

# INDIAN WELLS TENNIS GARDEN SOUTHWEST PARKING LOT

APN: 604-640-001  
INDIAN WELLS, CA



# MSA CONSULTING, INC.

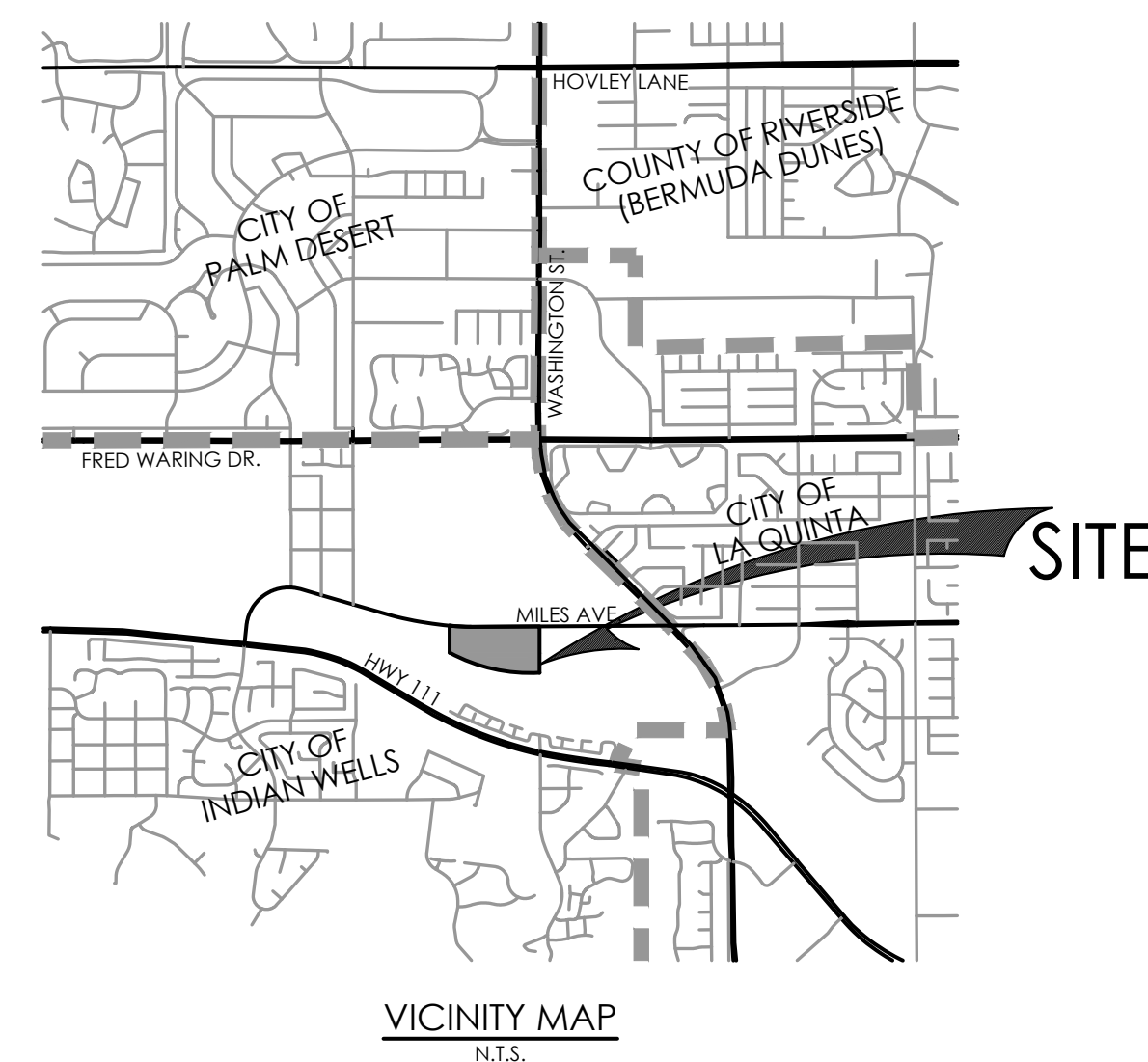
> LANDSCAPE ARCHITECTURE > PLANNING > CIVIL ENGINEERING > LAND SURVEYING

34200 BOB HOPE DRIVE, RANCHO MIRAGE, CA 92270  
760.320.9811 MSACONSULTINGINC.COM

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## VICINITY MAP:



## WATER CONSERVATION STATEMENT:

### Landscape Documentation Package Checklist IWG - SOUTHWEST PARKING LOT

Tract or Parcel Number: \_\_\_\_\_  
Assessor's Parcel Number (APN): 604-640-001  
Project Location: West of Washington St. South of Miles Ave.  
Landscape Architect / Irrigation Designer / Contractor Nt  
RGA Landscape Architects, 34200 Bob Hope Drive, Rancho Mirage, Ca.

#### Included in this Landscape Documentation Package are:

1. Water Efficient Landscape Worksheet

#### WATER BUDGET CALCULATIONS

2. Maximum Applied Water Allowance (MAWA):  
Conventional Landscape: 1546.75 100 cubic feet per year  
Recreational Turf grass Landscape: 0 100 cubic feet per year  
Maximum Applied Water Allowance: 1546.75 100 cubic feet per year

3. Estimated Total Water Use by Hydrozone:  
Very Low Plant Hydrozones: 0 100 cubic feet per year  
Low Plant Hydrozones: 516.05 100 cubic feet per year  
Moderate Plant Hydrozones: 627.05 100 cubic feet per year  
High Plant Hydrozones: 0 100 cubic feet per year  
Turf grass Hydrozones: 0 100 cubic feet per year  
Recreational Turf grass Hydrozones: 0 100 cubic feet per year  
Annual Color: 0 100 cubic feet per year  
Water Features: 0 100 cubic feet per year  
Estimated Total Water Use (ETWU): 1143.05 100 cubic feet per year

4. ETWU < MAWA

#### PLAN SETS

5. Landscape Design Plan

6. Irrigation Design Plan

7. Grading Design Plan

8. Soil Management Report

I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete Landscape Document Package.  
Date: 4/7/2021 Applicant: Erin Bohlin

## PREPARED FOR:

OLIPHANT ENTERPRISES  
77-900 AVENUE OF THE STATES  
PALM DESERT, CA 92211

T: (760)345-2554

## CONSULTANTS:

### REVISIONS/SUBMITTALS

1	SUBMITTAL: CVWD		
2	LIGHTING REVISIONS & RESUBMITTAL: CVWD		

PROJ. NO.: 2204

ISSUED DATE: 04/07/2021

## SPECIFICATIONS:

SPECIFICATIONS FOR THIS PROJECT ARE TO BE INCLUDED IN ELECTRONIC BOOK FORMAT. IF A COPY OF THE SPECIFICATIONS WAS NOT RECEIVED, PLEASE CONTACT THE LANDSCAPE ARCHITECT OF RECORD FOR A COPY.

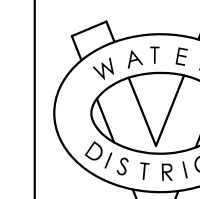
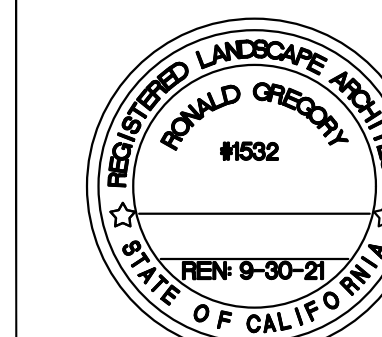
UNDERGROUND  
SERVICE ALERT



TWO WORKING DAYS BEFORE YOU DIG

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LANDSCAPE  
ARCHITECT

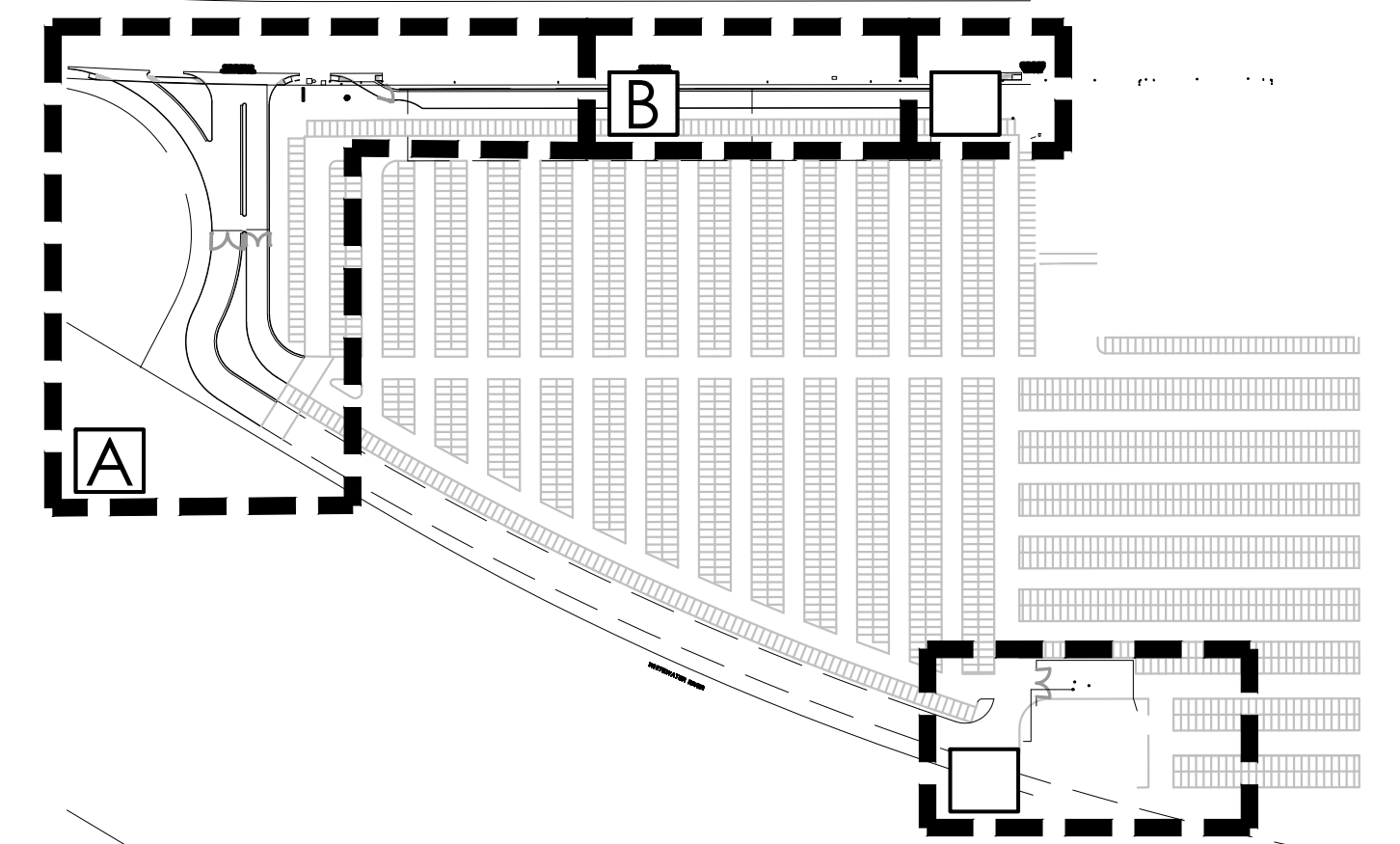
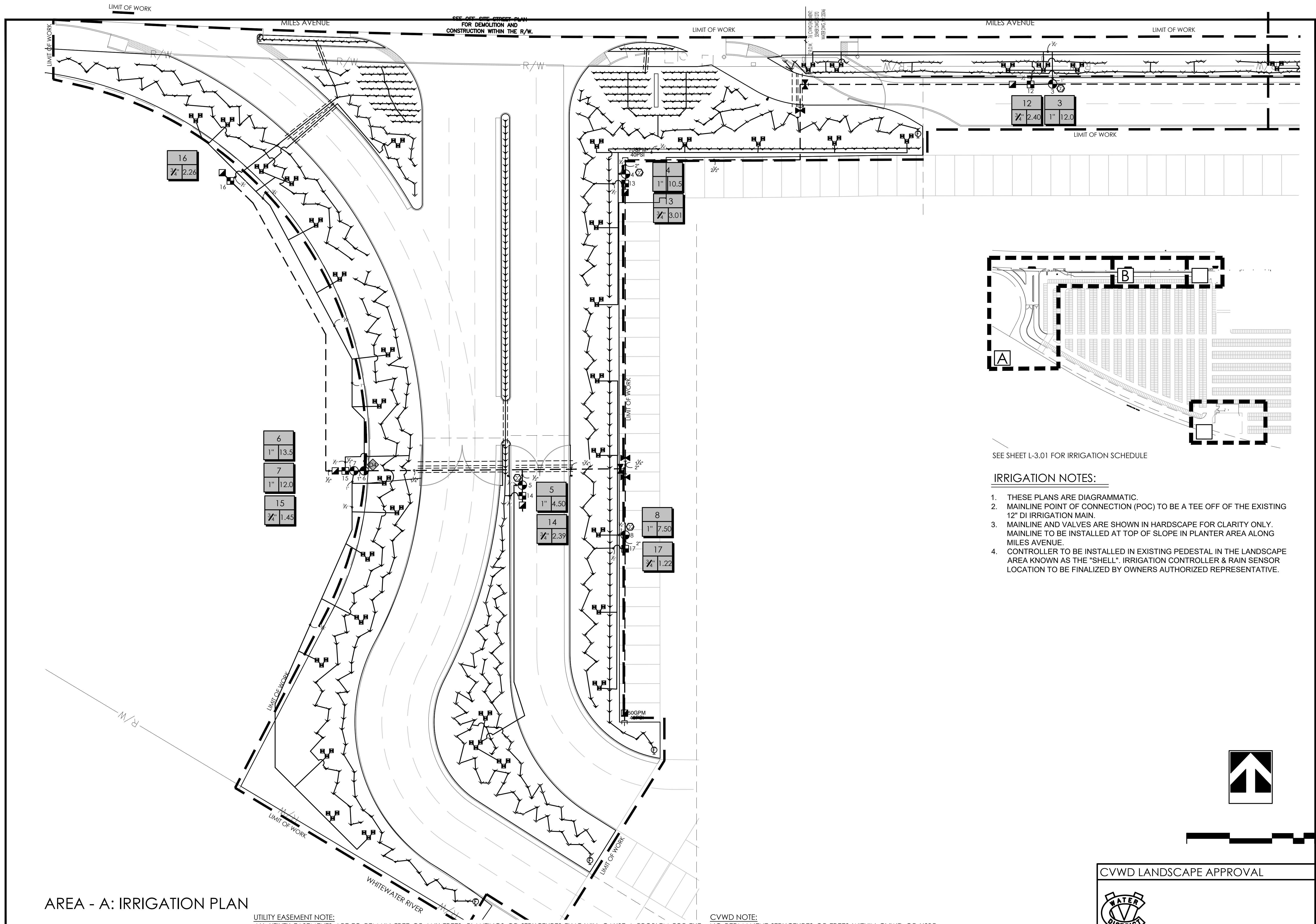


