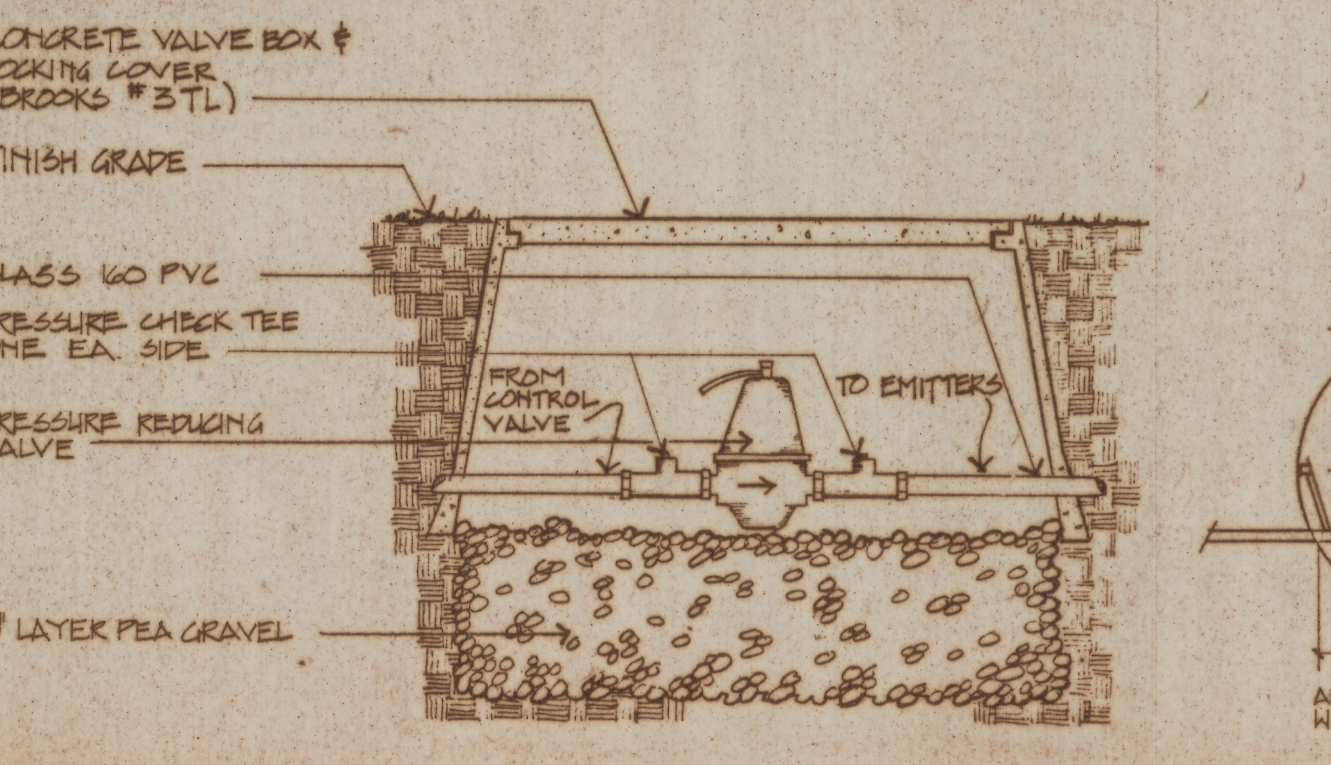
NOTE:
 * DRAWING IS SCHEMATIC. LOCATE MAINLINE VALVES AND HEADS WITHIN LIMITS OF CONSTRUCTION
 LOCATE EMITTER LEADER 2' FROM MAINTENANCE PATH ON SIDE FURTHEST FROM RIVER. TYP.
 * FOR SLEEVING BY OTHERS SEE GRADING PLANS
 * CONTRACTOR TO PROVIDE #14 CONTROL WIRES AS REQUIRED FOR FUTURE AUTOMATION FROM EACH MANUAL CONTROL VALVE TO NEAREST CONTROLLER.

IRRIGATION LEGEND

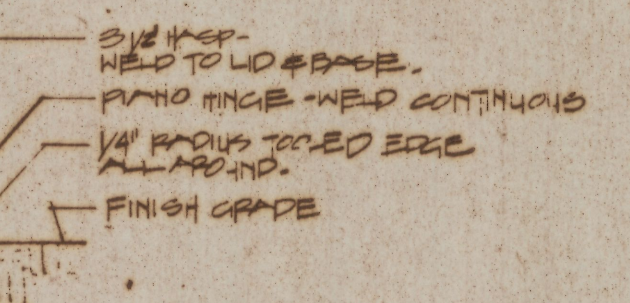
- WATER METER 2 INCHES BY COT
- BACKFLOW PREVENTER - FEBCO 765-2 INCHES
- MAIN LINE CLASS 200 PVC PIPE - SIZE AS SHOWN
- LATERAL LINE CLASS 160 PVC PIPE, SIZE AS SHOWN
- EMITTER HEADER CLASS 160 PVC PIPE - 1 1/4 INCH, OR AS SHOWN
- EMITTER LATERAL - PEPCO P-704
- EMITTER HOSE END
- EMITTER CONTROL SYSTEM - REMOTE CONTROL VALVE AND FILTER (SEE DETAIL)
 REMOTE CONTROL VALVE RAINBIRD E P SERIES OR APPROVED EQUAL
 FILTER AMIAD 39-01
- REMOTE CONTROL VALVE - RAINBIRD - E P SERIES, SIZE AS SHOWN
- MANUAL CONTROL VALVE - BUCKNER 80K SERIES
- PRESSURE REGULATOR - WILKENS - 91-1
- QUICK COUPLING VALVE - RAINBIRD 44 LVC
- IRRIGATION CONTROLLER(S) - (SEE DETAILS)
- ROTARY HEAD TORO 642-02-40
- ROTARY HEAD TORO 644-02-41
- ROTARY HEAD TORO 625-00-25
- ROTARY HEAD TORO 625-00-24
- SPRAY HEAD BUCKNER 12101-403 HU
- SINGLE EMITTER PER SHRUB - SPOT VORTEX 3001-2
- THREE EMITTERS PER TREE - SPOT VORTEX 3001-1
- THREE EMITTERS PER TREE - SPOT VORTEX 3001-2
- FIVE EMITTERS PER TREE - SPOT VORTEX 3001-2



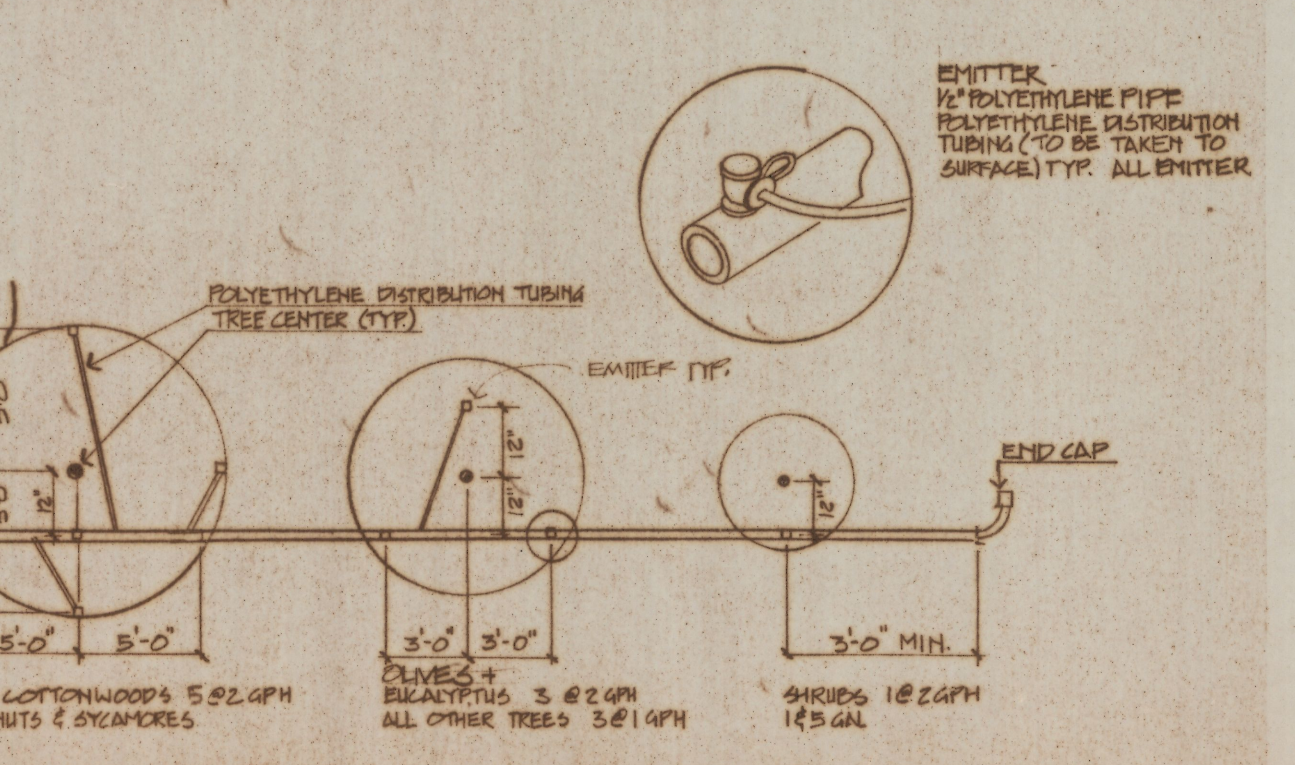
① LOCKING CONTROLLER CABINET DETAIL
 NO SCALE



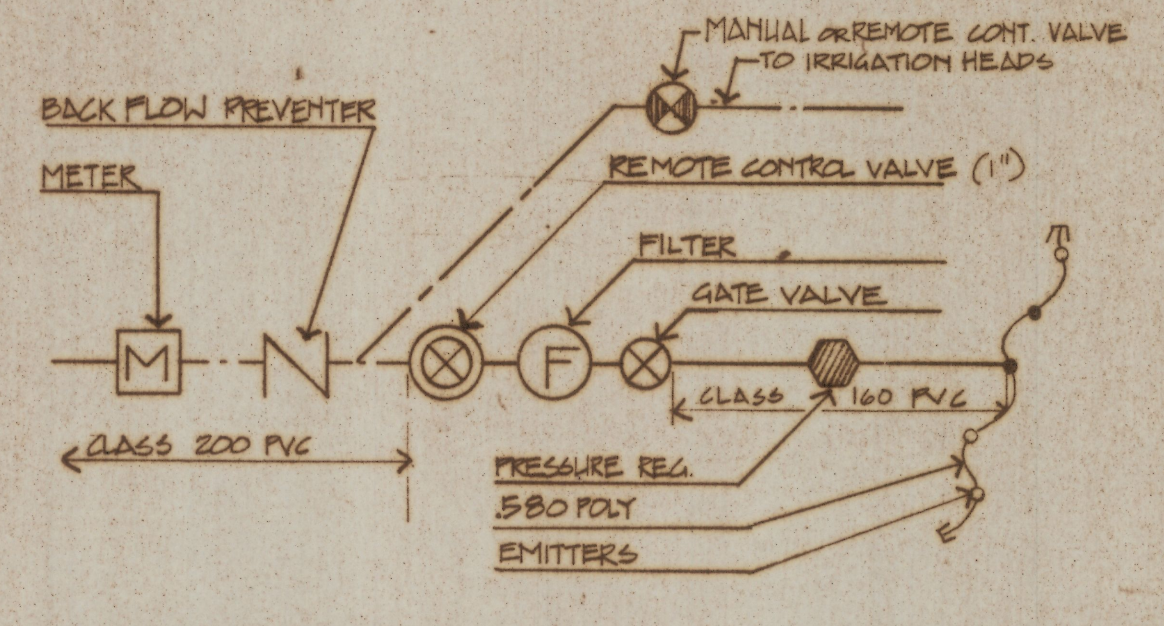
④ PRESSURE REDUCING VALVE
 NOT TO SCALE



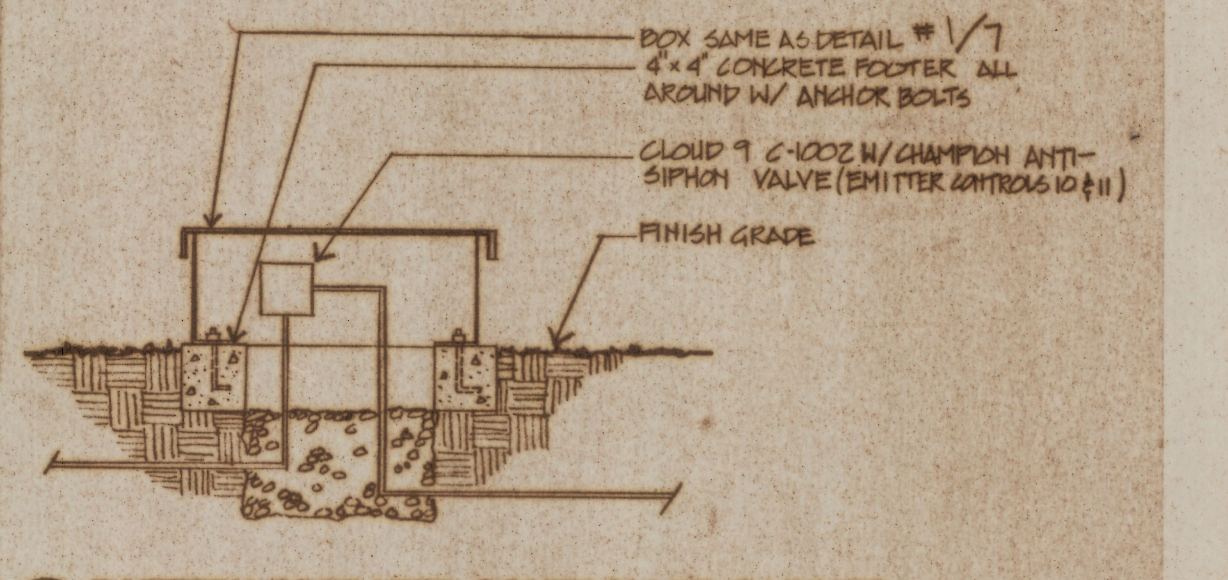
NOTES:
 1. SECURE ALL EQUIPMENT TO FLOOR OF RANGE
 2. SECURE BASE TO CONCRETE PAD WITH 3/8\"/>



⑤ EMITTER PLACEMENT DETAIL
 NOT TO SCALE



② IRRIGATION CONTROL SCHEMATIC
 NOT TO SCALE



③ BATTERY OPERATED CONTROLLER CABINET
 FOR IRRIGATION CONTROLLER 5&6

NOTE: FOR PLANTING SEE SHEET 4

E-2019-002

SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION
 TUCSON ARIZONA
IRRIGATION PLAN