## STANDARD SYMBOLS AND ABBREVIATIONS

---	LIMIT OF WORK	HDR	HEADER BOARD
---	SHEET MATCHLINE	ALIGN	ALIGN ACCORDINGLY
⌒	MOUNDING (NOT TO EXCEED 3:1)	TYP	TYPICAL
+12"	HIGH POINT OF MOUND (IN INCHES)	PA	PLANTING AREA
○	KEYNOTE, SEE MASTER LIST OF SHEET	☉	CENTER LINE
○	DETAIL NUMBER	ℙ	PROPERTY LINE
○	SHEET NUMBER	R	RADIUS
△	EXPANSION JOINT	DN	DOWN RISERS
▲	SCORE JOINT	EQ	EQUAL
●	POINT OF BEGINNING FOR DIMENSIONING	WS	WATER SURFACE LEVEL
←	DIRECTION OF SLOPE, % MIN. ON HARDSCAPE	MIN	MINIMUM
⌒	ELEVATION DETAIL	COL	COLUMN
		HP	HEIGHT POINT
		LP	LOW POINT
		DIA	DIAMETER
		CONT	CONTINUOUS
		HT	HEIGHT
		SIM	SIMILAR
		O.C	ON CENTER
		DG	DECOMPOSED GRANITE
		TW	TOP OF WALL (AS MEASURED FROM THE ADJACENT FINISH GRADE)

IRRIGATION PLAN



SEE SHEET L-3.01 FOR IRRIGATION SCHEDULE

**IRRIGATION NOTES:**

1. THESE PLANS ARE DIAGRAMMATIC.
2. MAINLINE POINT OF CONNECTION (POC) TO BE A TEE OFF OF THE EXISTING 12" DI IRRIGATION MAIN.
3. MAINLINE AND VALVES ARE SHOWN IN HARDSCAPE FOR CLARITY ONLY. MAINLINE TO BE INSTALLED AT TOP OF SLOPE IN PLANTER AREA ALONG MILES AVENUE.
4. CONTROLLER TO BE INSTALLED IN EXISTING PEDESTAL IN THE LANDSCAPE AREA KNOWN AS THE "SHELL". IRRIGATION CONTROLLER & RAIN SENSOR LOCATION TO BE FINALIZED BY OWNERS AUTHORIZED REPRESENTATIVE.

**AREA - A: IRRIGATION PLAN**

**CONTINGENCY NOTE:**  
 LANDSCAPE CONTRACTOR SHALL INCLUDE A CONTINGENCY EQUAL TO 10% OF THEIR BID TO PROVIDE ADDITIONAL WORK OR MATERIALS DURING CONSTRUCTION IF REQUESTED BY OWNER OR LANDSCAPE ARCHITECT. ANY CONTINGENCY FUNDS NOT USED SHALL BE REMITTED TO OWNER.

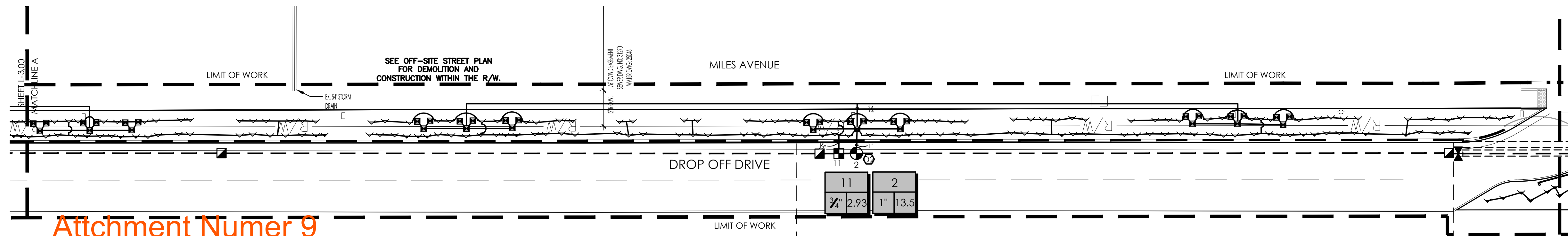
**UTILITY EASEMENT NOTE:**  
 ALL UTILITY EASEMENTS ARE TO REMAIN FREE OF ANY TREES, PLANTINGS OR STRUCTURES THAT WILL CAUSE A PROBLEM FOR THE UTILITY COMPANY TO ACCESS OR TO USE THAT DEDICATED PORTION OF THE PROPERTY. THE UTILITY COMPANIES ARE WITHIN THE LAW TO DEMOLISH OR DAMAGE ANYTHING THAT IS LOCATED WITHIN THE UTILITY EASEMENT THAT PREVENTS ACCESS AND USE OF THE DEDICATED PORTION OF THE PROPERTY IF NECESSARY. UTILITY COMPANIES HAVE THE RIGHT TO ACCESS THEIR FACILITIES AT ANY TIME FOR MAINTENANCE AND EMERGENCY PURPOSES. IF NECESSARY, THE UTILITY MAY REMOVE LANDSCAPING, STRUCTURES OR ANYTHING ELSE BLOCKING ACCESS TO THEIR FACILITIES AT OWNER EXPENSE. UTILITIES ARE NOT RESPONSIBLE FOR REPLACING ANY PLANTING WITHIN THEIR EASEMENT.

**CVWD NOTE:**  
 NO PERMANENT STRUCTURES OR TREES WITHIN CVWD OR USBR EASEMENTS. CVWD WILL NOT BE RESPONSIBLE FOR CHANGE OR REPLACEMENT OF ANY SURFACE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO DECORATIVE CONCRETE, LANDSCAPING, CURB, GUTTER, SIDEWALKS, PLANTERS, GATES AND RELATED IMPROVEMENTS INSTALLED WITHIN CVWD AND /OR USBR EASEMENT

**CVWD LANDSCAPE APPROVAL**



Date \_\_\_\_\_  
 CVWD Plan # \_\_\_\_\_



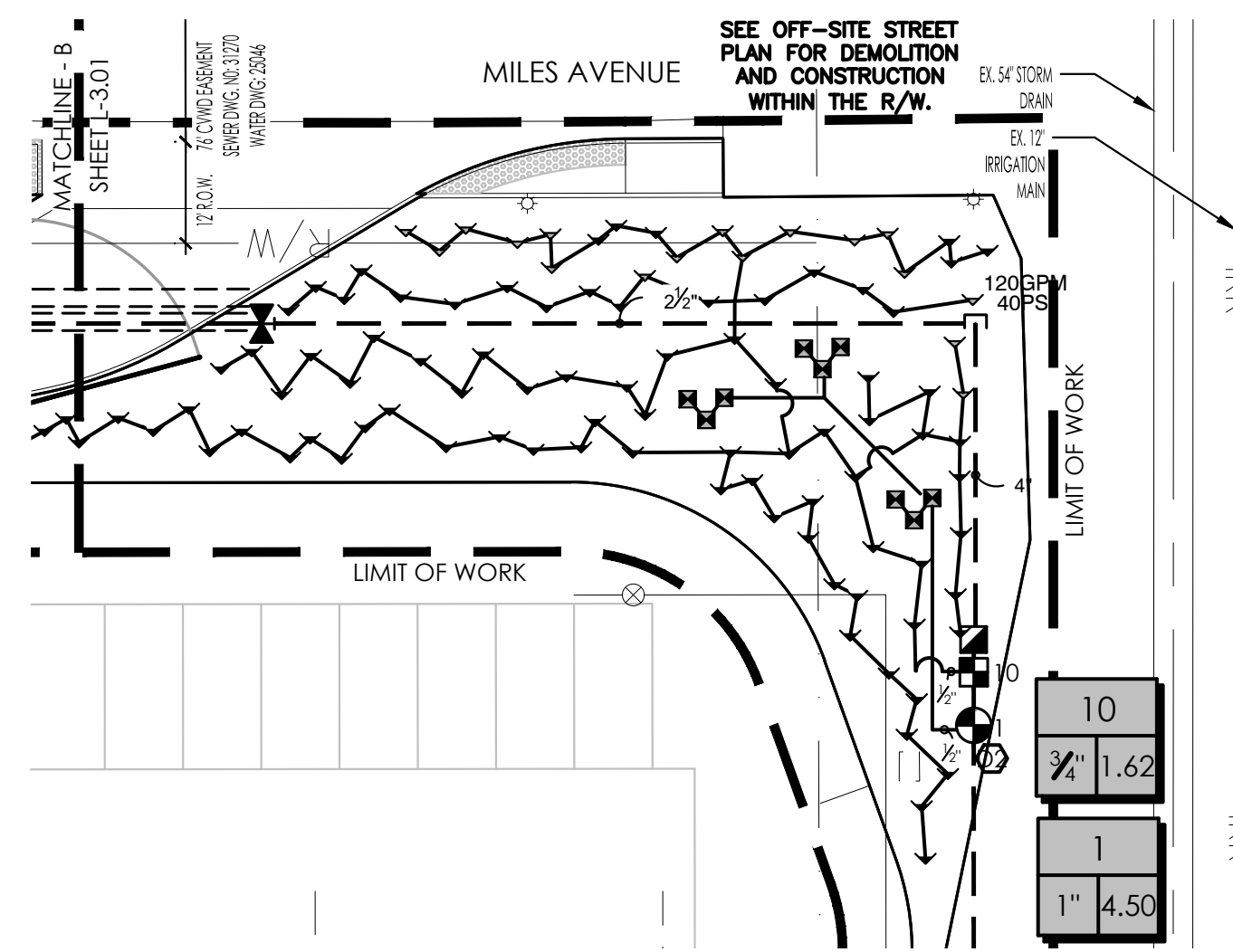
Attachment Number 9

AREA - B: IRRIGATION PLAN

IRRIGATION SCHEDULE			
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	DETAIL
	Rain Bird 1804-1400 Flood 1401 Flood Bubbler 4.0" pop up	40	
	Rain Bird LFV-075 3/4" Low Flow DV Valve		
	Toro T-FCH-FPT Flush Valve, plumbed to flush manifold at low point.		
	Bowsmith SL200 Series Single Outlet Emitter Single Outlet emitter, 0.6gph through 2.0gph flow, 1/2" FPT with barbed elbow outlet, Green=0.6gph, Blue=1.0gph, Red=2.0gph, Yellow=3.0gph.		
	Rain Bird EPB-CP 1" 1-1/2" 2" Brass Remote Control Valve, that is Contamination Proof w/Self-Flushing Filter Screen, Globe Configuration, Reclaimed Water Compatible, and Purple Handle Cover Designates Non-Potable Water Use.		
	Rain Bird 33-DIRC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, Double Track Key Lug, and 2-Piece Body.		
	Matco-Norca 759 Brass Shut Off Ball Valve, 1/2" to 4", Two Piece Body, Blow-Out Proof Stem, Chrome Plated Solid Brass Ball, Threaded, with PTFE Seats. Same size as mainline pipe.		
	Buckner-Superior 3000 2" Normally Closed Brass Master Valve that Provides Dirty Water Protection and 3-Way Solenoid Design. Available in 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3" sizes.		
	Rain Bird ESPLXIVM-LXMPED Flow sensing Two-Wire Decoder Commercial Controller, 40 Stations, UV-Resistant, Outdoor-Rated, Powder-Coated Metal Pedestal Case. Available in the US market, International, European, or Australian Markets.		
	Rain Bird FD-202TURF Field Decoder for Two-Wire system. Install in valve box for valve. Operates two valve/solenoids or two pairs of valves. Use line surge protection as per manufacturer's directions.		
	Rain Bird FD-401TURF Field Decoder for Two-Wire system. Install in valve box for valve. Operates up to four valve/solenoids. Use line surge protection as per manufacturer's directions.		
	Rain Bird FS-100-B 1" Flow Sensor for use with Rain Bird Maxicom, SiteControl, and ESP-LXD Central Control Systems. Brass Model. Suggested Operating Range of 2.0 GPM to 40.0 GPM. Sensors should be sized for flow rather than pipe size.		
	Point of Connection 4" Private - IWG		
	Irrigation Lateral Line: PVC Class 200 SDR 21		
	Irrigation Mainline: PVC Schedule 40		
	Pipe Sleeve: PVC Schedule 40 SLEEVING TO EXTEND 18" BEYOND EDGES OF HARDSCAPE AND/OR PAVEMENT, SLEEVING TO BE 2X DIA. OF PIPE, MAINLINE TO HAVE A SPARE SLEEVE INSTALLED WHEN CROSSING ROADWAYS.		