DOWNTOWN DEVELOPMENT CORPORATION
 LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION

DRAWN BY: GK
 CHECK BY: GK
 DATE: 8-4-02

APPROVED: [Signature]
 DATE: 8-4-02

REVISION: 0-20-02 ADCA #2, 02
 9-3-02 ADCA #3, 02

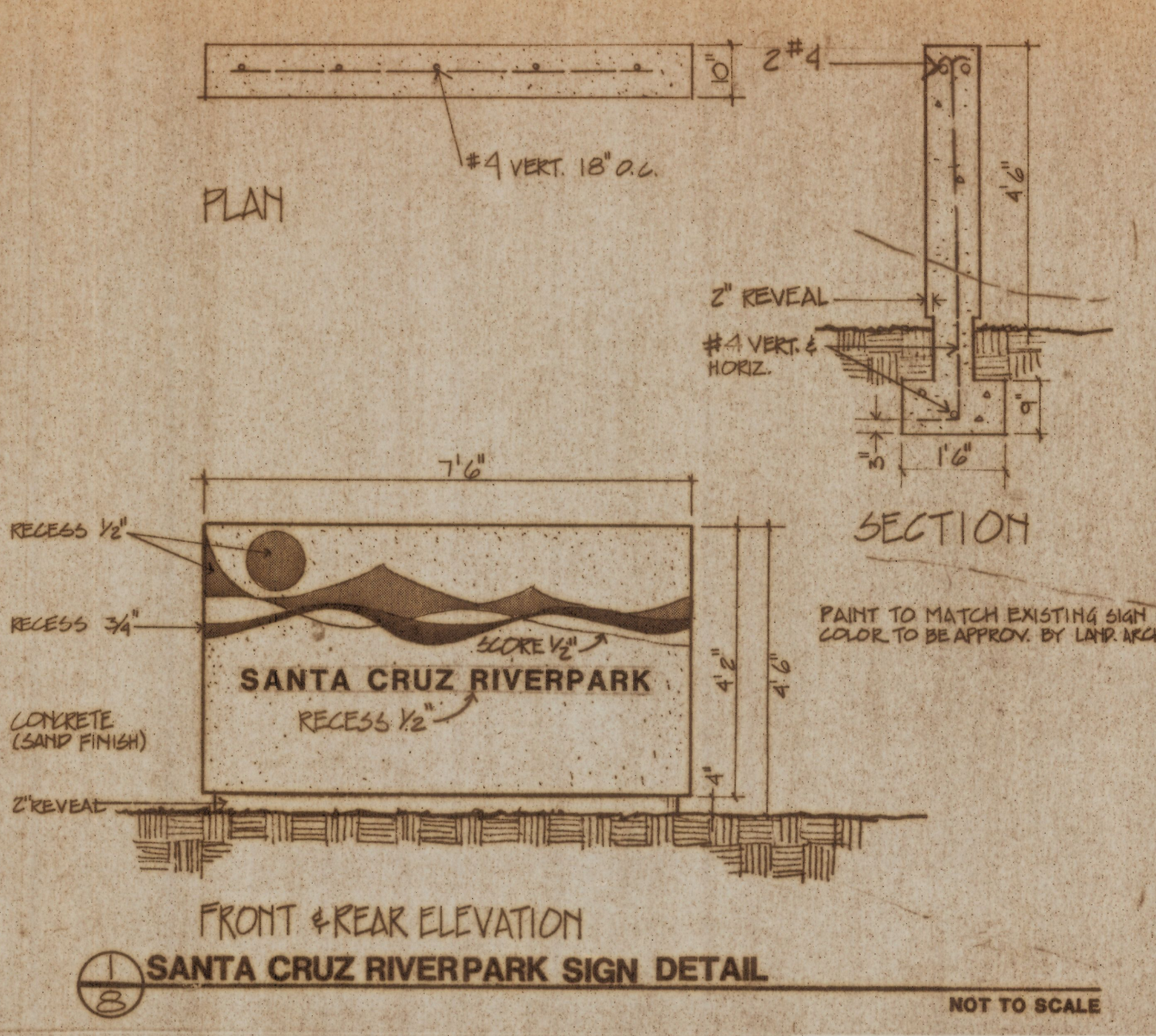
MICHAEL BYRNE
 Landscape Architect

swa group
 564 Parkway • Landscape Architecture • Urban Design
 Environmental & Resource Planning •
 580 Bradshaw, Suite 200, Laguna Beach, CA 92653 • (714) 937-9471

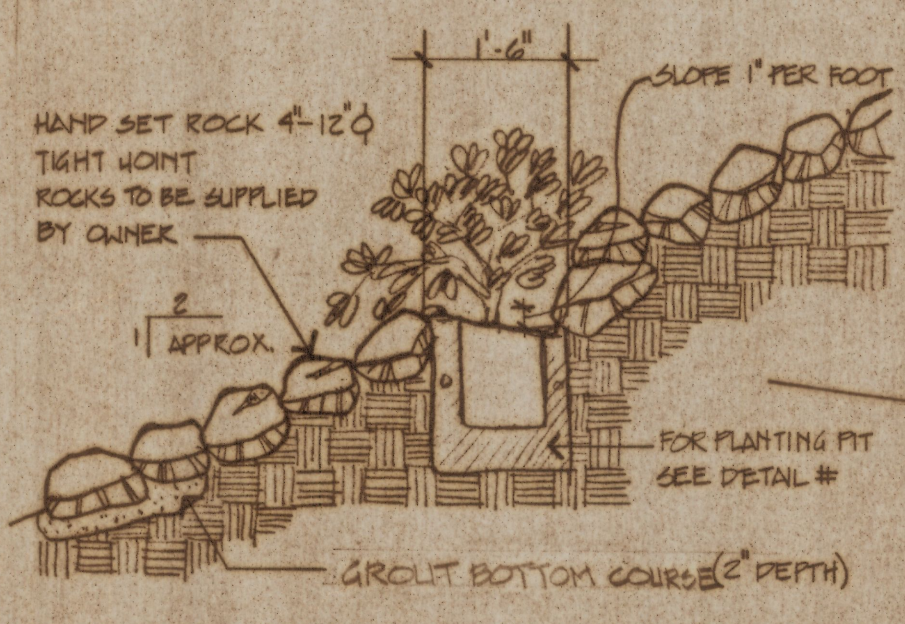
CBA CELIA BARR ASSOCIATES
 1117 N. 1st St., Suite 100, Phoenix, AZ 85004 • (602) 258-1111

SHEET 7 OF 12

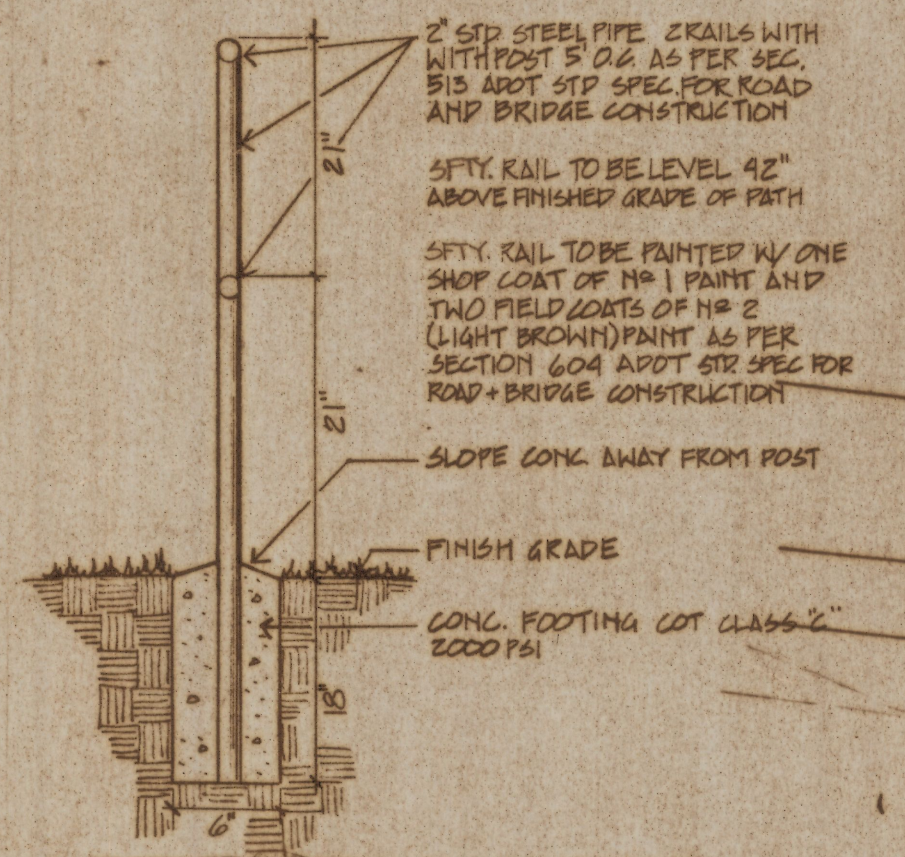
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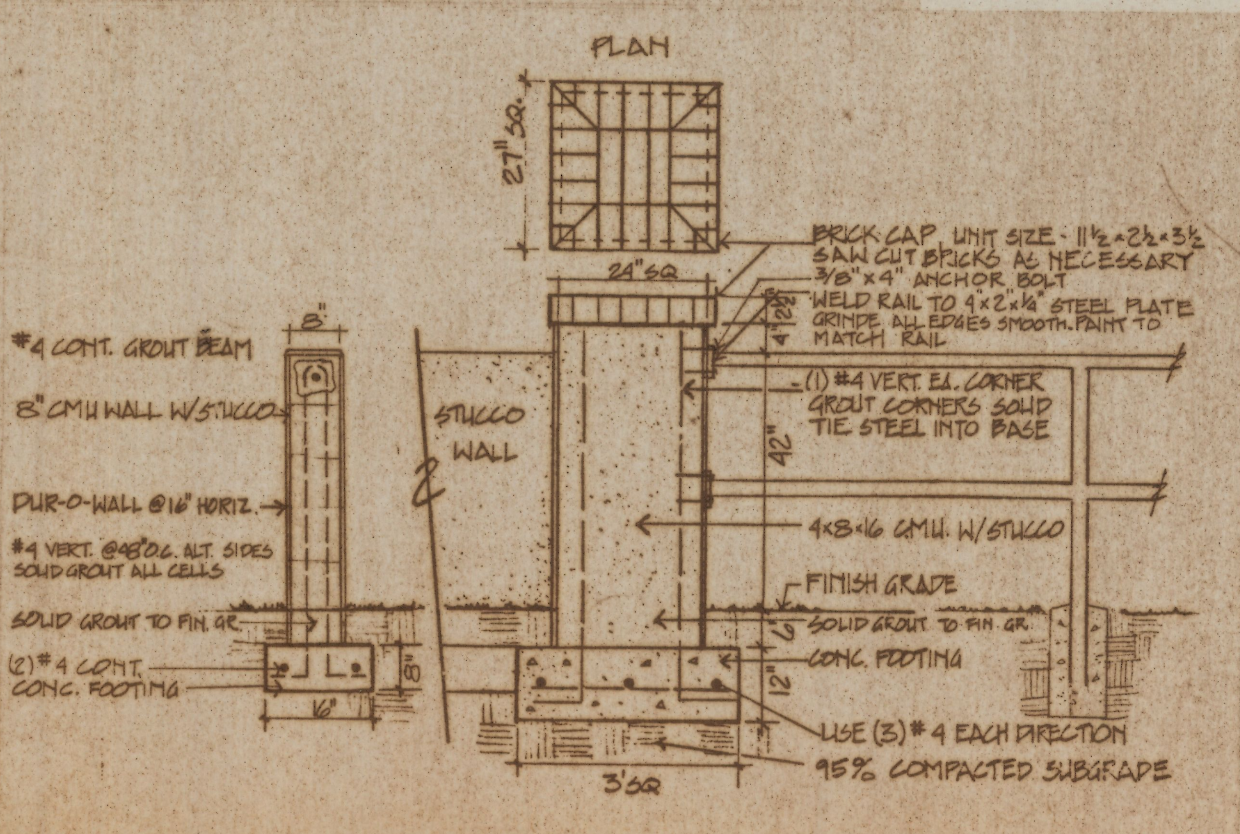
FRONT & REAR ELEVATION
SANTA CRUZ RIVERPARK SIGN DETAIL
NOT TO SCALE



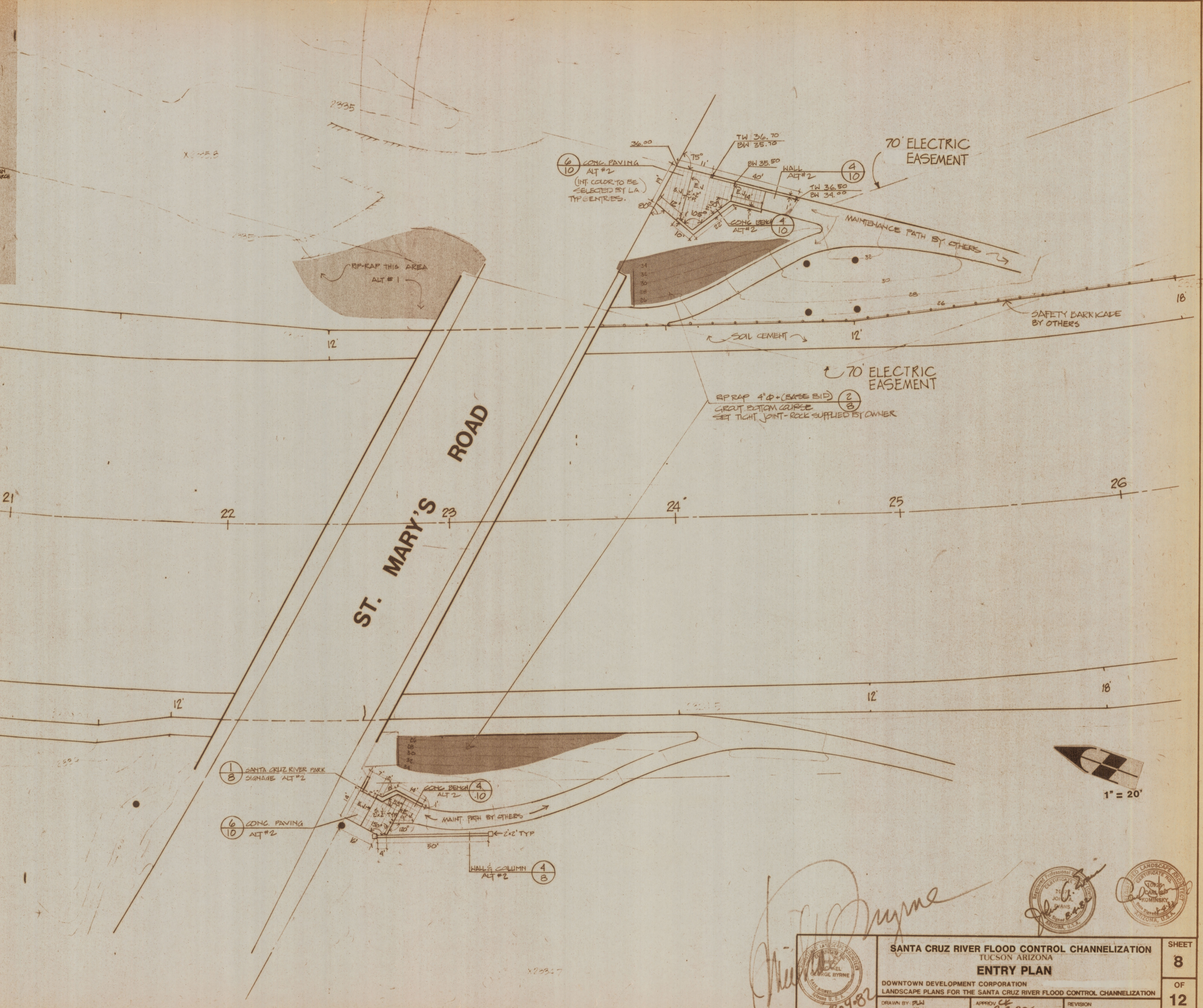
RIP RAP & PLANTING DETAIL
NOT TO SCALE



SAFETY BARRICADE DETAIL
NOT TO SCALE



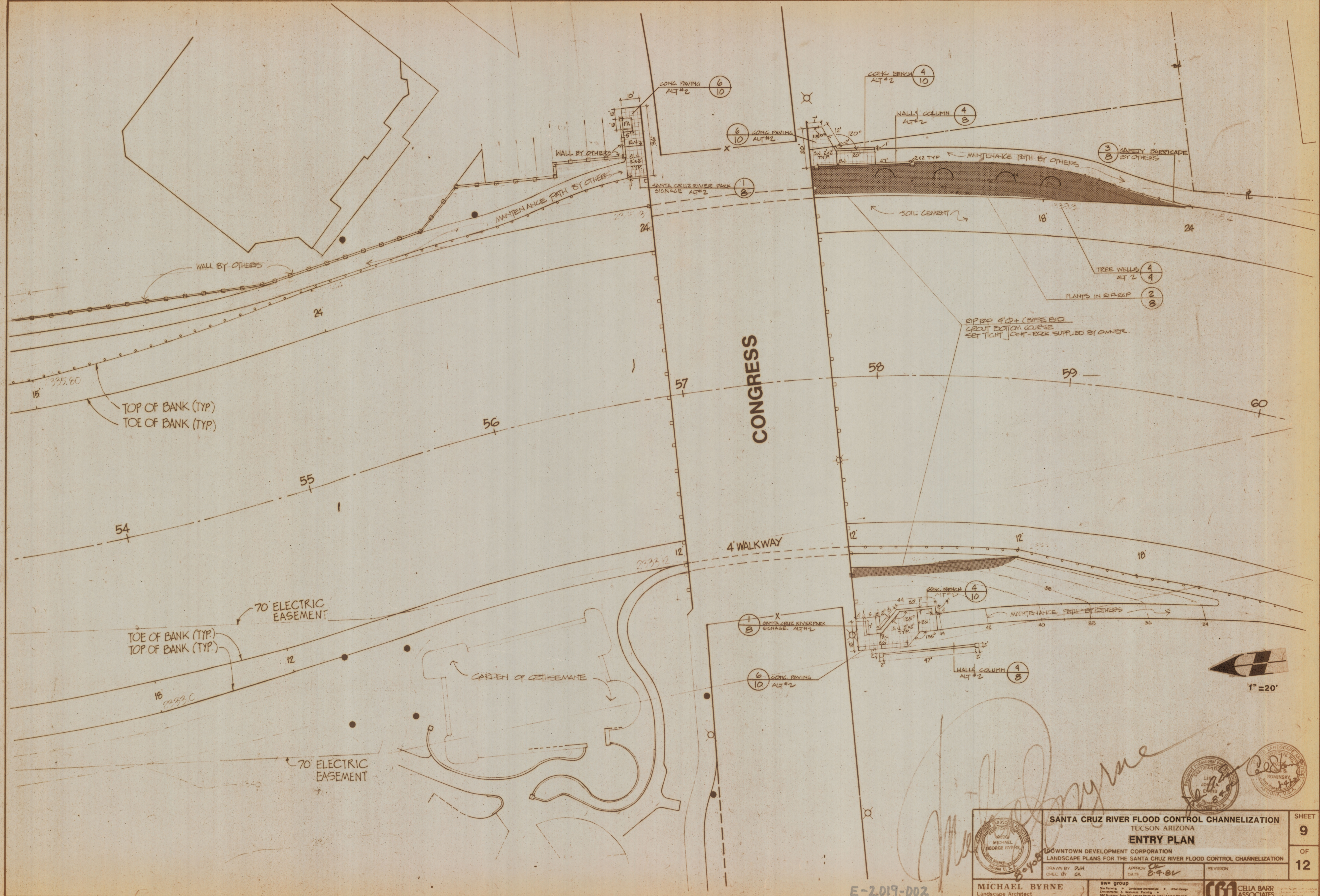
WALL & COLUMN DETAIL
NOT TO SCALE



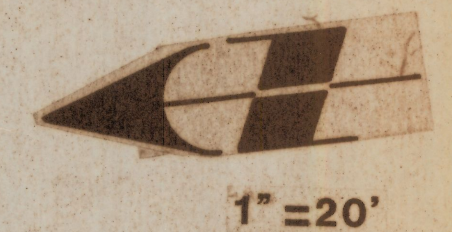
E-2019-002

	SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA ENTRY PLAN		SHEET 8
	DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: PLM CHECK BY: GK	APPROVED DATE: 8-4-02	REVISION	
MICHAEL BYRNE Landscape Architect	SWS GROUP Site Planning • Landscape Architecture • Urban Design Environmental & Resource Planning 250 Broadway, Suite 200, Laguna Beach, CA 92651 • (714) 897-5471	CBA CELIA BARR ASSOCIATES 25 North 1st Avenue Tucson, Arizona 85724 (520) 244-1870	

A31-1109 01858-00-05-01



CONGRESS



1" = 20'

E-2019-002

	SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA ENTRY PLAN		SHEET 9
	DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: <i>DLH</i> CHECK BY: <i>GB</i>	APPROVED DATE: <i>8-9-81</i>	REVISION:	
MICHAEL BYRNE Landscape Architect	BWA Group Site Planning • Landscape Architecture • Urban Design Environmental & Resource Planning 500 Broadway, Suite 200, Laguna Beach, CA 92653 • (714) 437-5475		



38

39

40

41

42

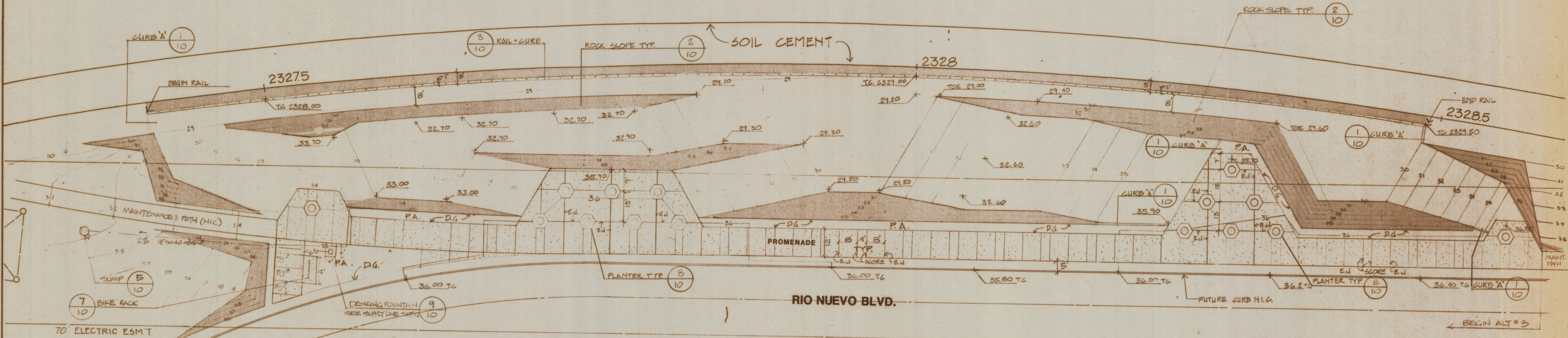
43

44

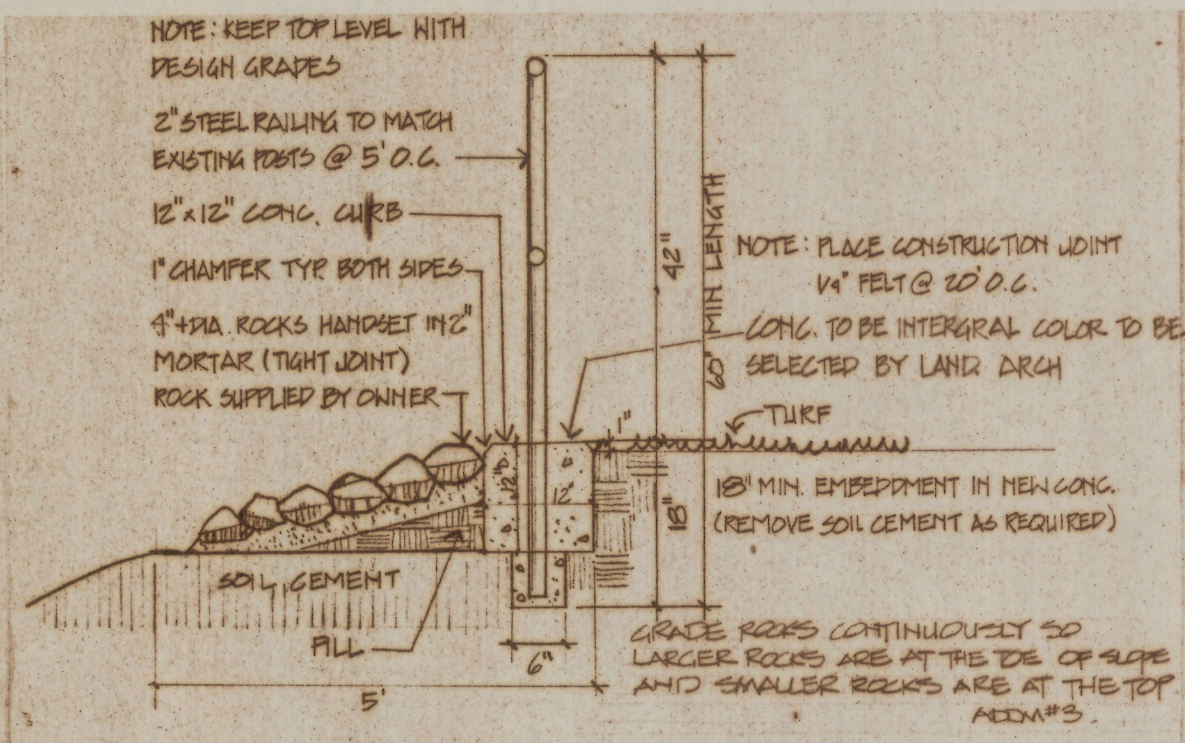
SANTA CRUZ RIVER



NOTE: ALT #3 INCLUDES ROCK SLOPES, CURBS, RAILING, CONC. PAVING, DRINK FOUNTAIN, PLANTERS & BIKE RACK.