CRITICAL ANALYSIS

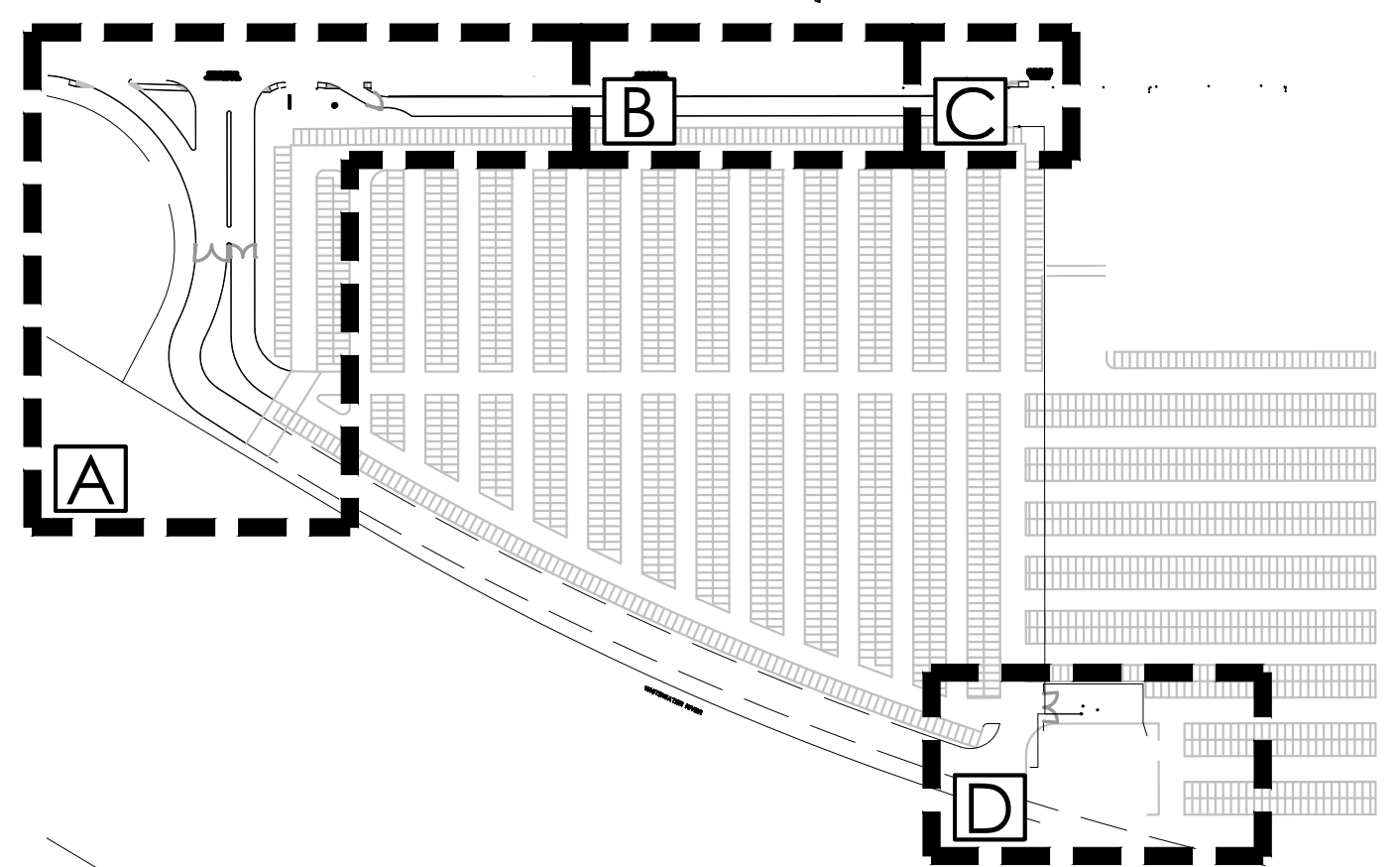
Generated: 2021-04-07 09:43  
 P.O.C. NUMBER: 01  
 Water Source Information: Private - IWG  
 FLOW AVAILABLE  
 Point of Connection Size: 4"  
 Flow Available: 298.00 gpm  
 PRESSURE AVAILABLE  
 Static Pressure at POC: 70.00 psi  
 Pressure Available: 70.00 psi  
 DESIGN ANALYSIS  
 Maximum Station Flow: 120.00 gpm  
 Flow Available at POC: 298.00 gpm  
 Residual Flow Available: 178.00 gpm  
 Pressure Req. at Critical Station: 40.00 psi  
 Loss for Fittings: 1.44 psi  
 Loss for Main Line: 14.39 psi  
 Loss for POC to Valve Elevation: 0.00 psi  
 Loss for Backflow: 0.00 psi  
 Loss for Master Valve: 1.60 psi  
 Critical Station Pressure at POC: 57.43 psi  
 Pressure Available: 70.00 psi  
 Residual Pressure Available: 12.57 psi



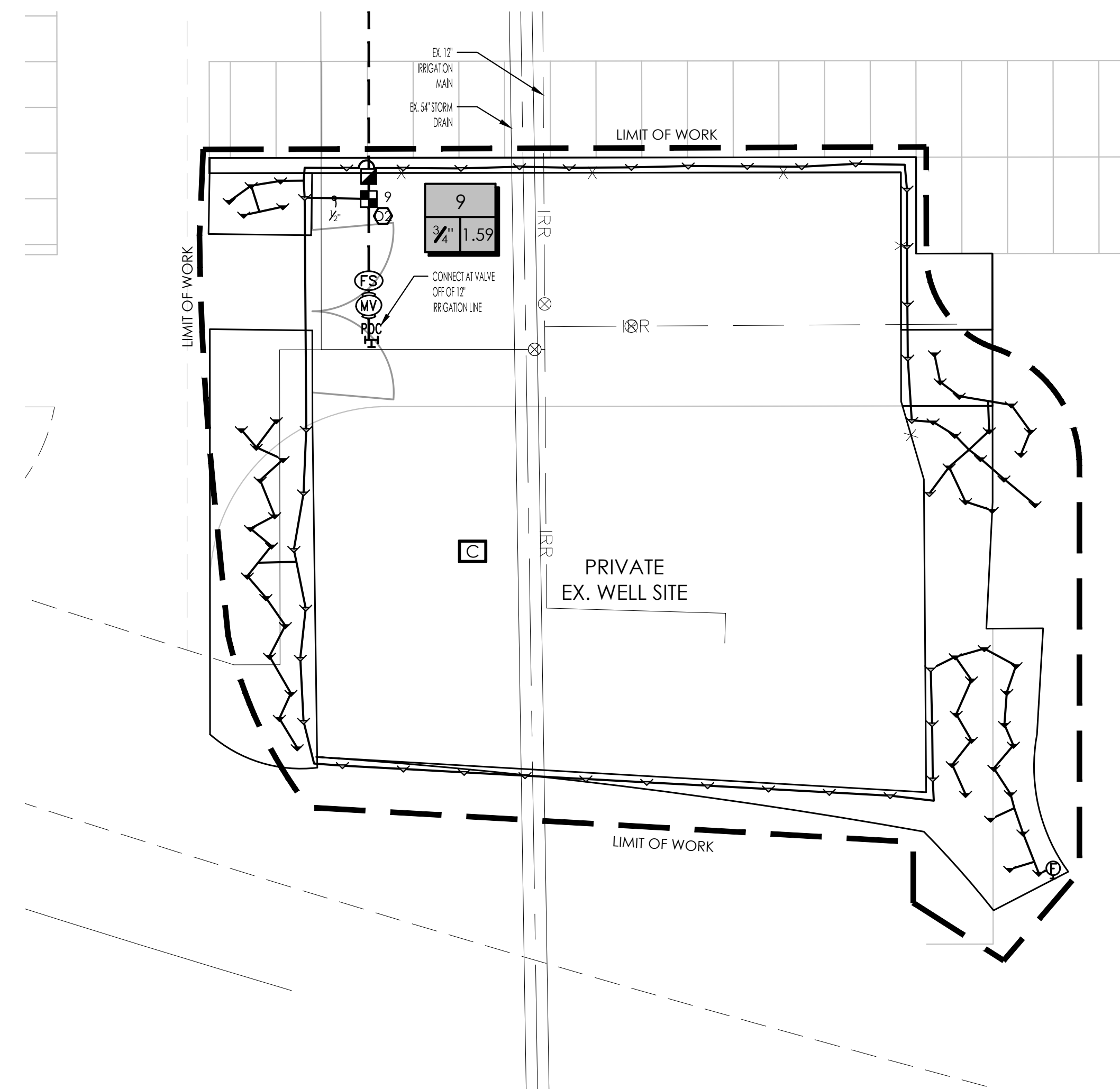
AREA - C: IRRIGATION PLAN

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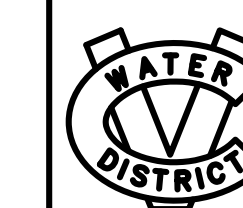


KEY MAP



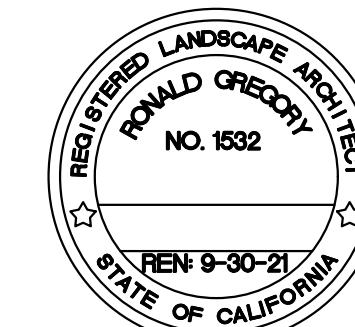
AREA - D: IRRIGATION PLAN

CVWD LANDSCAPE APPROVAL



Date: \_\_\_\_\_  
 CVWD Plan # \_\_\_\_\_

IRRIGATION PLAN

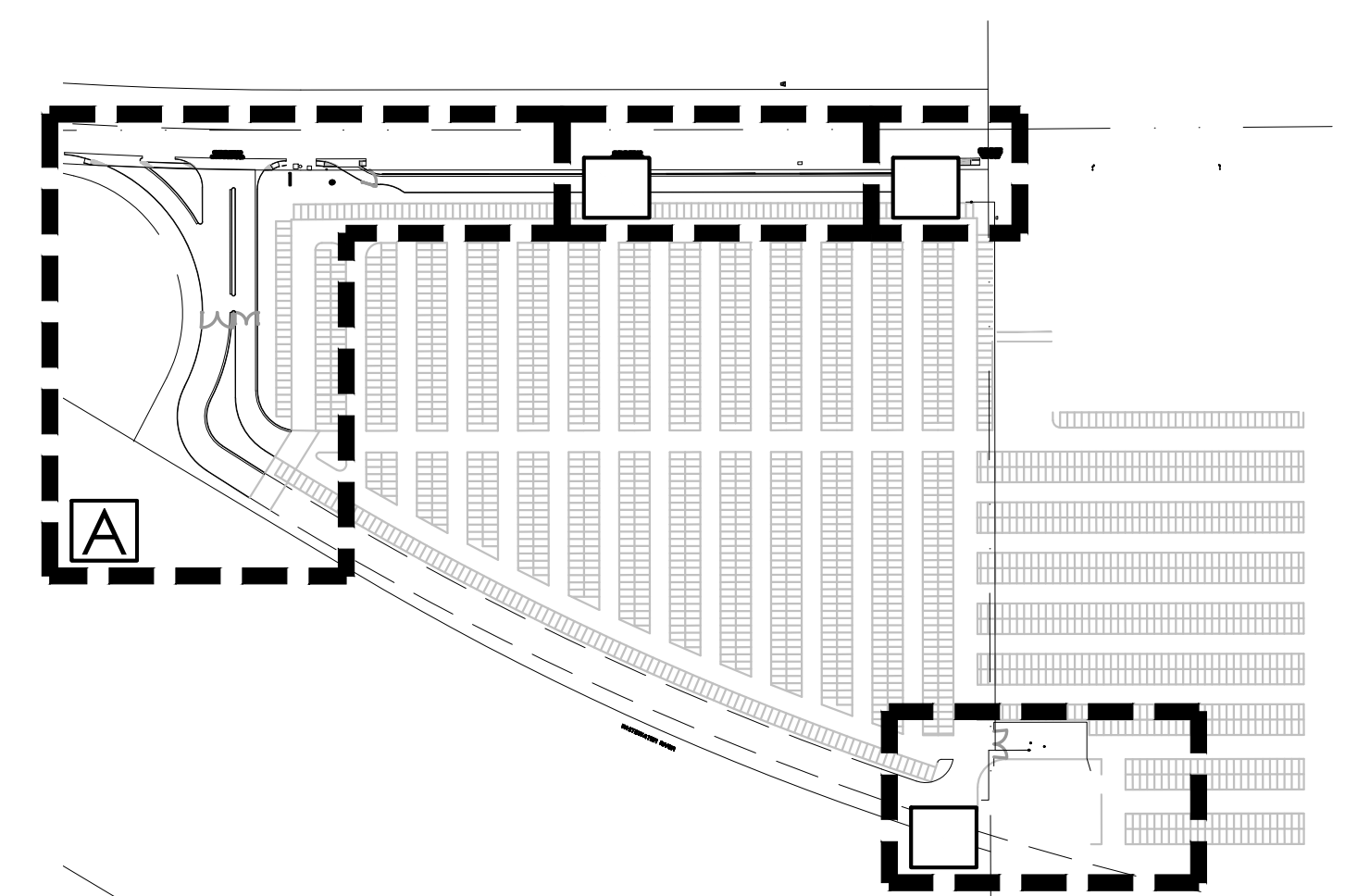
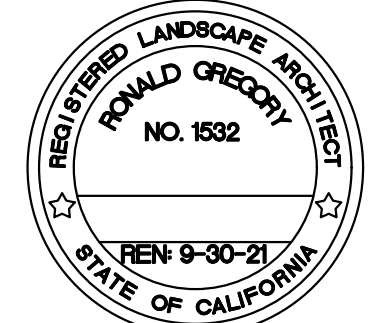