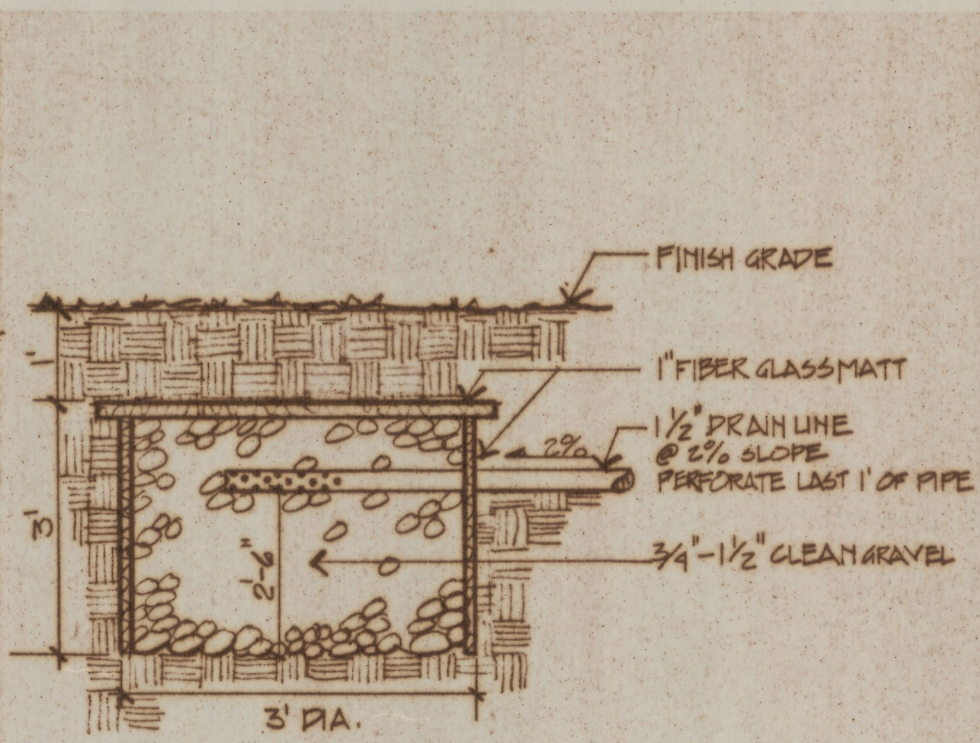


10 CURB "A" NOT TO SCALE

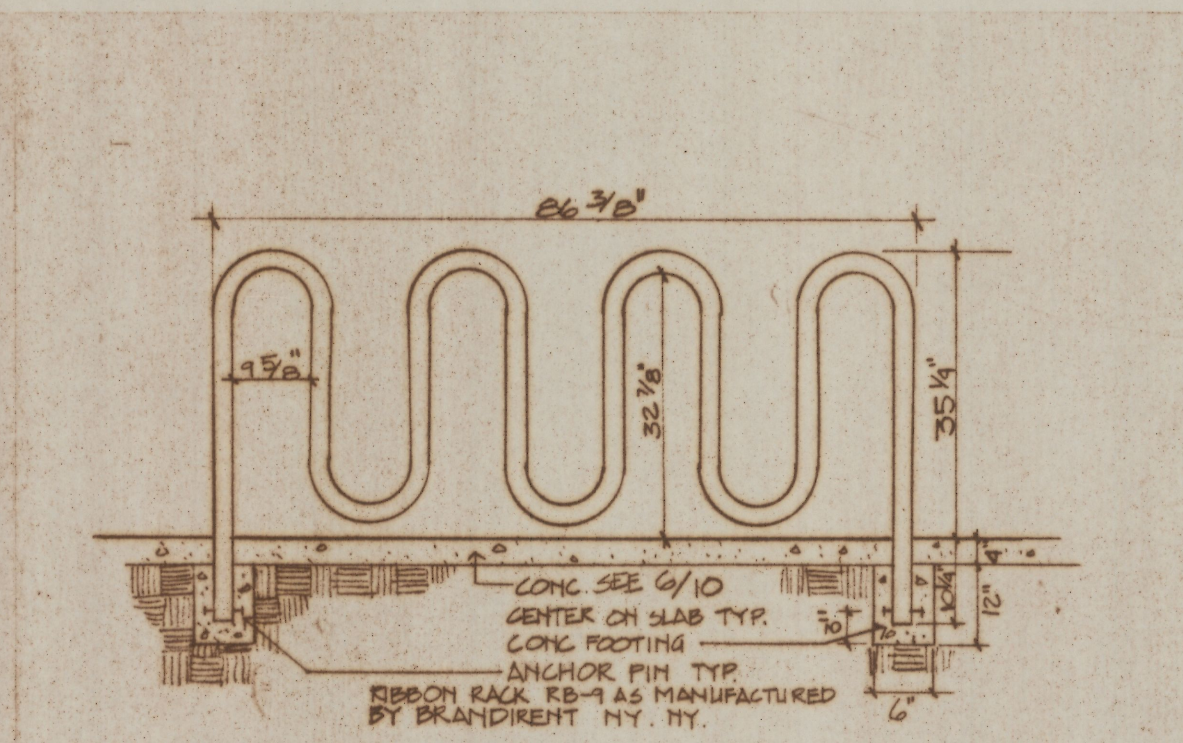


10 CURB & RAILING NOT TO SCALE

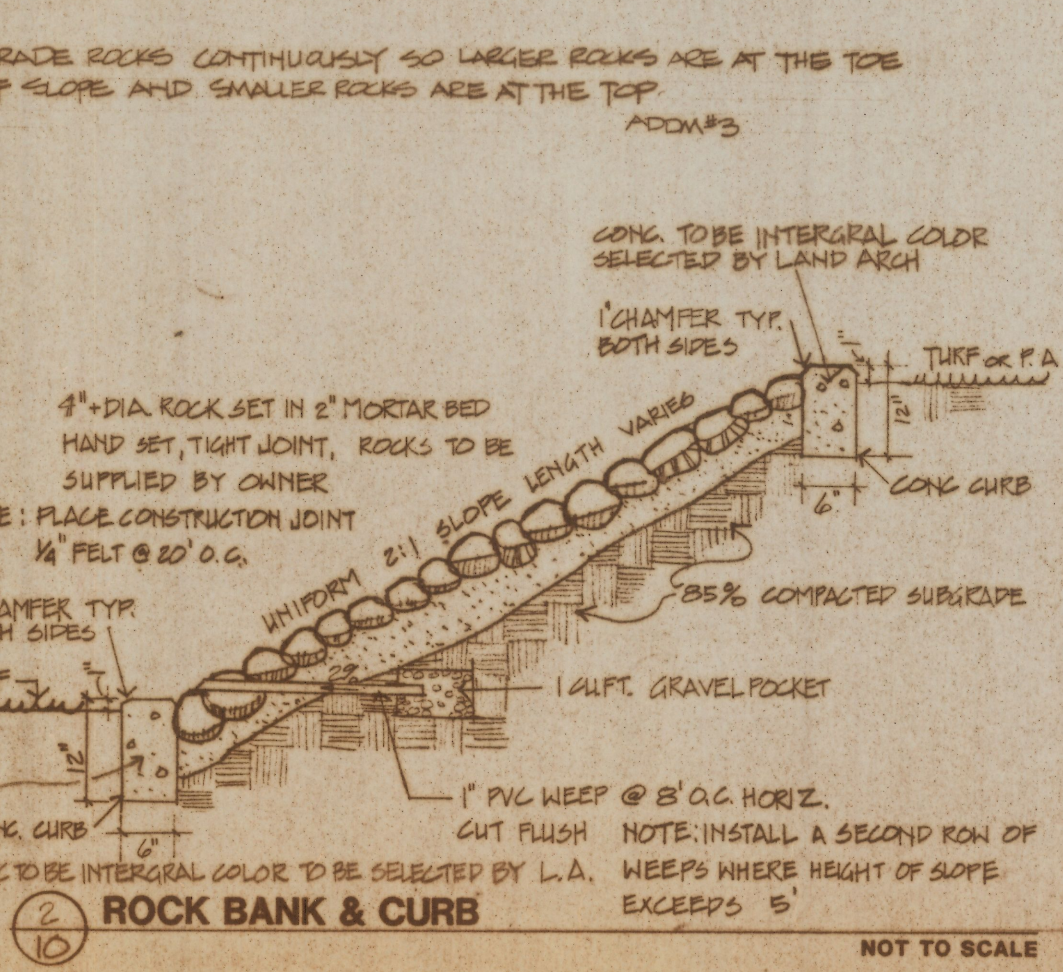
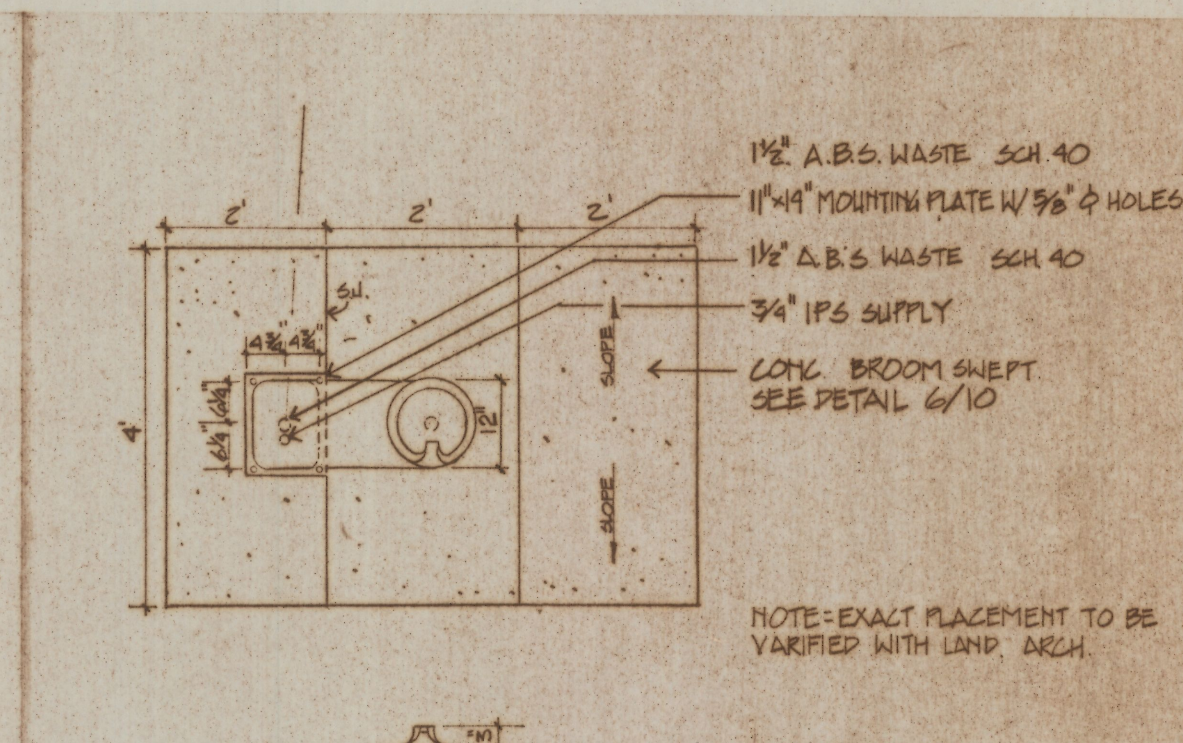
5 SUMP DETAIL NOT TO SCALE