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**IRRIGATION PLAN**



**Water Use Calculations**  
 IWTG - SOUTHWEST PARKING LOT

Site Information	
Zone No	5
Total Tree and Shrub Square footage	49962
Total Lawn Square footage	0
Total Annual Color Square footage	0
Total Water feature Square footage	0
Special Ldscp Area Square footage	0

Number of plants by water use	% of Total Landscape	Square Footage
Very Low	0	0.00
Low	788	33620.88
Mod	383	16341.12
High	0	0.00
<b>Total</b>	<b>1171</b>	<b>0.00</b>

**Maximum Applied Water Allowance**

Zone No	Eto	Water Adj. Factor	Total Sq. Ft.	Conversion Factors	MAWA	
Conventional Landscape	5	83.00	0.45	49962	0.62 748	1546.75
Special Ldscp Area	5	83.00	1	0	0.62 748	0.00
<b>TOTAL MAWA</b>					<b>1546.75</b>	

**Estimated Water Use**

Plant/Irrigation System Type:		Zone	Irr. Eff.	Area	Seasonal Plant Factor:
Drip / Bubbler / Micro Spray		5	0.9	33620.88	2 Low
Season	Zonal Eto Value	Plant Factor	Area sq. ft.	Conversion Factors	Estimated Water Use
Spring	18.33	0.20	33620.88	0.62 748	0.9 113.51
Summer	50.84	0.20	33620.88	0.62 748	0.9 314.84
Fall -Winter	14.16	0.20	33620.88	0.62 748	0.9 87.69
<b>TOTAL</b>					<b>516.05</b>

Plant/Irrigation System Type:		Zone	Irr. Eff.	Area	Seasonal Plant Factor:
Drip / Bubbler / Micro Spray		5	0.9	16341.12	3 Mod
Season	Zonal Eto Value	Plant Factor	Area sq. ft.	Conversion Factors	Estimated Water Use
Spring	18.33	0.50	16341.12	0.62 748	0.9 137.93
Summer	50.84	0.50	16341.12	0.62 748	0.9 382.56
Fall -Winter	14.16	0.50	16341.12	0.62 748	0.9 106.55
<b>TOTAL</b>					<b>627.05</b>

**Estimated Total Water Use 1143.09**

**Water Efficient Landscape Worksheet**  
 IWTG - SOUTHWEST PARKING LOT

APPLICANT INFORMATION			
Name of Project Applicant:	Erin Bohlin	Telephone No:	760-320-9811
		Fax No:	
Title:	Designer	Email Address:	
Company:	RGA /MSA	Street Address:	34200 Bob Hope Drive
City:	Rancho Mirage	State:	CA
		Zip Code:	92270

SECTION A. HYDROZONE INFORMATION TABLE					
Irrigation Point of Connection (P.O.C.) No.					
Controller No.	Valve Circuit No.	Plant Type(s)	Irrigation Method	Area (Sq. Ft.)	% of Landscape Area
C	1	LW / MW	B	300	0.60%
C	2	LW / MW	B	900	1.80%
C	3	LW / MW	B	800	1.60%
C	4	LW / MW	B	700	1.40%
C	5	LW / MW	B	300	0.60%
C	6	LW / MW	B	900	1.80%
C	7	LW / MW	B	800	1.60%
C	8	LW / MW	B	500	1.00%
C	9	LW / MW	D	4807	9.62%
C	10	LW / MW	D	4561	9.13%
C	11	LW / MW	D	3823	7.65%
C	12	LW / MW	D	3822	7.65%
C	13	LW / MW	D	7201	14.41%
C	14	LW / MW	D	5177	10.36%
C	15	LW / MW	D	6687	13.38%
C	16	LW / MW	D	5653	11.31%
C	17	LW / MW	D	3031	6.07%
<b>Total:</b>				<b>49962</b>	<b>100.00%</b>

**GENERAL INSTALLATION NOTES**

- IRRIGATION PLAN IS DIAGRAMMATIC. FINAL LOCATION OF PIPING WILL BE DETERMINED AT TIME OF INSTALLATION. MAINLINE AND LATERALS SHALL BE PLACED IN SAME TRENCH WHEN POSSIBLE. EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTED AREAS.
- INSTALL ALL EQUIPMENT AS SHOWN IN DETAILS. ALL EQUIPMENT REQUIRED BUT NOT SPECIFIED ON THE DRAWING SHALL BE PROVIDED BY THE IRRIGATION CONTRACTOR.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.
- BACKFLOW PROTECTION UNIT(S) SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES.
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER WORKMANSHIP DURING INSTALLATION.
- ALL MAINLINE PIPING SHALL HAVE A MINIMUM OF 18" COVER (24" UNDER ROADS AND STREETS, AND 24" IF RUBBER RING SEALED PIPE). ALL LATERAL PIPING SHALL BE TRENCHED A MINIMUM OF 12" DEEP. ALL CONTROL WIRE GOING UNDER DRIVEWAYS AND STEETS SHALL BE SLEEVED IN A PVC PIPE. LATERAL PIPING GOING UNDER DRIVEWAYS AND STREETS SHALL BE SCHEDULE 40 PVC.
- ALL VALVE CONTROL WIRE SHALL BE INSTALLED IN SAME TRENCH WITH MAINLINE WHEREVER POSSIBLE AND SHALL BE SOLID COPPER, AWG #14, TYPE UF, DIRECT BURIAL WIRE, USING SNAPITITE OR SCOTCH-LOC WIRE CONNECTORS.
- ALL TRENCH BACKFILL SOIL SHALL BE CLEAN, FREE OF ROCKS, TRASH, GLASS, SOLVENT AND CEMENT CONTAINERS AND RAGS. CONTRACTOR SHALL COMPACT ALL TRENCHES TO A DENSITY EQUAL TO THE UNDISTURBED SOIL AND SHALL BE RESPONSIBLE FOR BRINGING ANY SETTLED TRENCHES BACK TO FINISH GRADE.
- CONTRACTOR SHALL FLUSH ALL PIPE LINES PRIOR TO INSTALLING SPRINKLER HEADS.
- CONTRACTOR SHALL INSTALL VALVE BOXES AT GRADE OVER ALL ELECTRIC VALVES AND INSTALL ANTI-DRAIN VALVES AS NECESSARY TO PREVENT LOW HEAD DRAINAGE EROSION OR DAMAGE.
- CONTRACTOR SHALL ADJUST ALL SPRINKLERS AND VALVES FOR PROPER OPERATION AND COVERAGE. SPRINKLERS ALONG STREET CURBING AND DRIVEWAYS SHALL BE SET BACK 24 INCHES PER CVWD. ALL SPRINKLERS SHALL BE ADJUSTED SO THAT NO WATER IS THROWN ONTO STRUCTURES MASONRY WALLS. NO OVERTHROW IS PERMITTED ONTO HARDSCAPE.
- 120 VOLT POWER FOR CONTROLLER(S) IS TO BE PROVIDED BY OTHERS ON A SEPARATE CIRCUIT BREAKER. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING CONNECTIONS TO CONTROLLER. CONTROLLER FINAL LOCATION SHALL BE DETERMINED BY OWNER'S AUTHORIZED REPRESENTATIVE.
- MSA CONSULTING, INC. SHALL APPROVE ALL INFIELD DESIGN CHANGES DUE TO SITE PLAN AND LANDSCAPE PLAN CHANGES TO GUARANTEE 100% SPRINKLER COVERAGE OR THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY.
- MSA CONSULTING, INC. SHALL NOT BE RESPONSIBLE FOR IMPROPER OPERATION OF SYSTEM DUE TO CONTRACTOR NOT FOLLOWING PLAN PIPE SIZING OR INADEQUATE STATIC PRESSURE OR INFIELD DESIGN CHANGES WITHOUT APPROVAL.
- MSA CONSULTING, INC. IS NOT RESPONSIBLE FOR ERRORS IN INSTALLATION IF THEY HAVE NOT BEEN RETAINED FOR INSTALLATION OBSERVATION.
- LANDSCAPE CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR DETAILS, STANDARDS OF MATERIALS AND WORKMANSHIP.

**SPECIAL NOTES**

- SHRUB SPRAY HEADS ON A RISER WILL NOT BE PERMITTED. AN APPROPRIATE HEIGHT POP-UP SPRINKLER SHALL BE INSTALLED NO LESS THAN 24 INCHES ADJACENT TO ALL WALKS, DRIVES, PATIO AREAS AND ALL AREAS PEDESTRIAN TRAFFIC. FINAL INSTALLATION IN LAWN SHALL BE FLUSH AND IN SHRUB BEDS ONE INCH ABOVE GRADE.
- CONTRACTOR SHALL PROVIDE TWO BUBBLERS AT THE EDGE OF THE ROOT BALL FOR EACH FIELD GROWN OR 24" AND LARGER BOXED TREE OR OTHER TREE AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.
- POP-UP SPRAY SPECIFICATIONS  
 STANDARD TURF: TWO OR THREE INCH POP-UP BODY. GROUND COVER & LOW-GROWING TYPES: THREE OR FOUR INCH POP-UP BODY. TALLER TYPES: FOUR OR SIX INCH POP-UP.

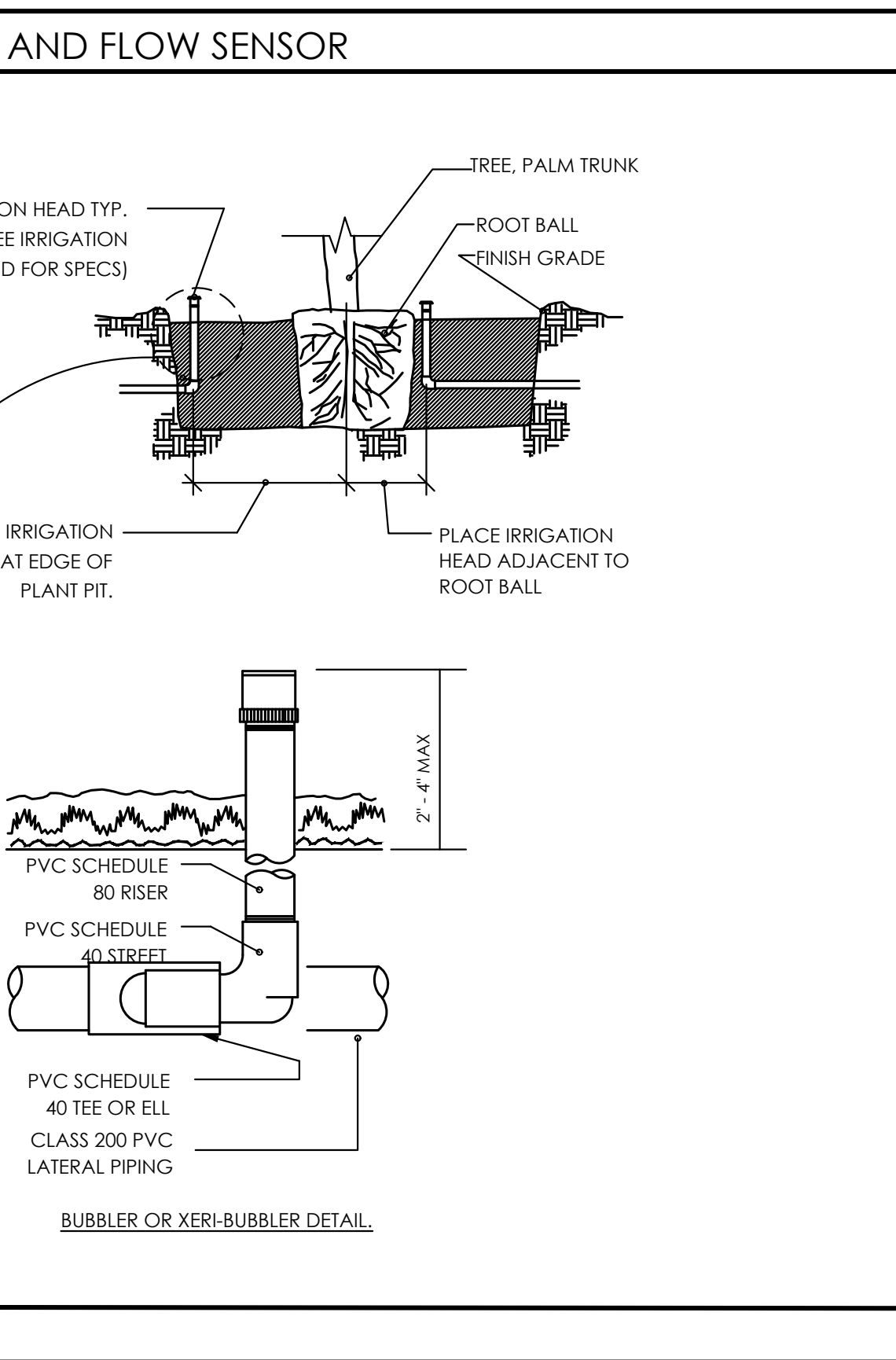
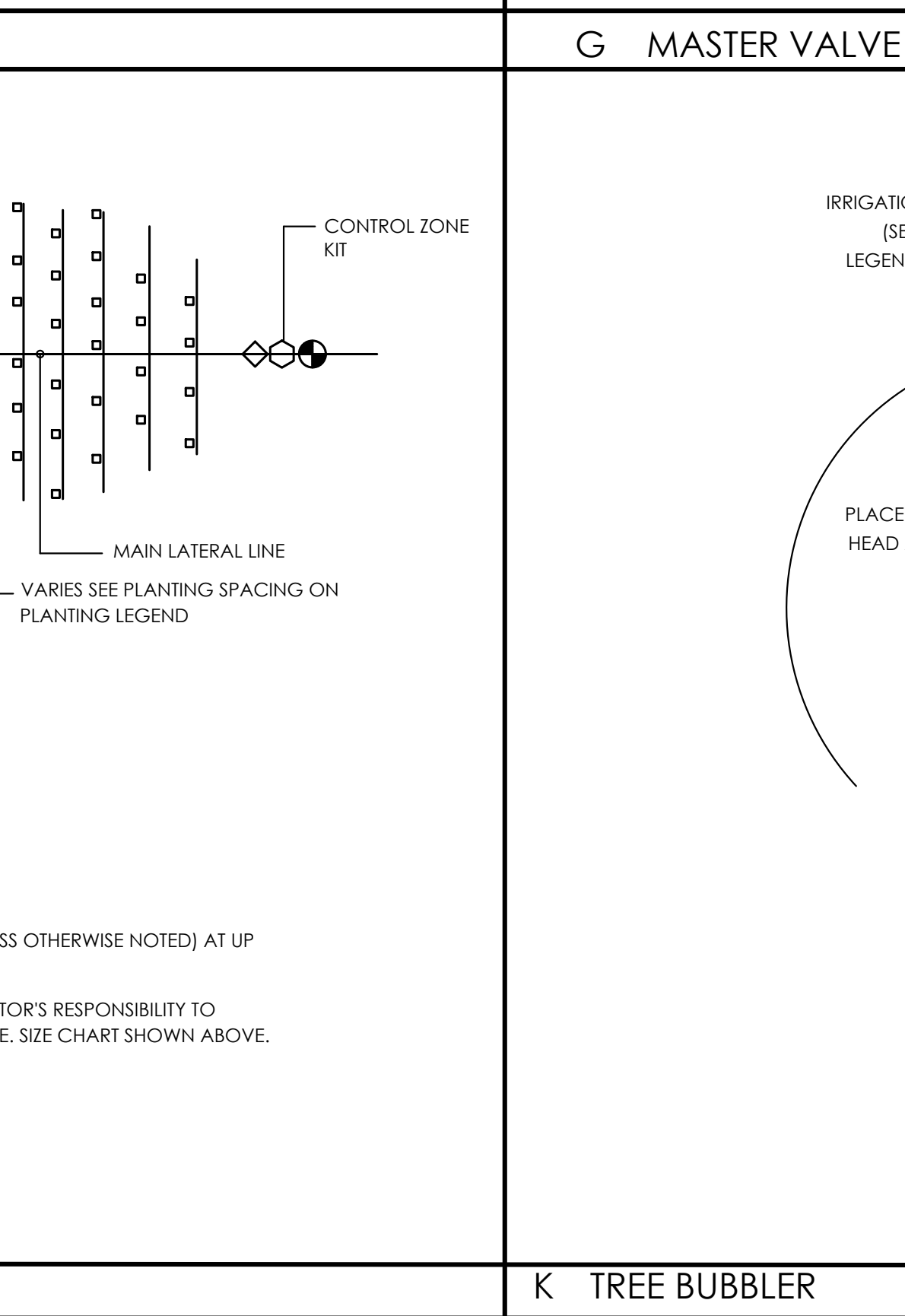
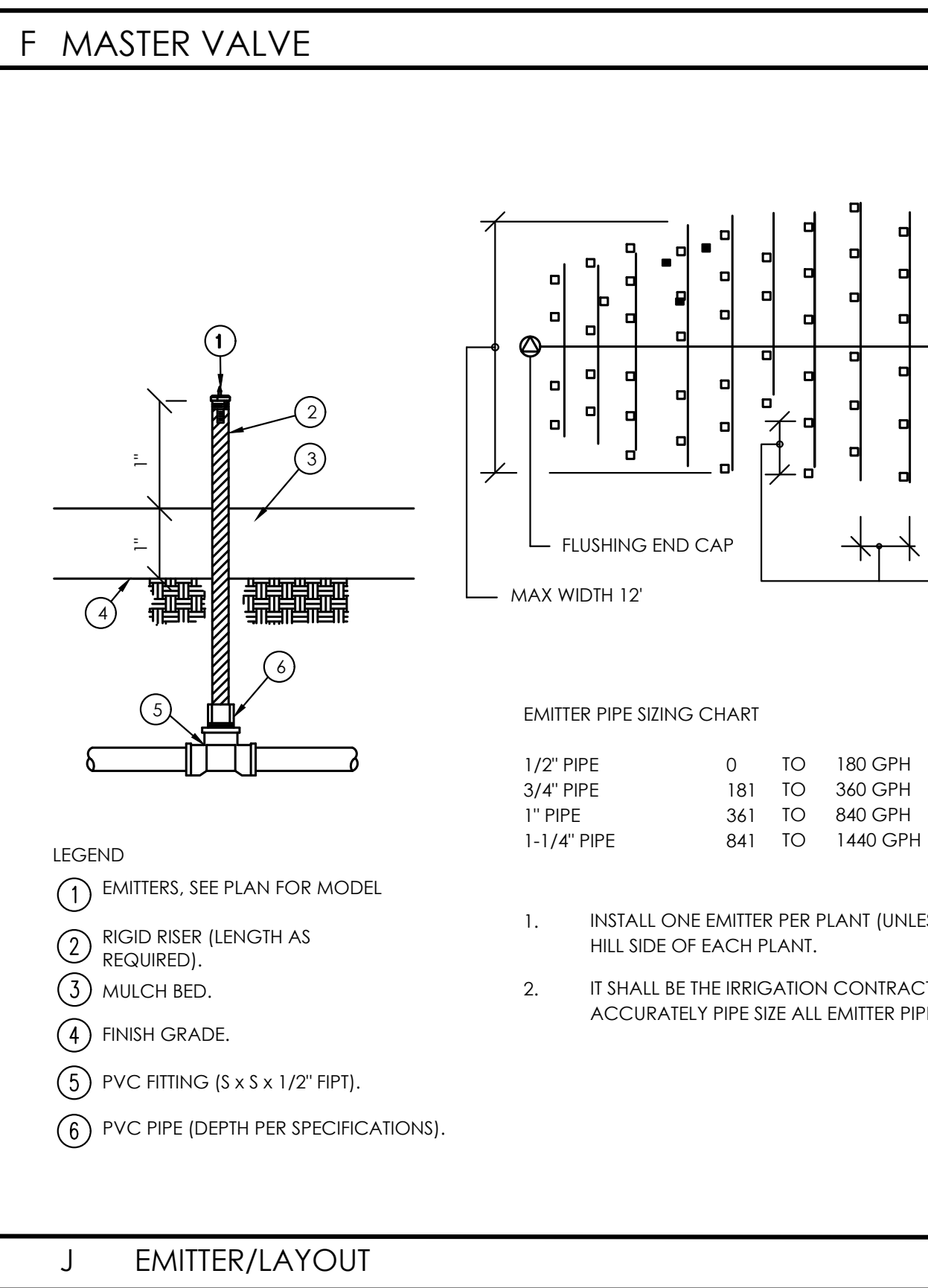
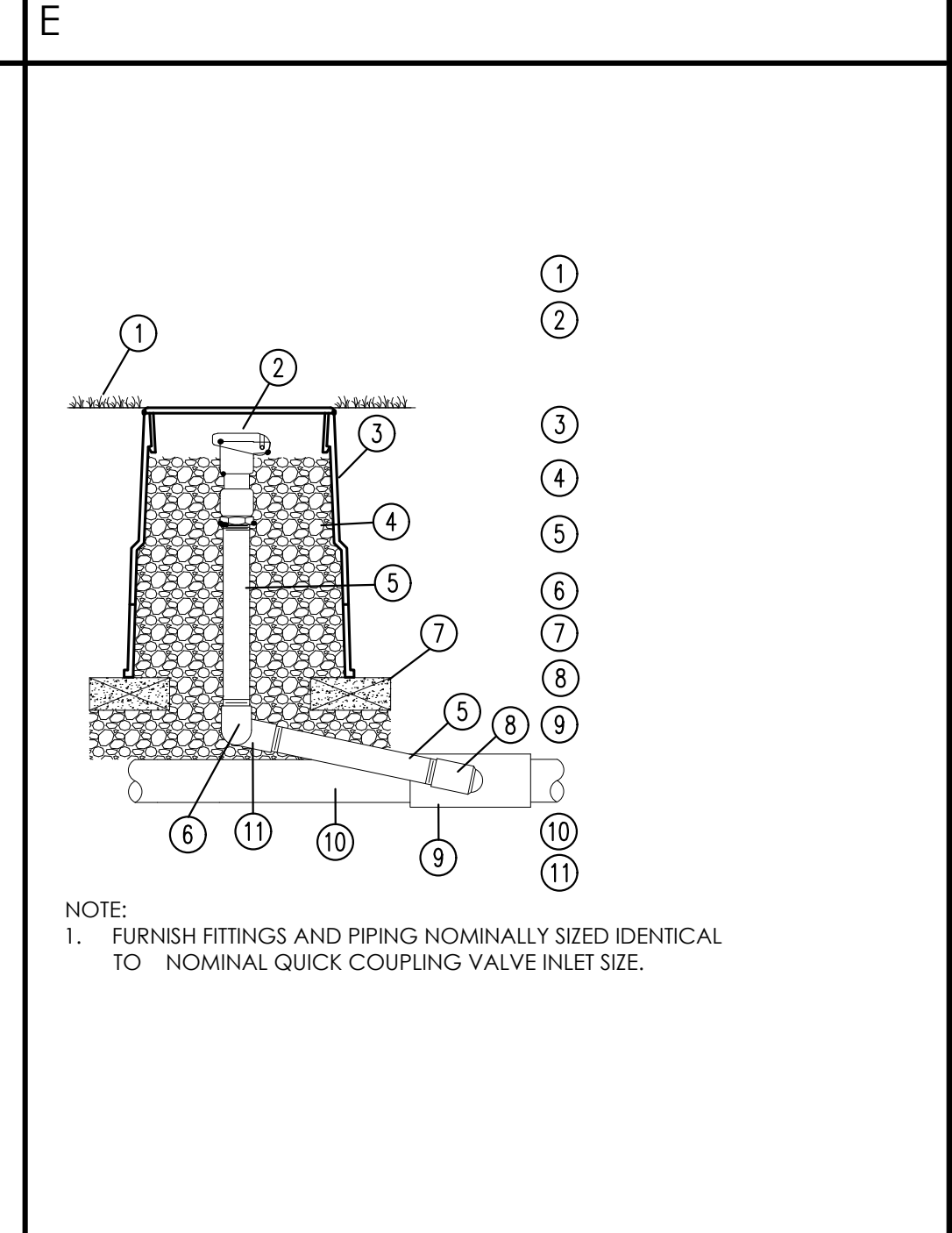
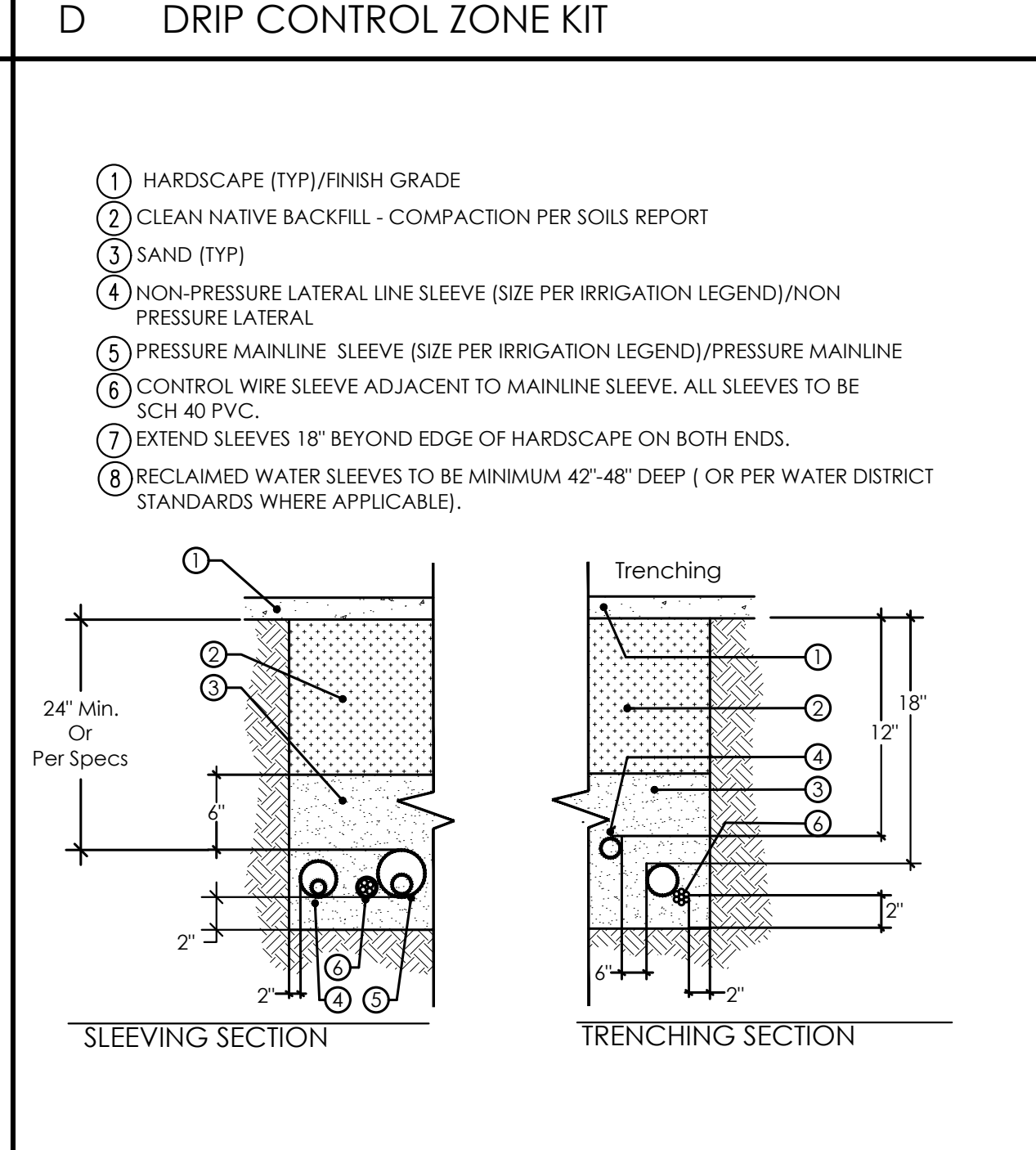