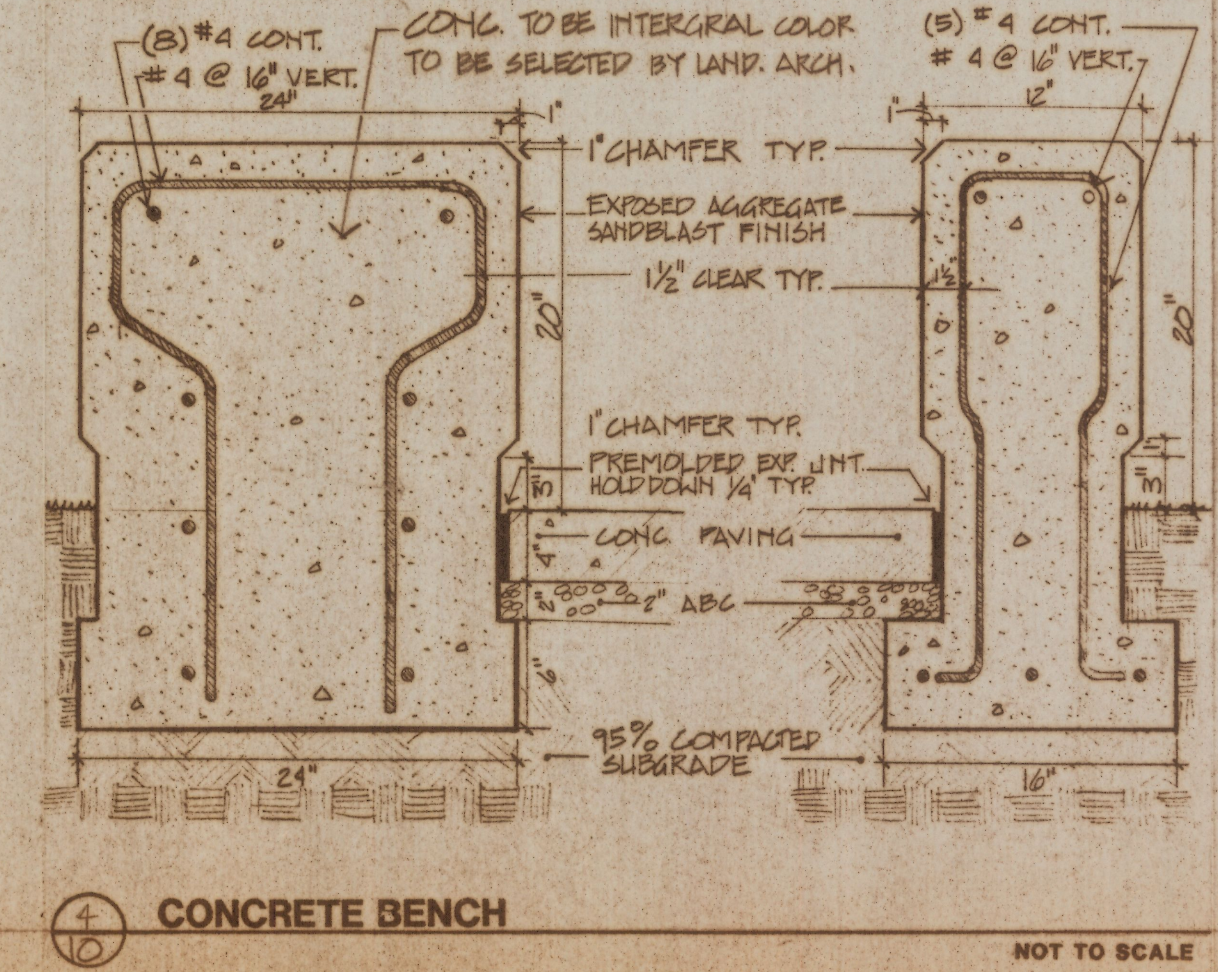
7 BICYCLE RACK NOT TO SCALE



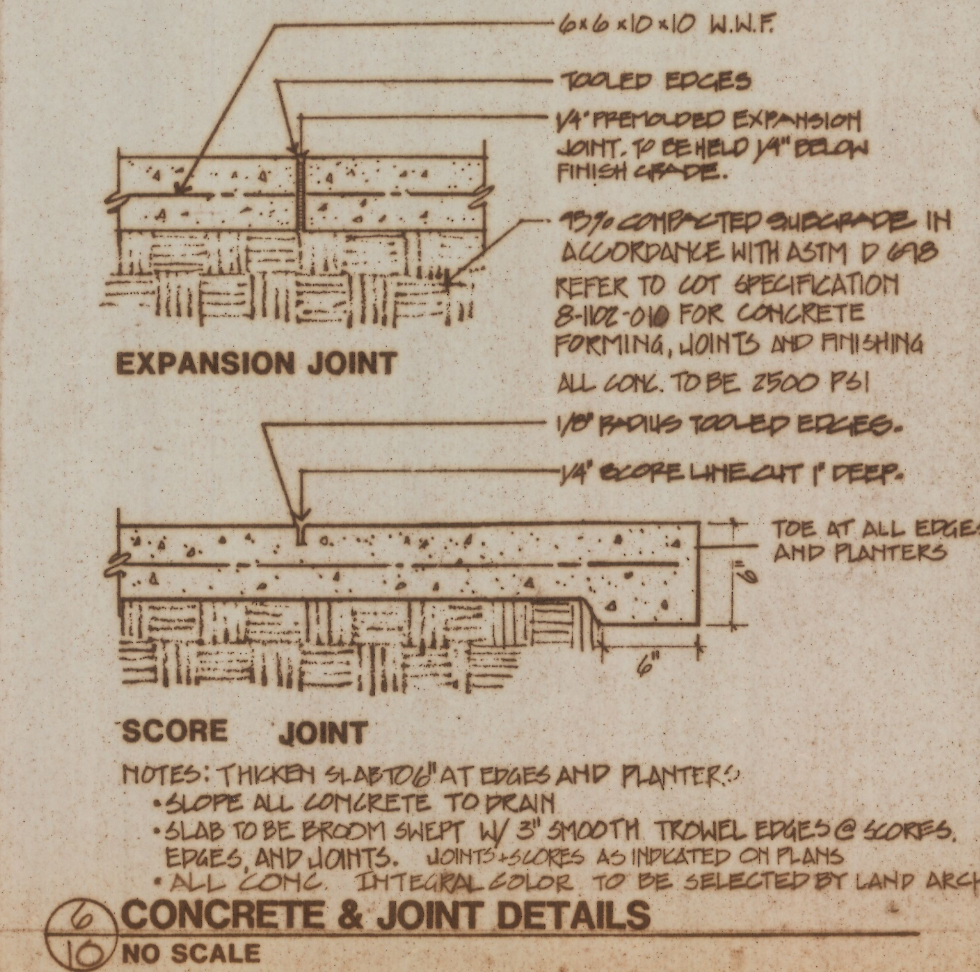
9 DRINKING FOUNTAIN NOT TO SCALE



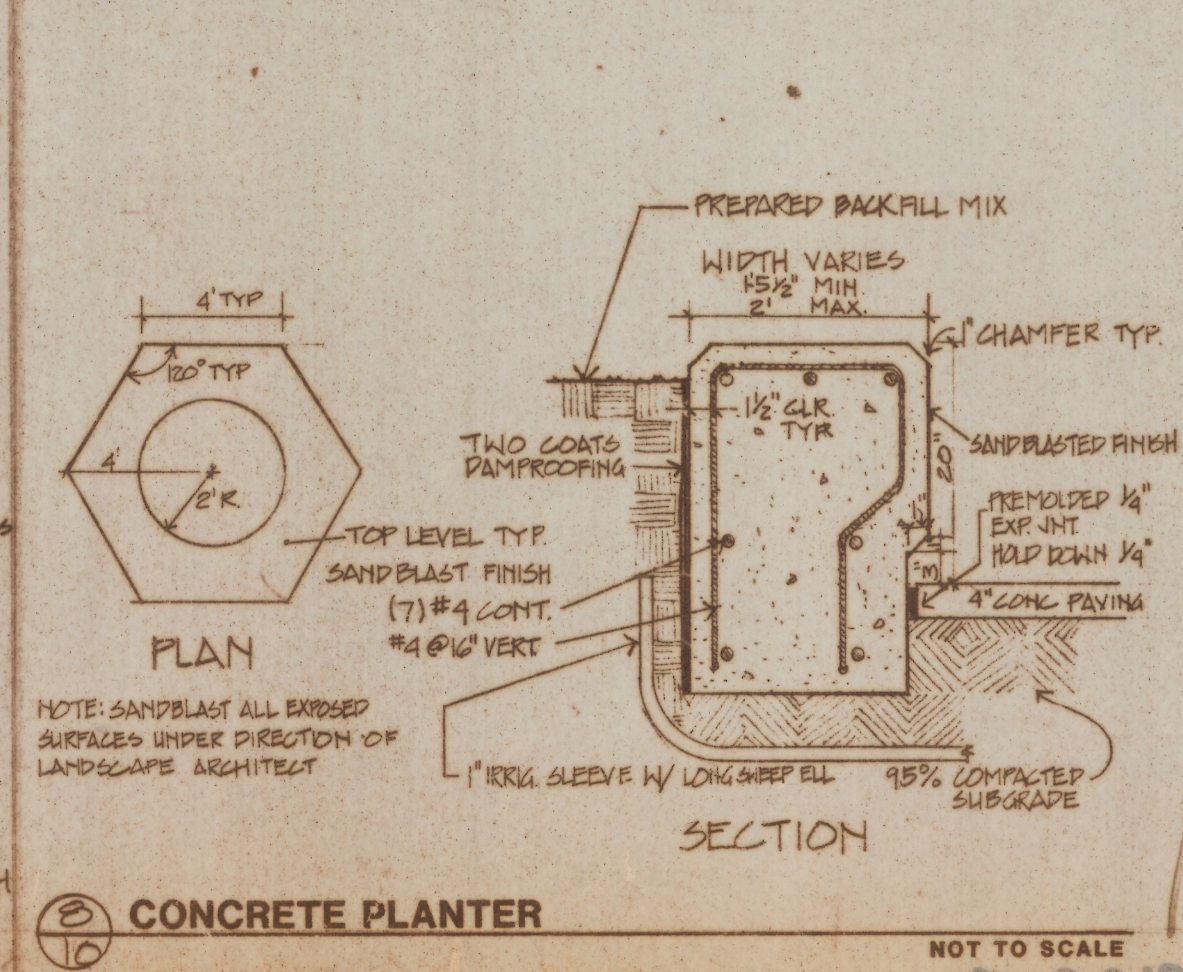
2 ROCK BANK & CURB NOT TO SCALE



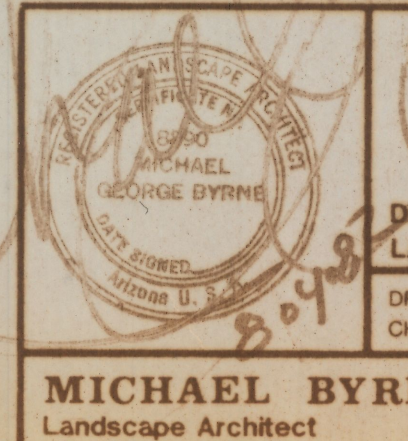
4 CONCRETE BENCH NOT TO SCALE



6 CONCRETE & JOINT DETAILS NO SCALE



2 CONCRETE PLANTER NOT TO SCALE



SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION
TUCSON ARIZONA

PARK LAYOUT & GRADING PLAN

DOWNTOWN DEVELOPMENT CORPORATION
LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION

DRAWN BY DLH
CHECK BY GK

APPROV. *Michael Byrne*
DATE 8-4-02

REVISION 1-3-02 ACORN #3-02

SWS GROUP
Site Planning • Landscape Architecture • Urban Design
Environmental & Resource Planning
580 Broadway, Suite 200, Los Angeles, CA 90013 • (714) 697-5471

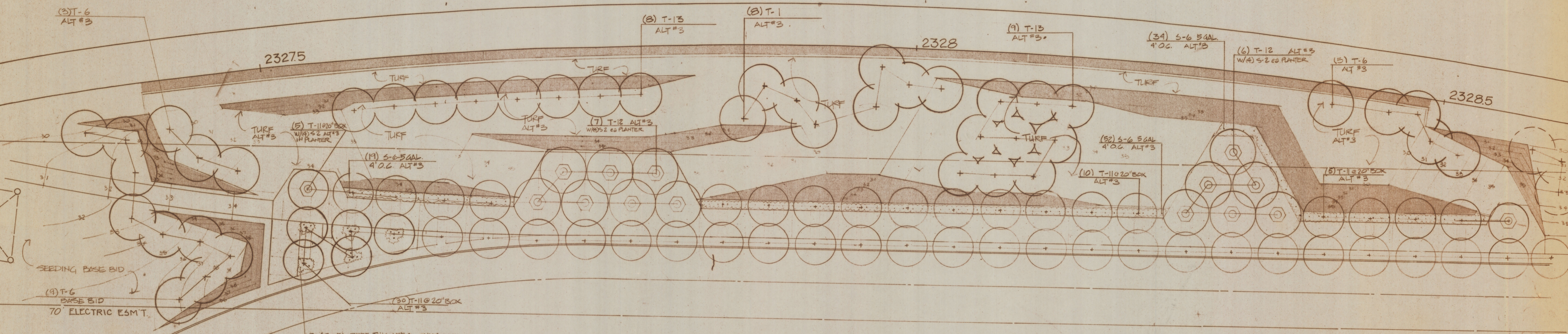
CBA CELLA BARR ASSOCIATES
2075 North South Avenue
Tucson, Arizona 85705
(520) 624-7800

SHEET 10 OF 12

E-2019-002

01858-00-05-01

NOTE: ALL PLANTING THIS SHEET ALT #3 EXCEPT AS NOTED



ELECTRICAL SPECIFICATIONS

FURNISH AND INSTALL INCLUDING LABOR, SUPERVISION, MATERIALS, TOOLS, SERVICES, TRANSPORTATION, OVERHEAD COSTS, FEES, PLAN CHECK FEES, INSPECTION CHARGES, ROYALTIES, PROFITS, ETC. A COMPLETE ELECTRICAL INSTALLATION AS SPECIFIED HEREIN AND INDICATED ON ALL ELECTRICAL AND OTHER DRAWINGS E.G. CONTROL WIRING FOR MECHANICAL SYSTEMS, IN AN APPROVED, NEAT, FIRST-CLASS, FINISHED, SAFE, WORKMANSHIP LIKE MANNER THAT COMPLIES WITH ALL APPLICABLE LOCAL, STATE, FEDERAL, AND SERVING ELECTRICAL AND TELEPHONE UTILITIES, ETC. CODES ORDINANCES, RULES, REGULATIONS, STANDARDS, ETC. INCLUDING CURRENT ADDENDA AND ERRATA, THE ENTIRE ELECTRICAL INSTALLATION SHALL COMPLY WITH OR SURPASS THE MOST RECENT EDITION OF THE NATIONAL ELECTRICAL CODE PER OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

ALL MATERIALS AND EQUIPMENT FURNISHED BY THIS CONTRACTOR SHALL BE NEW OF FIRST-CLASS QUALITY UNLESS OTHERWISE NOTED, FREE FROM DEFECTS, CONFORM WITH UNDERWRITERS LABORATORIES, INC. STANDARDS WHERE APPLICABLE AND BE SO LABELED. MATERIALS AND EQUIPMENT NOT SPECIFIED AND WHERE UNDERWRITERS LABORATORIES INC. APPROVAL IS NOT APPLICABLE AND THAT ARE REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION SHALL BE OF FIRST-CLASS QUALITY FOR USE INTENDED. MATERIALS, EQUIPMENT ETC. NOT INDICATED ON DRAWINGS OR SPECIFIED HEREIN BUT REQUIRED FOR A SUCCESSFUL AND EFFICIENT COMPLETION OF THE ELECTRICAL INSTALLATION SHALL BE HELD TO BE IMPLIED AND SHALL BE FURNISHED AND INSTALLED FOR NO ADDITIONAL COST. ENCLOSURES FOR ALL EQUIPMENT SHALL BE SUITABLE FOR USE INTENDED E.G. WEATHERPROOF FOR EXTERIOR AND WET LOCATIONS. ALL EQUIPMENT SHALL BE RATED FOR USE INTENDED E.G. VOLTAGE, H.P., RATING OF DISCONNECT SWITCHES.

DEVICES SHALL BE SLATER, NO. 700 SERIES TOGGLE SWITCHES, NO. 3200 RECEPTACLES, ALL WITH SLATER STA-KLEEN PLATES. COLOR OF DEVICES AND PLATES WILL BE SELECTED FROM STANDARD AVAILABLE COLORS. COORDINATE ALL OUT-LET LOCATIONS WITH ALL DRAWINGS PRIOR TO ANY ROUGH-IN.

ALL WIRING SHALL BE INSTALLED IN APPROVED RACEWAY. RACEWAYS SHALL BE APPROVED FOR USE INTENDED. CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE. MINIMUM SIZE OF NO. 12 AWG WITH THIN, THIN, OR THIN INSULATION. CONTROL WIRING MAY BE NO. 14 AWG, OR SMALLER IF REQUIRED OR RECOMMENDED BY SUPPLIER OF EQUIPMENT AS APPLICABLE.

MAKE NO INSTALLATION OF WORK WHICH WOULD LEAVE INADEQUATE OPERATING OR SERVICING SPACE FOR ANY ITEM FOR THE ENTIRE PROJECT. DRAWINGS ARE NOT INTENDED TO SHOW IN DETAIL ALL FEATURES OF WORK. CHECK LOCATION OF ELECTRICAL WORK TO DETERMINE IN ADVANCE THAT IT CLEARS ALL OPENINGS, STRUCTURAL MEMBERS, ETC. ARRANGE AND SCHEDULE WORK SO THAT A MINIMUM OF CUTTING AND PATCHING IS REQUIRED. WHERE CONTRACT DOCUMENTS, E.G. DRAWINGS AND SPECIFICATIONS DO NOT MEET WITH MINIMUM CODES, ETC. THIS CONTRACTOR SHALL COMPLY FOR NO ADDITIONAL COST.

INCLUDE AND PAY AS DIRECTED ALL COSTS FOR SERVICING ELECTRICAL AND TELEPHONE UTILITIES CHARGES, INCLUDING ALL ADDITIONAL WORK, MATERIALS, ETC. REQUIRED TO PROVIDE THE COMPLETE ELECTRICAL AND TELEPHONE INSTALLATION FOR THIS PROJECT.

TOOLS AND EQUIPMENT USED FOR THE ENTIRE INSTALLATION SHALL BE ADEQUATE, SAFE, AND IN FIRST-CLASS CONDITION FOR ALL WORK ON THIS PROJECT AND SHALL BE USED ONLY FOR USE INTENDED. KEEP ALL AREAS CLEAN OF WASTE AND DEBRIS. ALL PHASES OF WORK SHALL BE ACCOMPLISHED BY EXPERIENCED, COMPETENT WORKMEN.

MATERIALS, EQUIPMENT, ETC. INCLUDING THOSE FURNISHED BY OTHERS, THAT ARE TO BE INSTALLED BY THIS CONTRACTOR SHALL BE RECEIVED AND PROPERLY PROTECTED BY THIS CONTRACTOR UNTIL ENTIRE INSTALLATION IS COMPLETE.