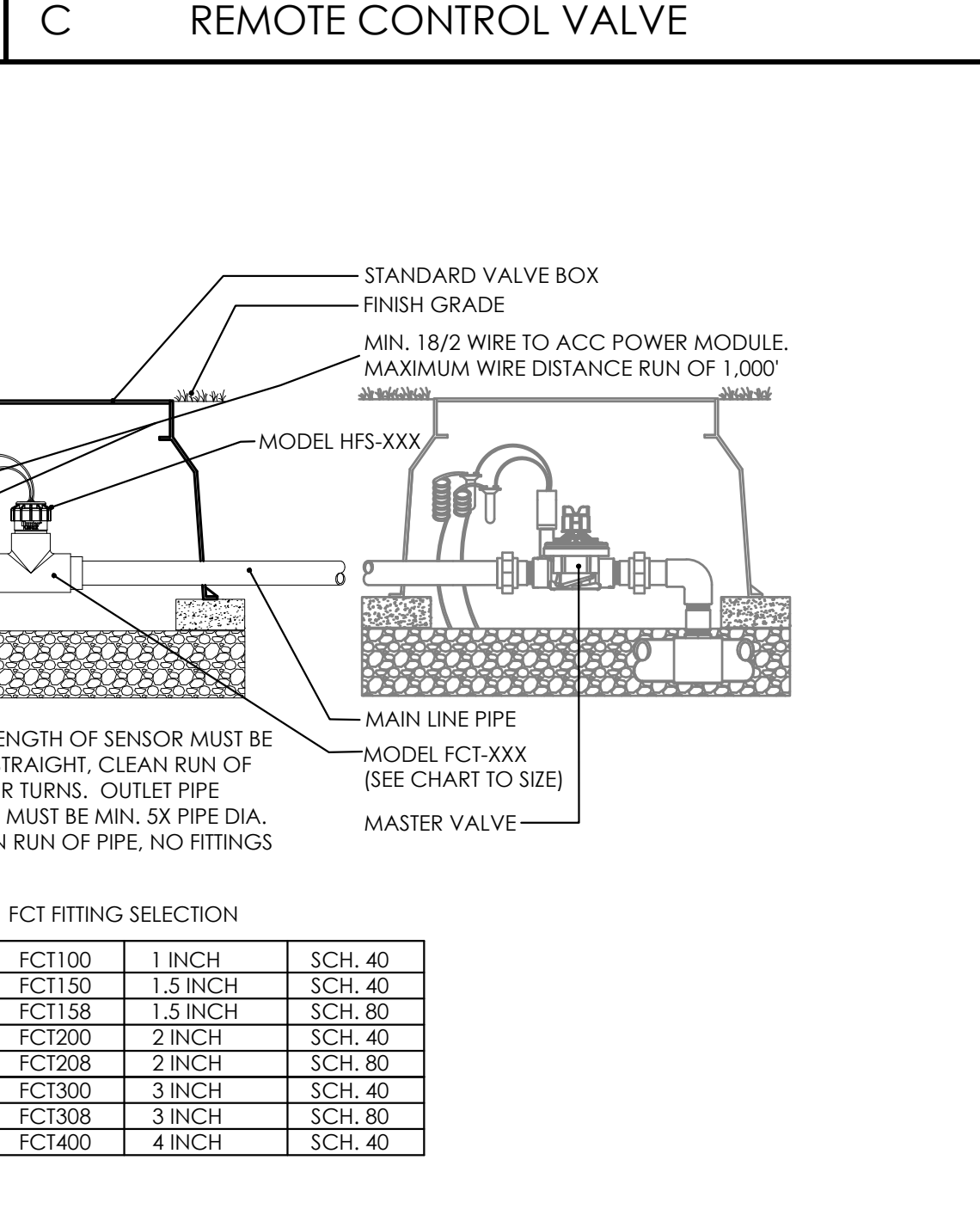
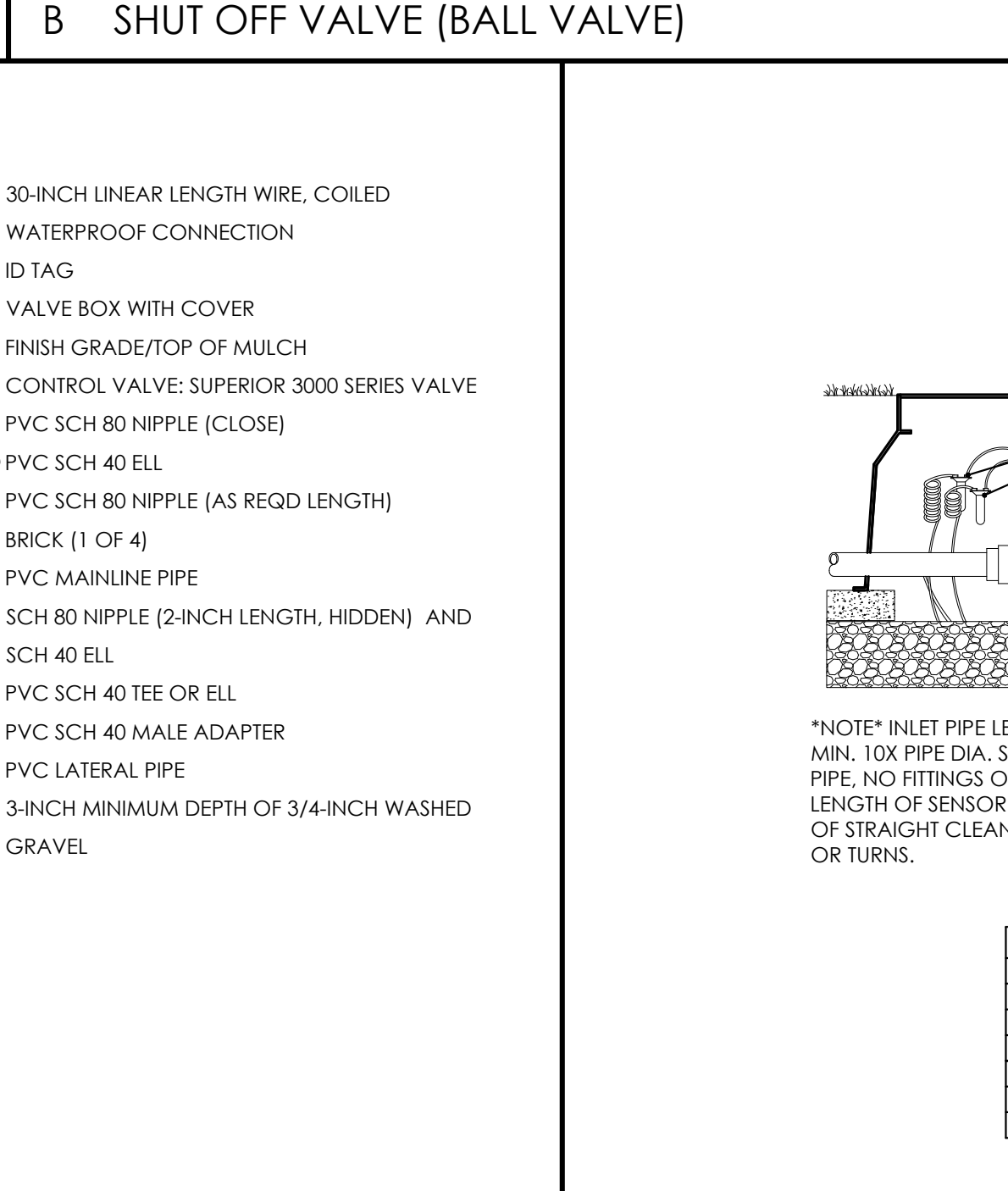
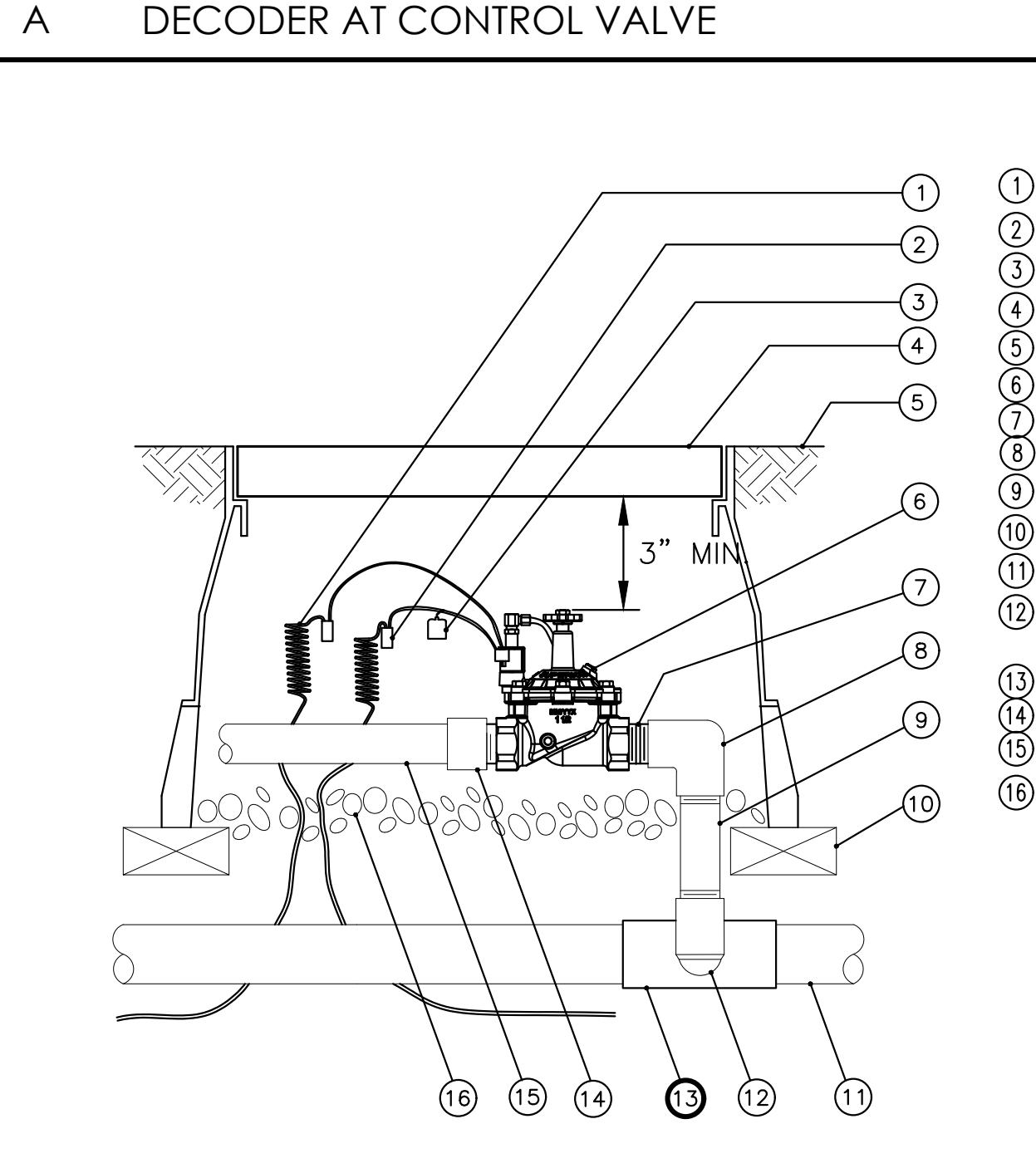
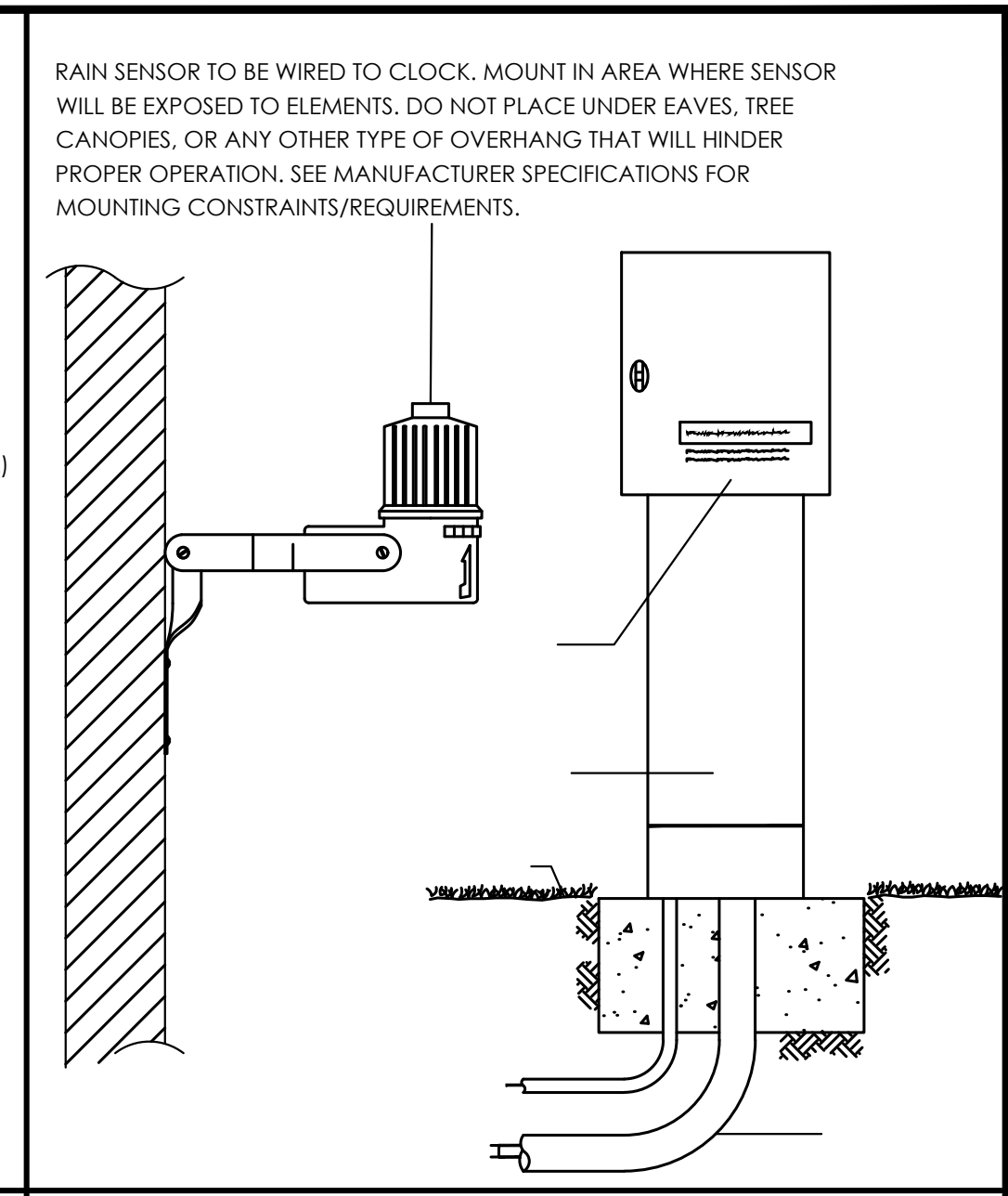
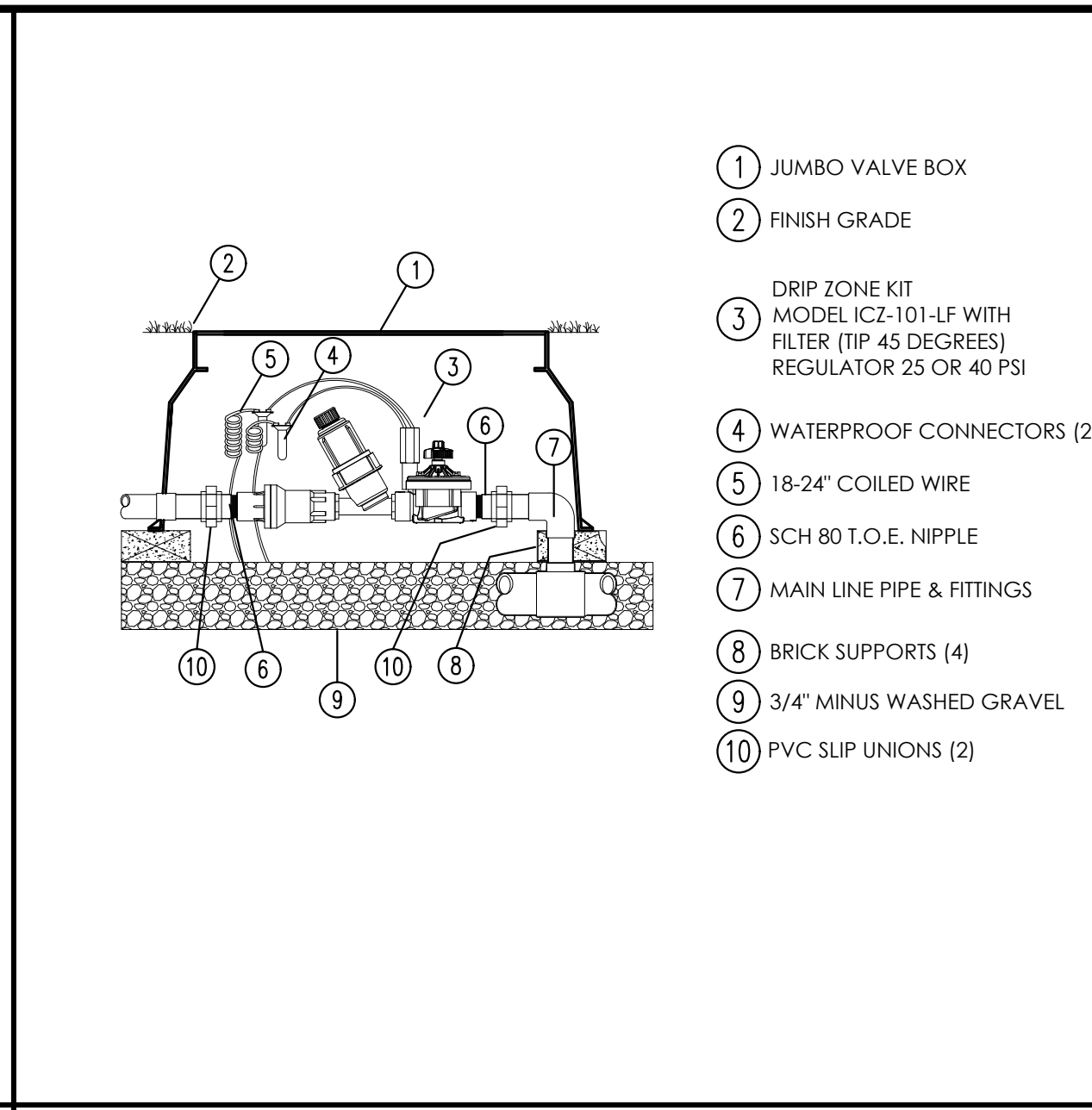
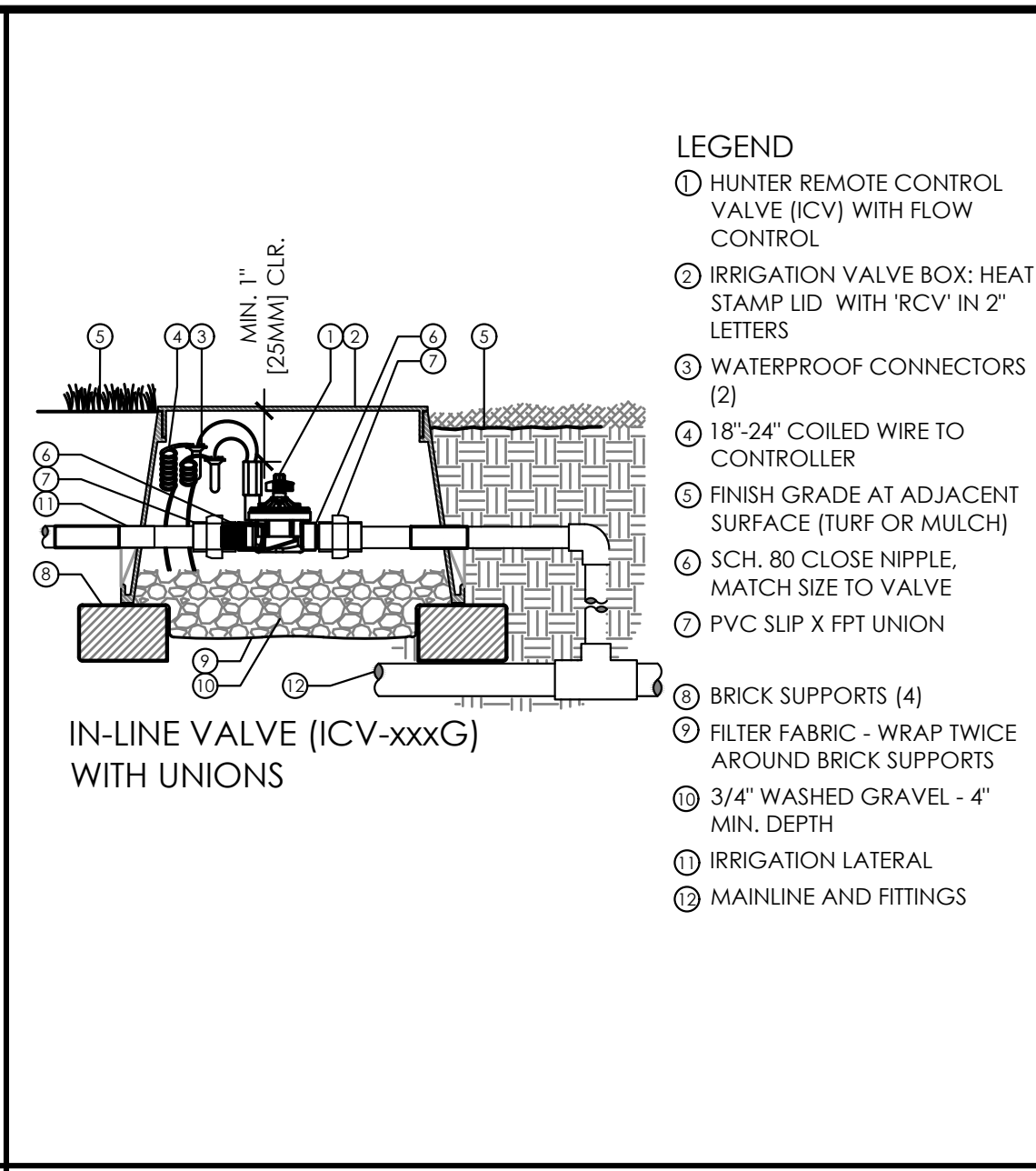
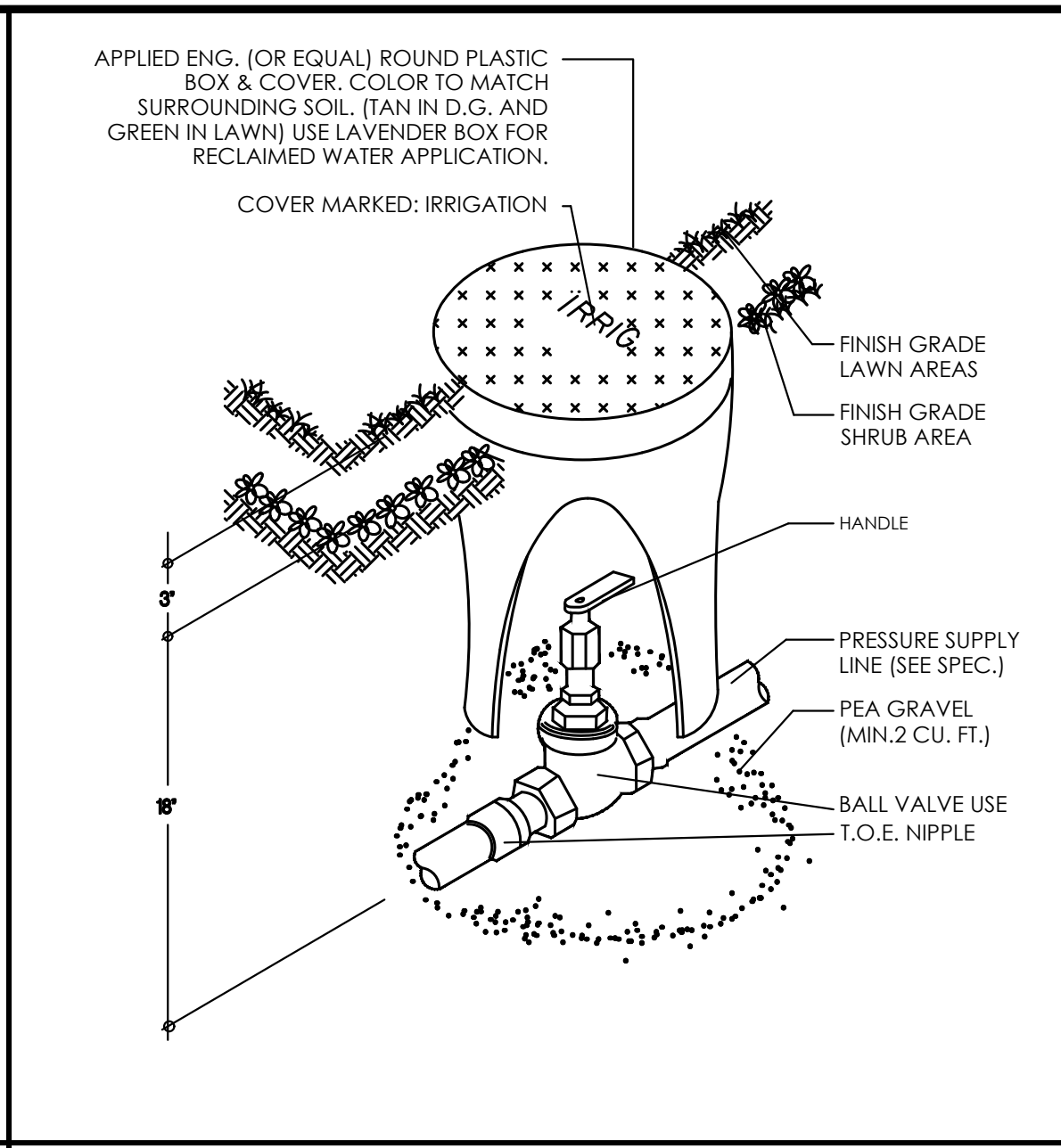
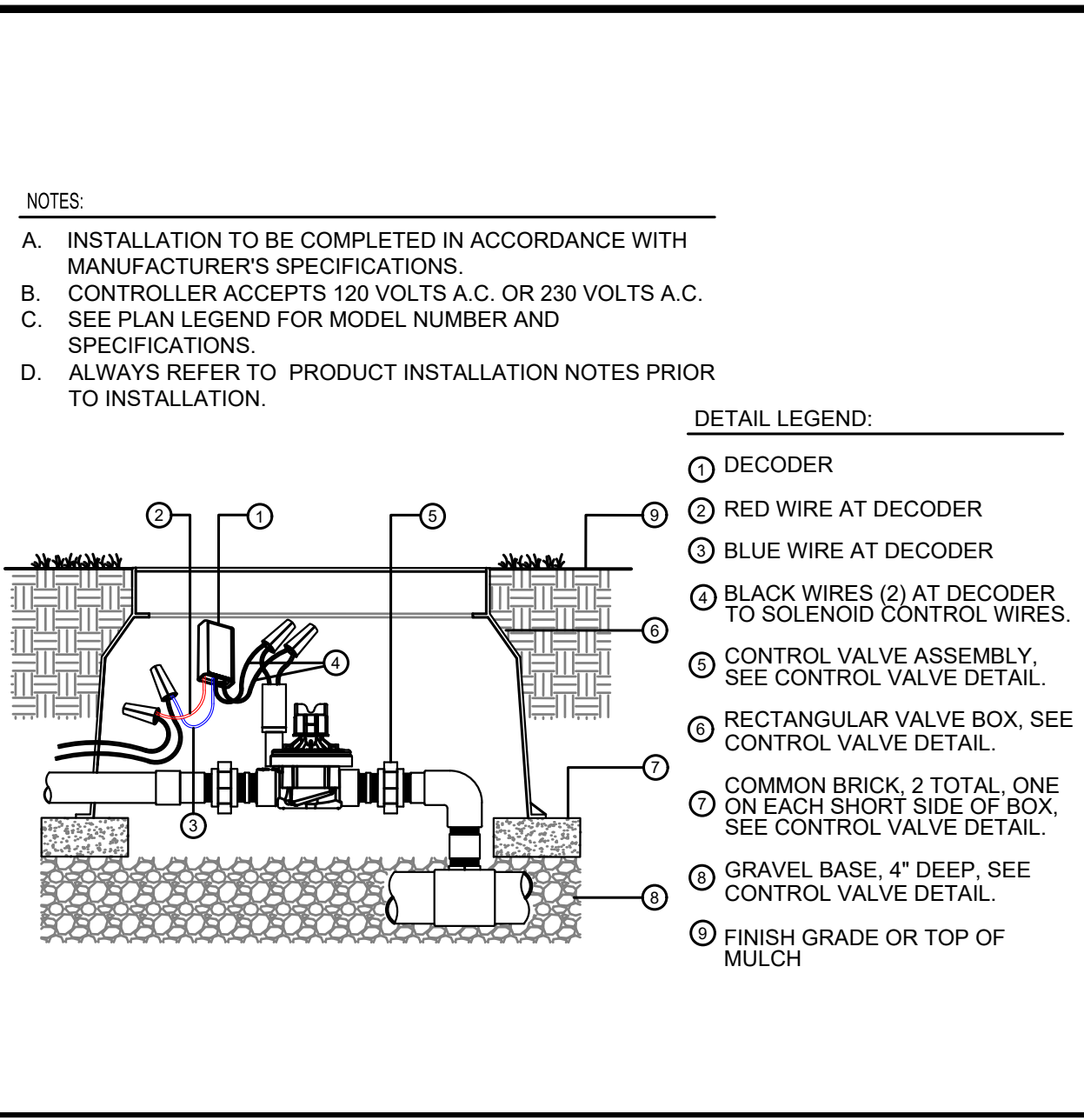
**CVWD LANDSCAPE APPROVAL**