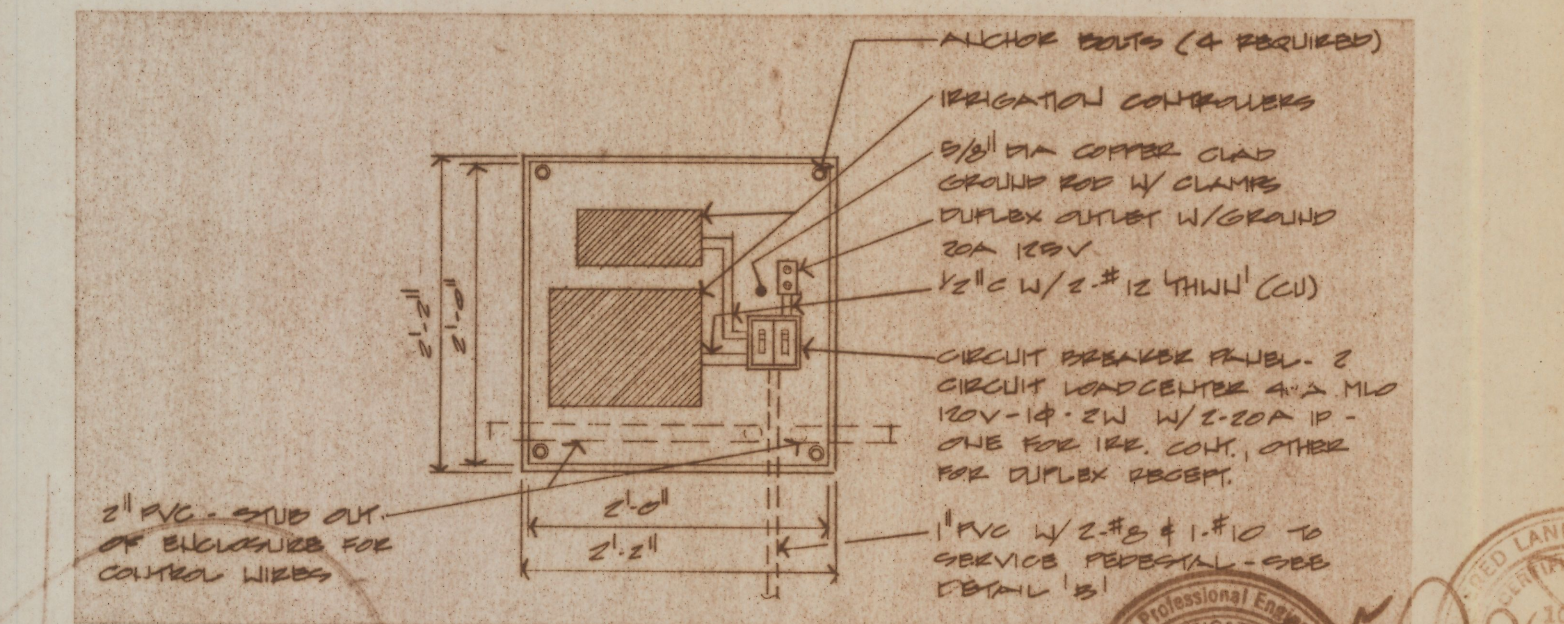
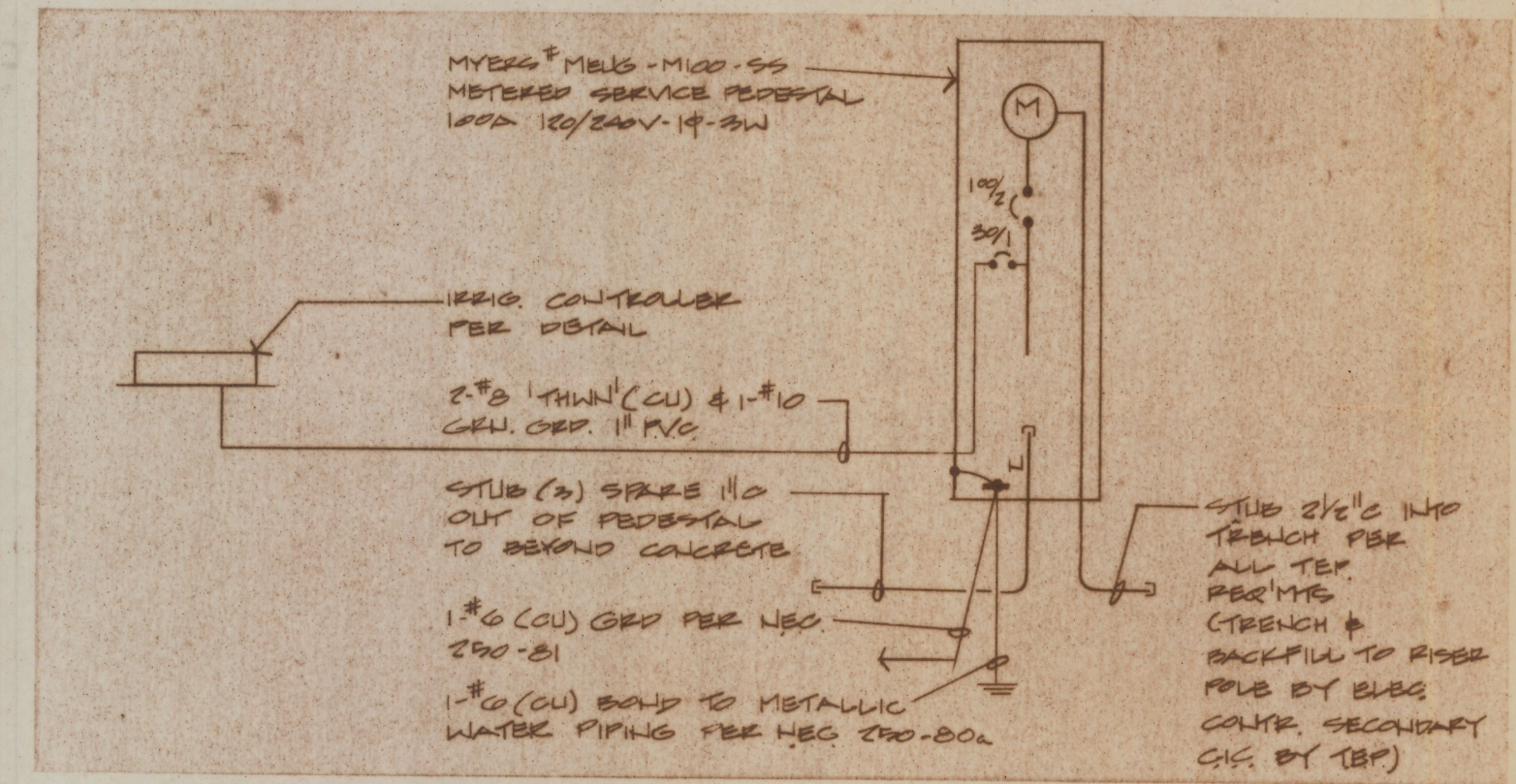
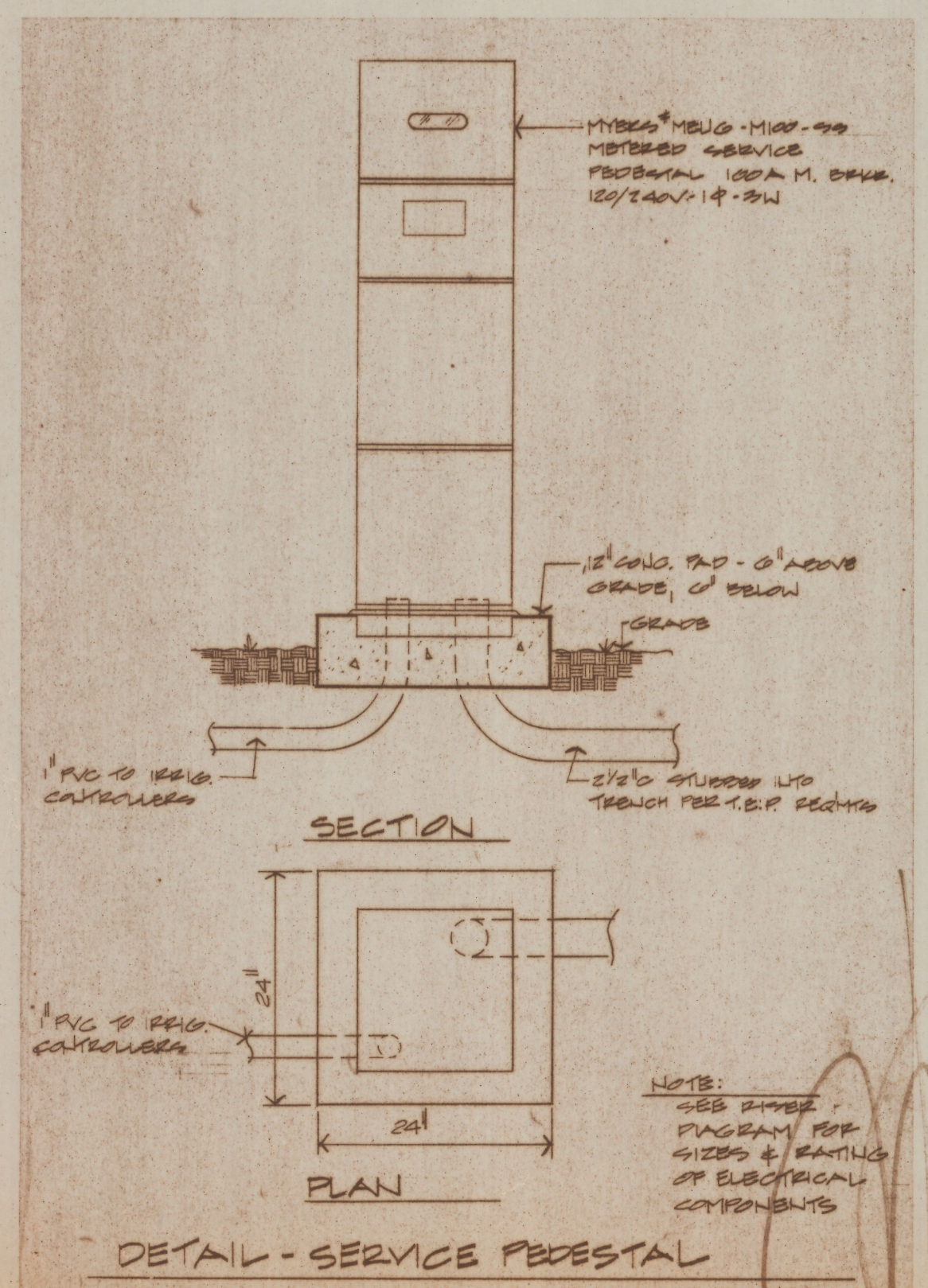
VERIFY AND COORDINATE ALL ELECTRICAL REQUIREMENTS (VOLTAGE, AMPERES, PHASES, ETC.), LOCATIONS ETC. INCLUDING EQUIPMENT AND MATERIALS FURNISHED BY OTHERS, E.G. MOTORS, STARTERS, CONTROL DEVICES, T-STATS ETC. PRIOR TO ANY ROUGH-IN AND COMPLY AS REQUIRED TO COMPLETE ALL ELECTRICAL WORK.

PROVIDE NECESSARY LABOR, TOOLS, EQUIPMENT E.G. VOLTMETER, AMMETER, MEGGER ETC. AND CHECK ENTIRE ELECTRICAL SYSTEM IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. ALL TESTING SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION OF EQUIPMENT, MATERIAL ETC. BEING TESTED.

THIS CONTRACT IS TO INCLUDE ALL CONTINGENCIES WHICH MAY ARISE AND WHICH MAY BE REQUIRED BY ALTERATION AND DEMOLITION WORK. THIS IS TO INCLUDE ALL REMOVAL, RELOCATION AND REWORKING OF ELECTRICAL OUTLETS, CONDUIT, WIRING AND ITEMS OF ELECTRICAL EQUIPMENT REQUIRED AND ANY NECESSARY SPLICING OR EXTENSION OF EXISTING CONDUIT AND WIRING SYSTEMS. THE ELECTRICAL CONTRACTOR SHALL VISIT SITE AND DETERMINE EXTENT OF THE WORK.

THE ELECTRICAL CONTRACTOR SHALL FULLY GUARANTEE THE ELECTRICAL INSTALLATION, AND ALL WORK UNDER THIS SECTION, FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER AGAINST ALL EVIDENCE OF IMPERFECT WORKMANSHIP OR FAILURE OR MALFUNCTION OF MATERIALS AND EQUIPMENT. WORK FOUND TO BE DEFECTIVE WITHIN THIS PERIOD SHALL BE RE-PAID PROMPTLY WITHOUT COST.

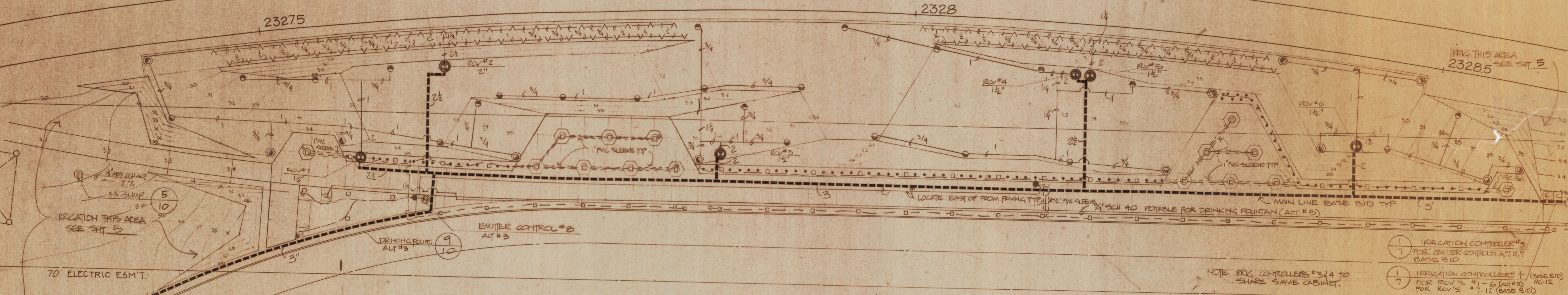
AT COMPLETION OF ELECTRICAL INSTALLATION PROVIDE OWNER WITH ACCURATE AS-BUILT DRAWINGS INDICATING ALL VARIATIONS FROM CONTRACT DRAWINGS AND A LETTER TO THE OWNER'S REPRESENTATIVE STATING PROJECT FULLY COMPLIES WITH ALL CONTRACT DOCUMENTS AND IF NOT HOW INSTALLATION WAS ACCOMPLISHED. ALL CHANGES SHALL BE SUBJECT TO OWNER'S REPRESENTATIVE'S APPROVAL.



	SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA		SHEET
	PARK PLANTING PLAN		11
	DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF
	DRAWN BY: DW CHECK BY: CK		12
APPROVED: CK DATE: 8.4.82		REVISION:	
MICHAEL BYRNE Landscape Architect	swa group Site Planning • Landscape Architecture • Urban Design Environmental & Resource Planning • 580 Bro. Way, Suite 200, Laguna Beach, CA 92651 • (714) 497-8471	CBA CELIA BARR ASSOCIATES 2775 North 48th Avenue Suite 100, Phoenix, AZ 85018 (602) 424-1400	

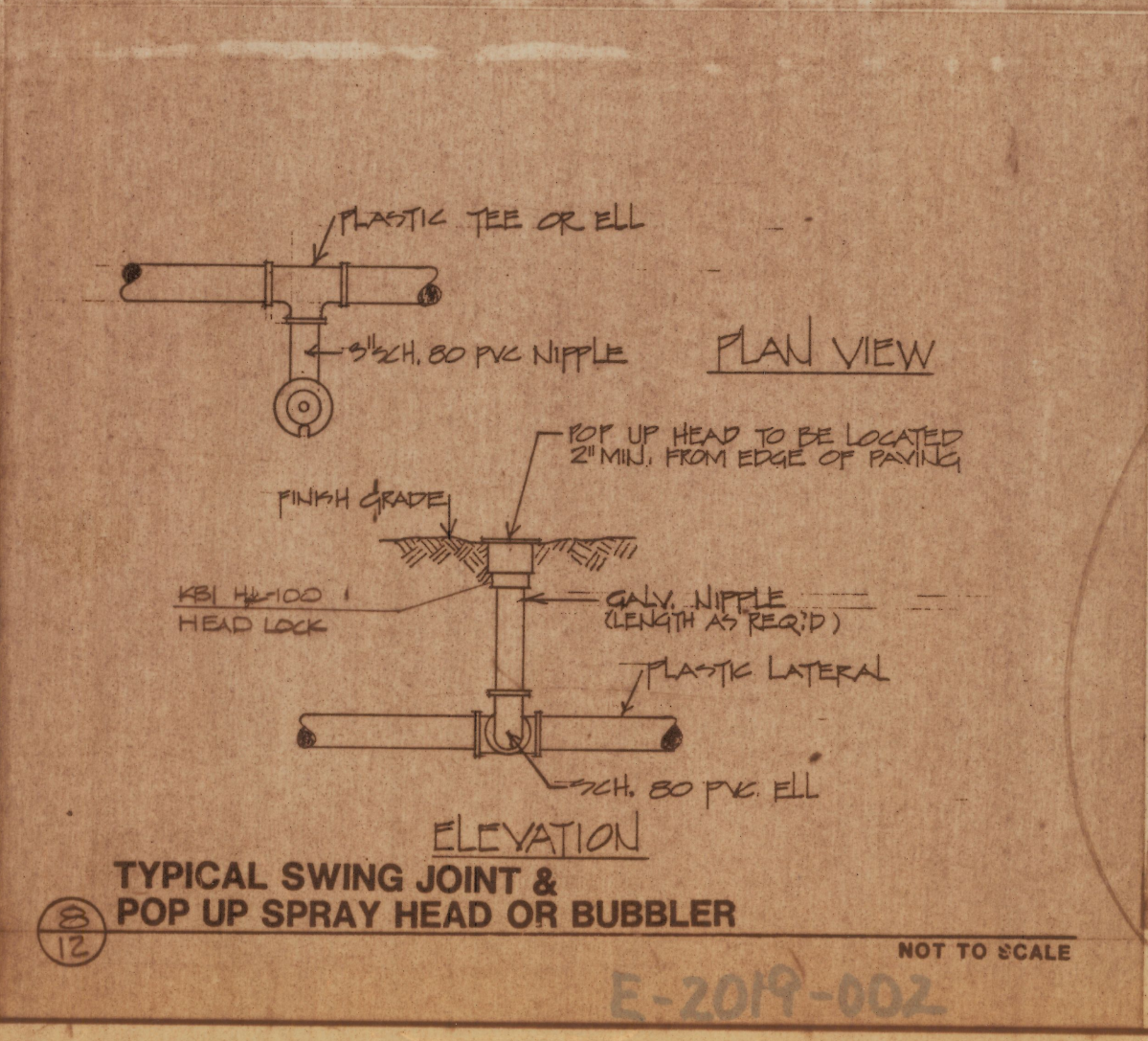
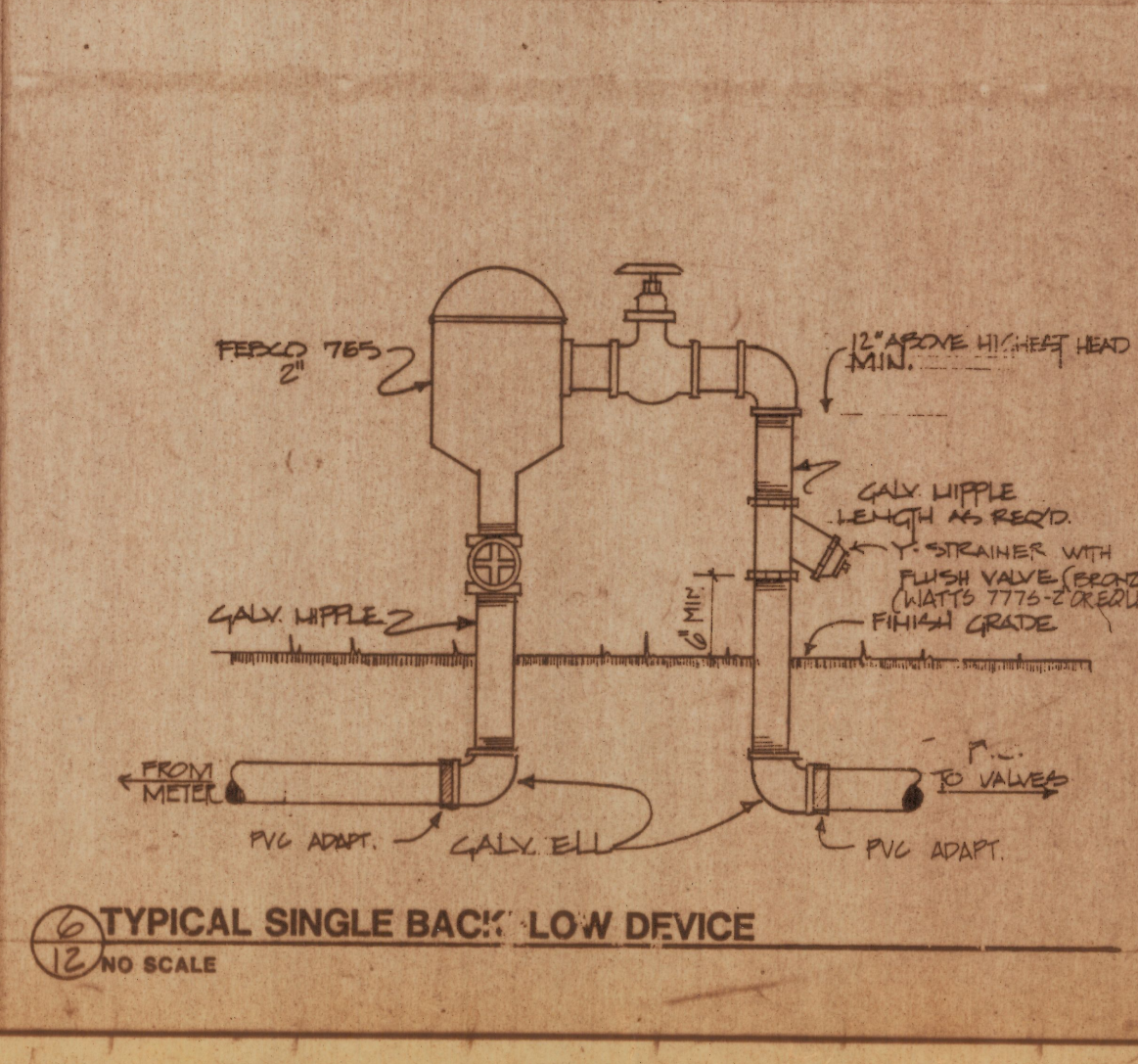
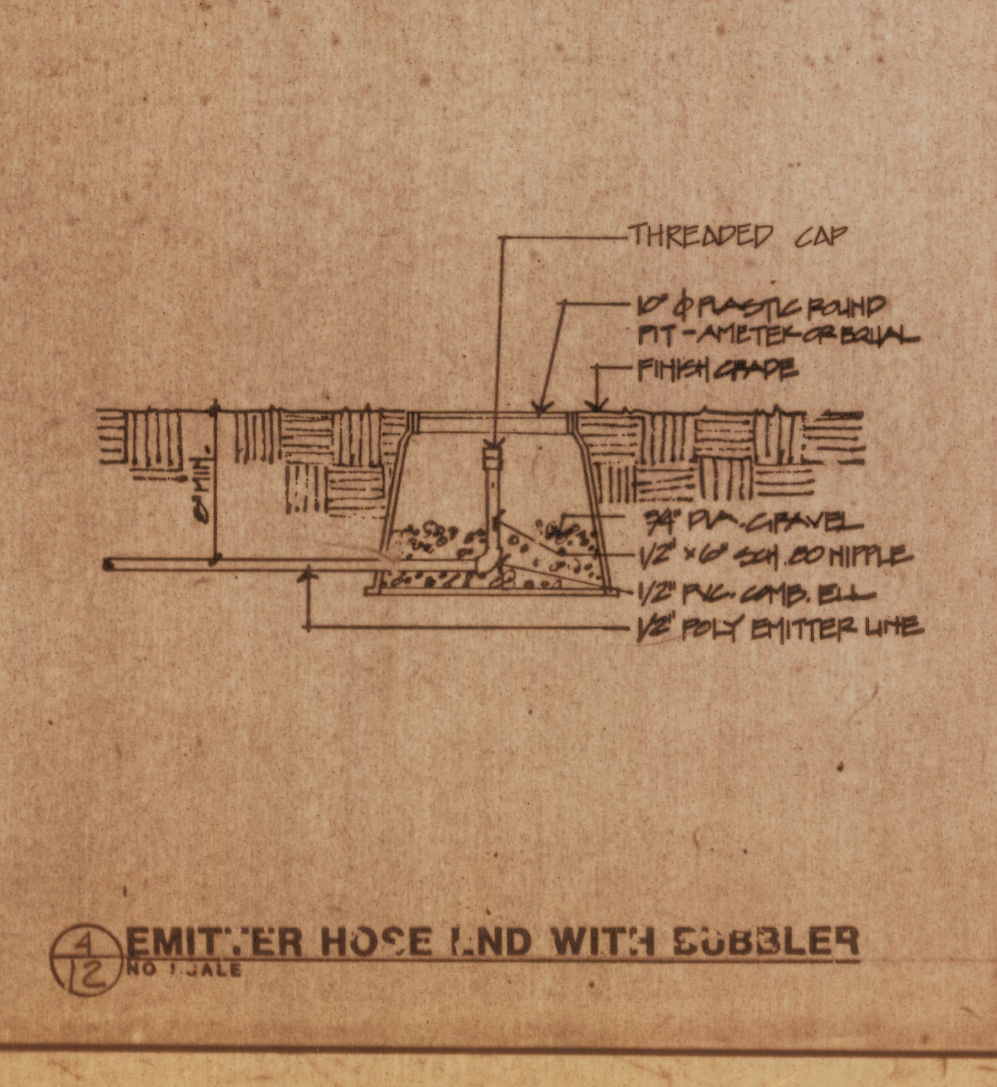
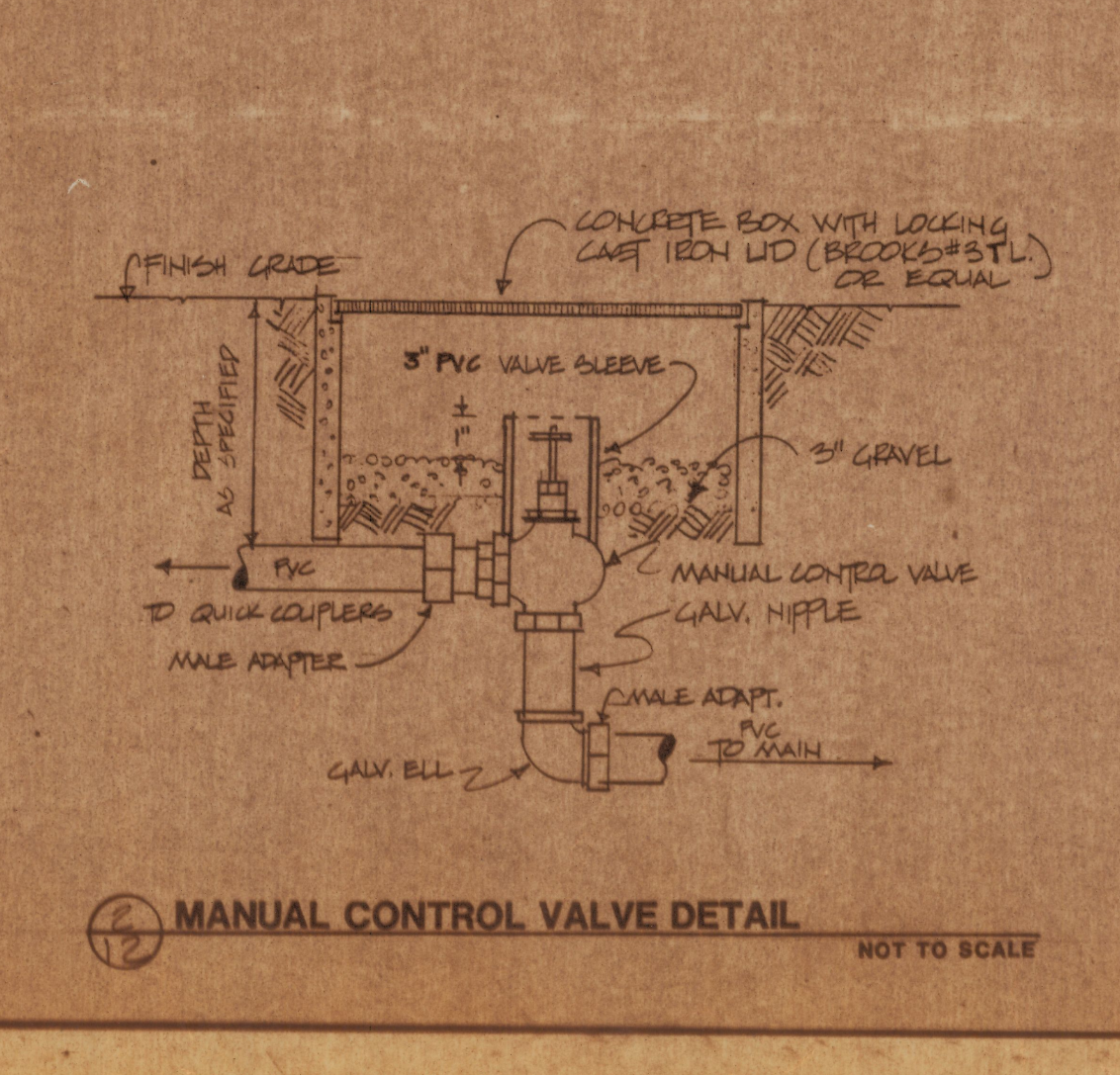
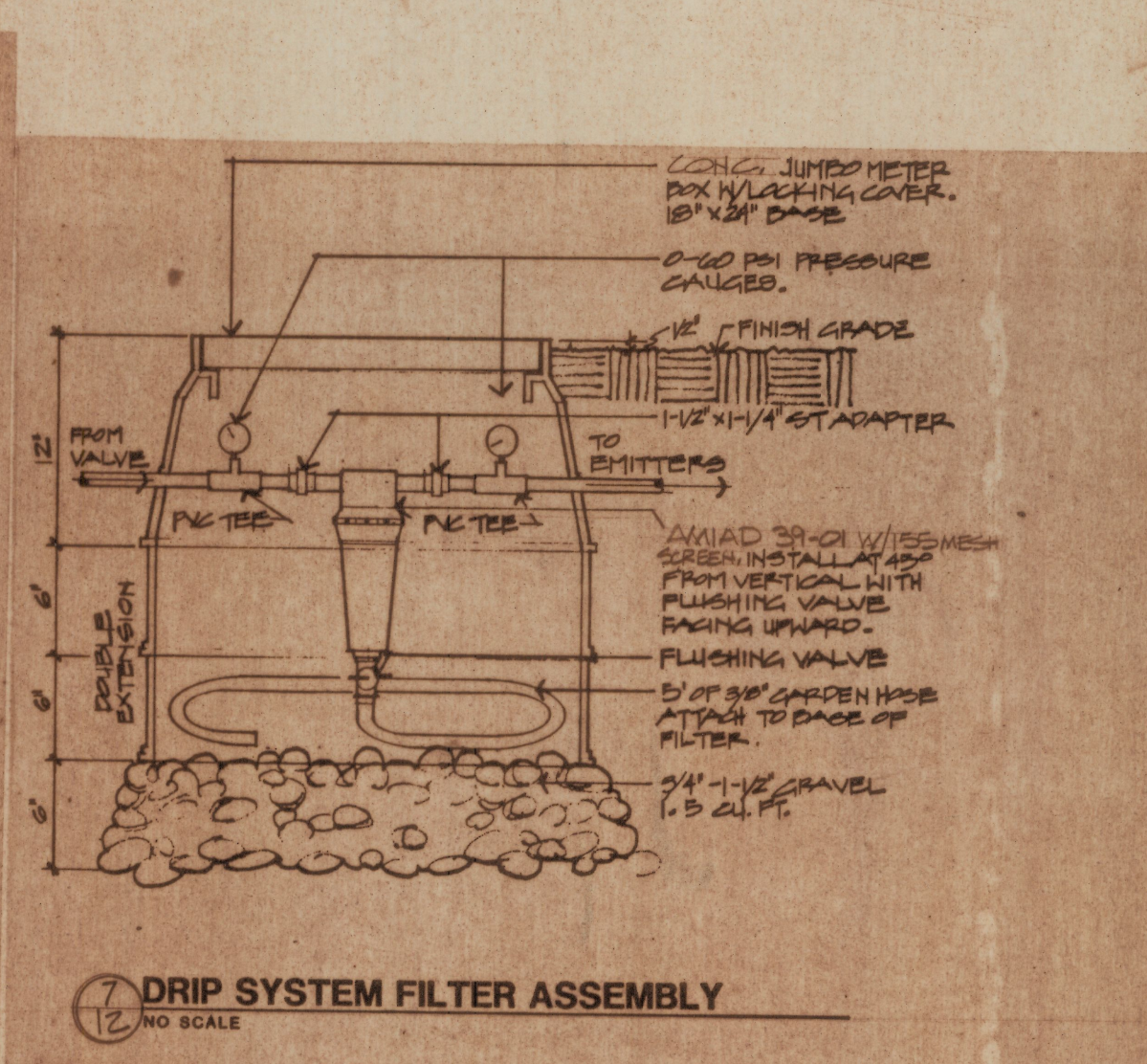
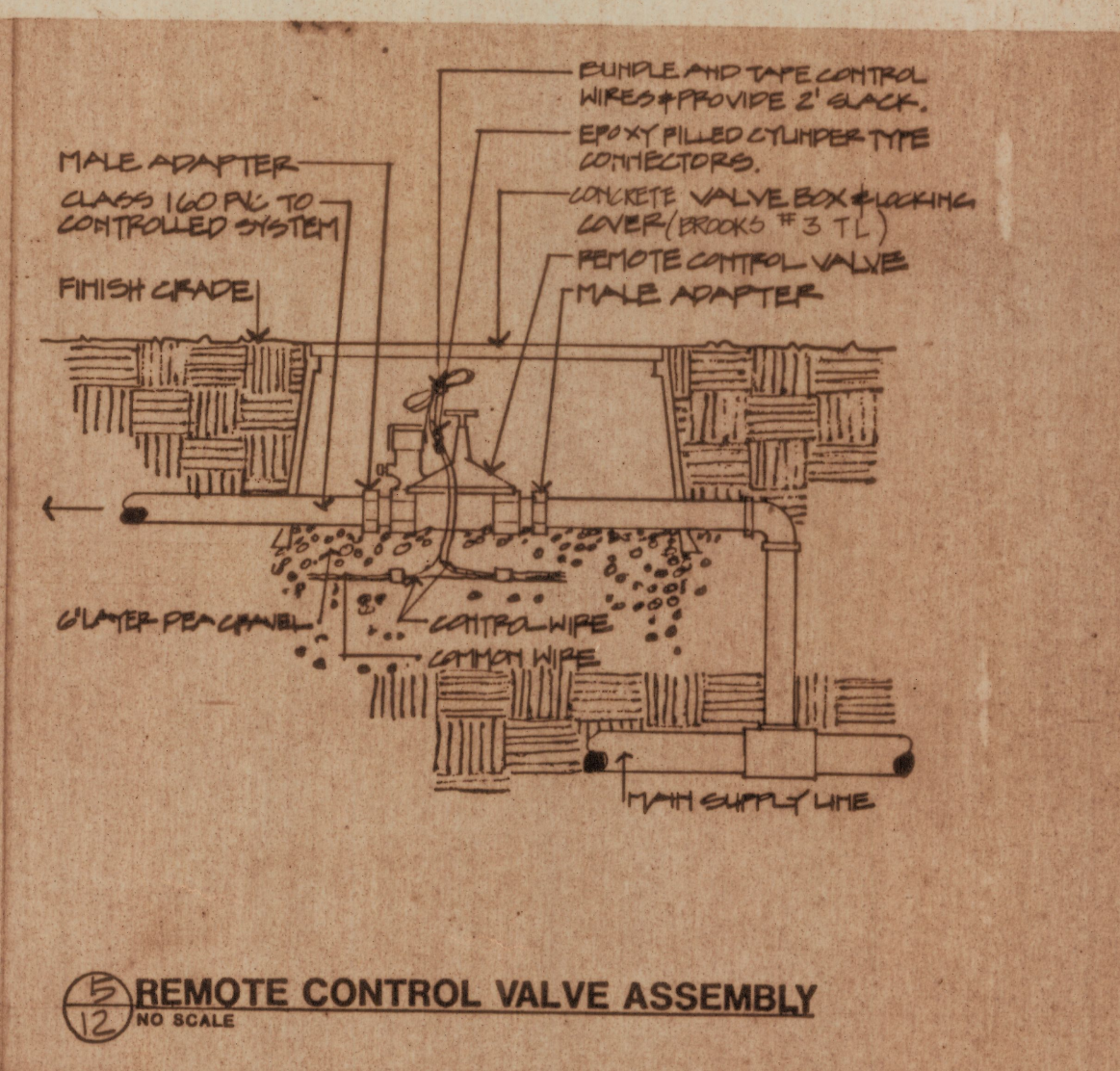
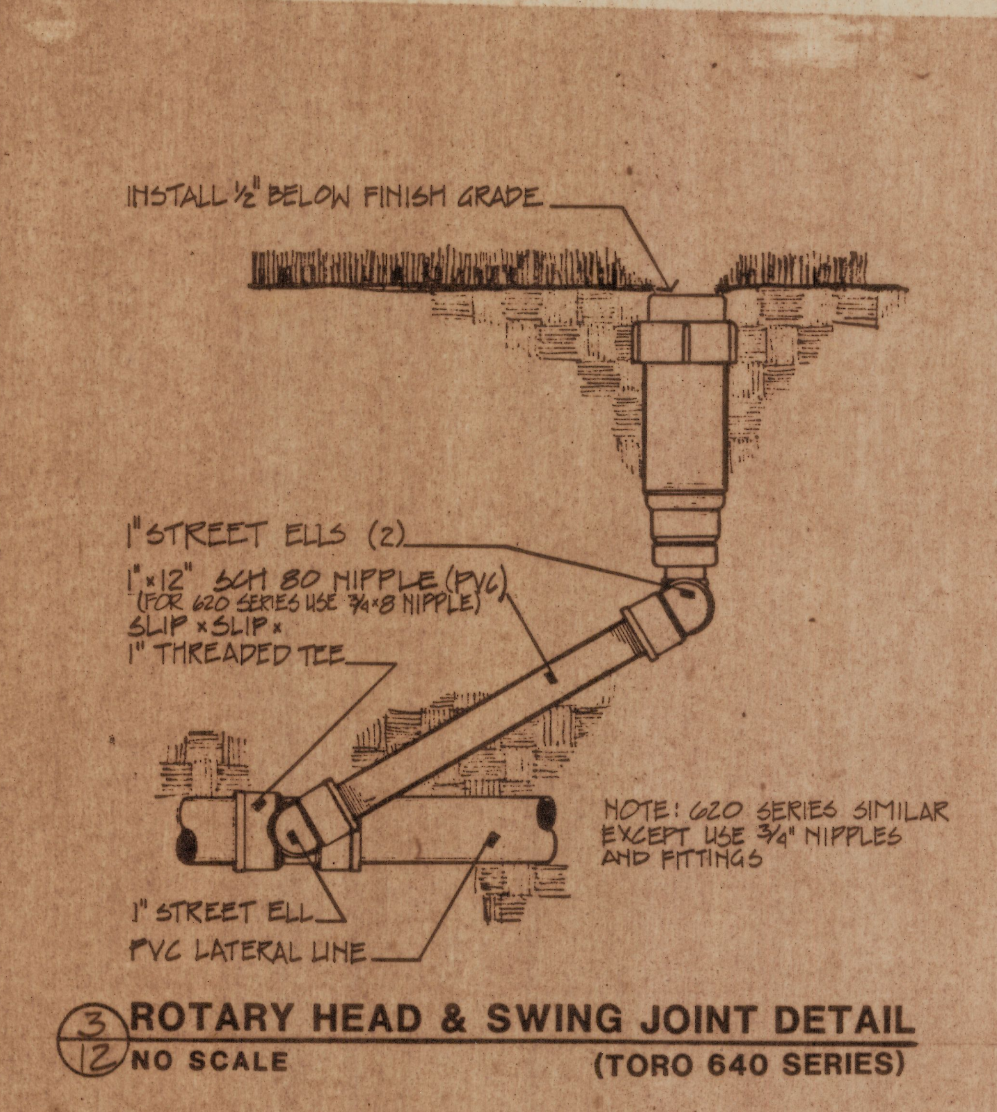
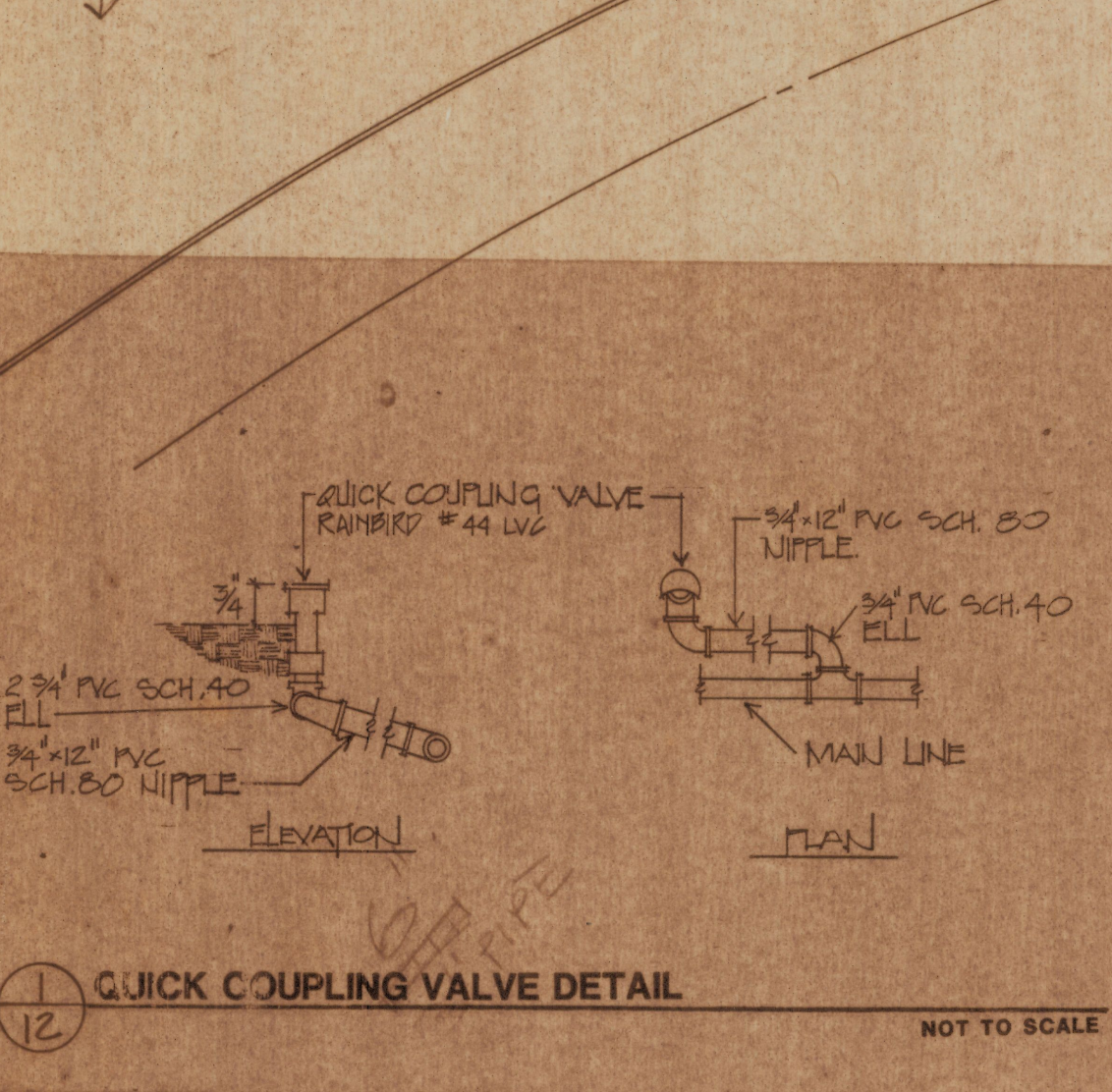
E-2019-002

NOTE: IRRIGATION STA 30R → 44+25R IS INCLUDED IN ALT #3 EXCEPT MAINLINE AS NOTED AND CONTROL WIRES FOR BASE BID VALVES.



- 1 IRRIGATION CONTROLLER #3 FOR EMITTER CONTROLS 6,7,8,9 BASE BID
- 7 IRRIGATION CONTROLLER #4 (BASE BID) FOR RCV'S #1-6 (ALT #3) WC-12 FOR RCV'S #7-12 (BASE BID)

NOTE: IRR. CONTROLLERS #3,4 TO SHARE SAME CABINET.



NOTE: DRAWING IS SCHEMATIC. LOCATE MAINLINE VALVES AND HEADS WITHIN LIMITS OF CONSTRUCTION

		SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION TUCSON ARIZONA PARK IRRIGATION PLAN		SHEET 12
		DOWNTOWN DEVELOPMENT CORPORATION LANDSCAPE PLANS FOR THE SANTA CRUZ RIVER FLOOD CONTROL CHANNELIZATION		OF 12
DRAWN BY: CK CHECK BY: CK	APPROV. DATE: 8-9-87	REVISION: 1-3-82 ADD #3-CK		
MICHAEL BYRNE Landscape Architect		SWB GROUP Site Planning • Landscape Architecture • Urban Design 560 Broadway, Suite 200, Laguna Beach, CA 92653 • (714) 497-6471		CBA CELLA BARR ASSOCIATES 10155 N. 19th Ave., Suite 100, Phoenix, AZ 85021 • (602) 998-8888

25118 CBY Santa Cruz River Flood