Date _____	_____
CVWD Plan # _____	_____

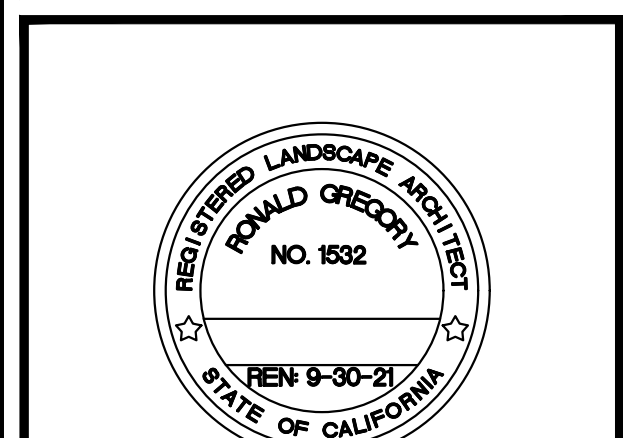
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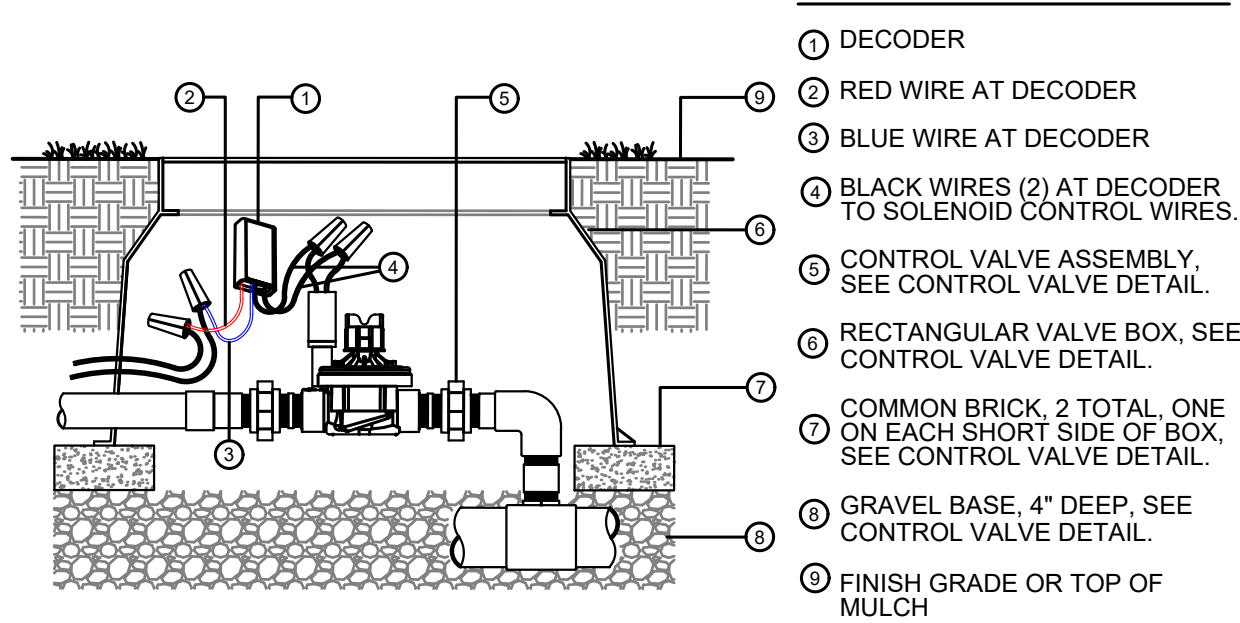
IRRIGATION DETAILS



NOTES:

- A. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- B. CONTROLLER ACCEPTS 120 VOLTS A.C. OR 230 VOLTS A.C.
- C. SEE PLAN LEGEND FOR MODEL NUMBER AND SPECIFICATIONS.
- D. ALWAYS REFER TO PRODUCT INSTALLATION NOTES PRIOR TO INSTALLATION.

DETAIL LEGEND:



- ① DECODER
- ② RED WIRE AT DECODER
- ③ BLUE WIRE AT DECODER
- ④ BLACK WIRES (2) AT DECODER TO SOLENOID CONTROL WIRES.
- ⑤ CONTROL VALVE ASSEMBLY. SEE CONTROL VALVE DETAIL.
- ⑥ RECTANGULAR VALVE BOX. SEE CONTROL VALVE DETAIL.
- ⑦ COMMON BRICK, 2 TOTAL, ONE ON EACH SHORT SIDE OF BOX. SEE CONTROL VALVE DETAIL.
- ⑧ GRAVEL BASE, 4" DEEP. SEE CONTROL VALVE DETAIL.
- ⑨ FINISH GRADE OR TOP OF MULCH

○ DECODER AT CONTROL VALVE

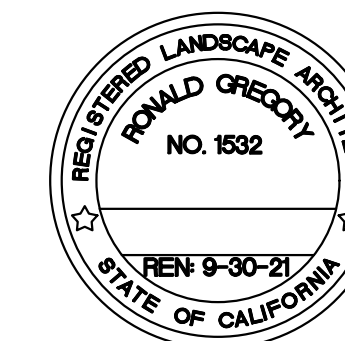
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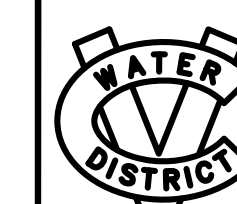
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IRRIGATION DETAILS



CVWD LANDSCAPE APPROVAL

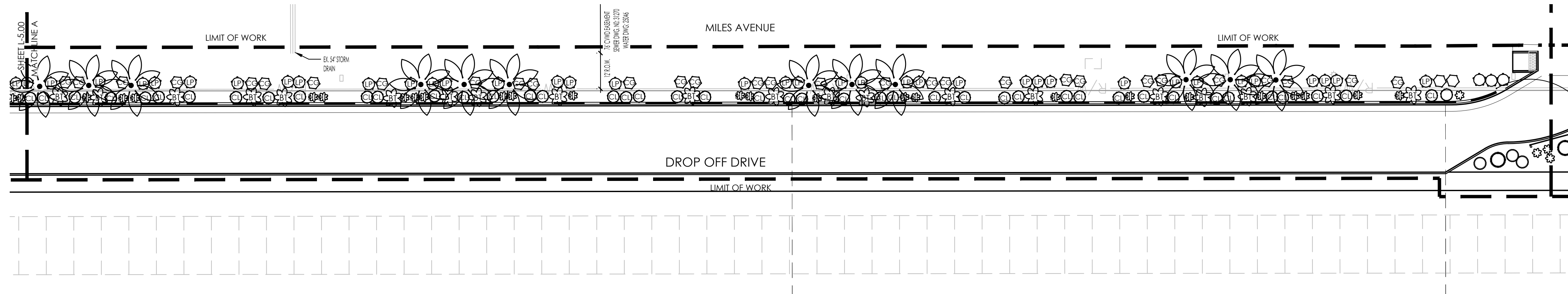


Date \_\_\_\_\_

CVWD Plan # \_\_\_\_\_

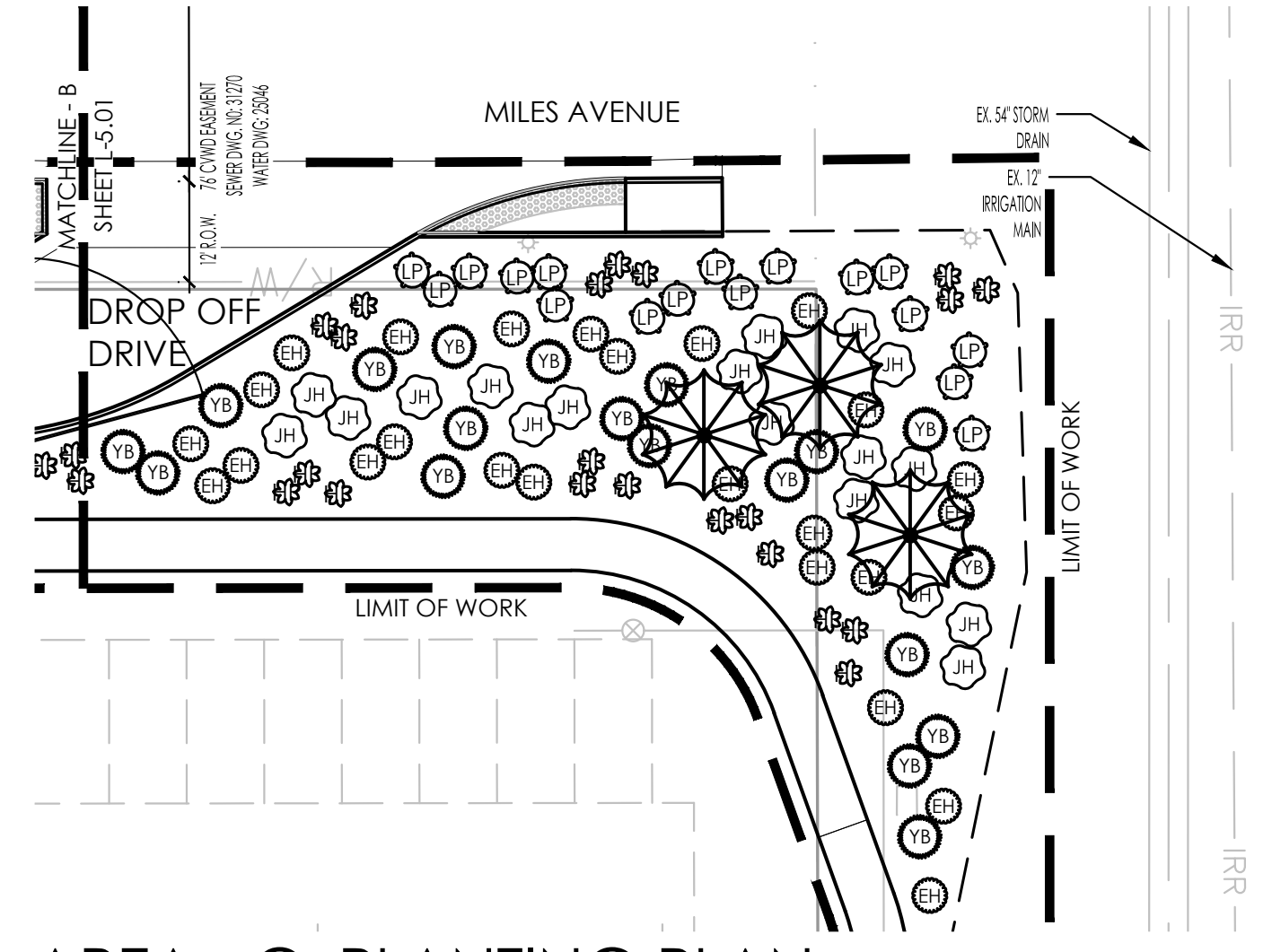




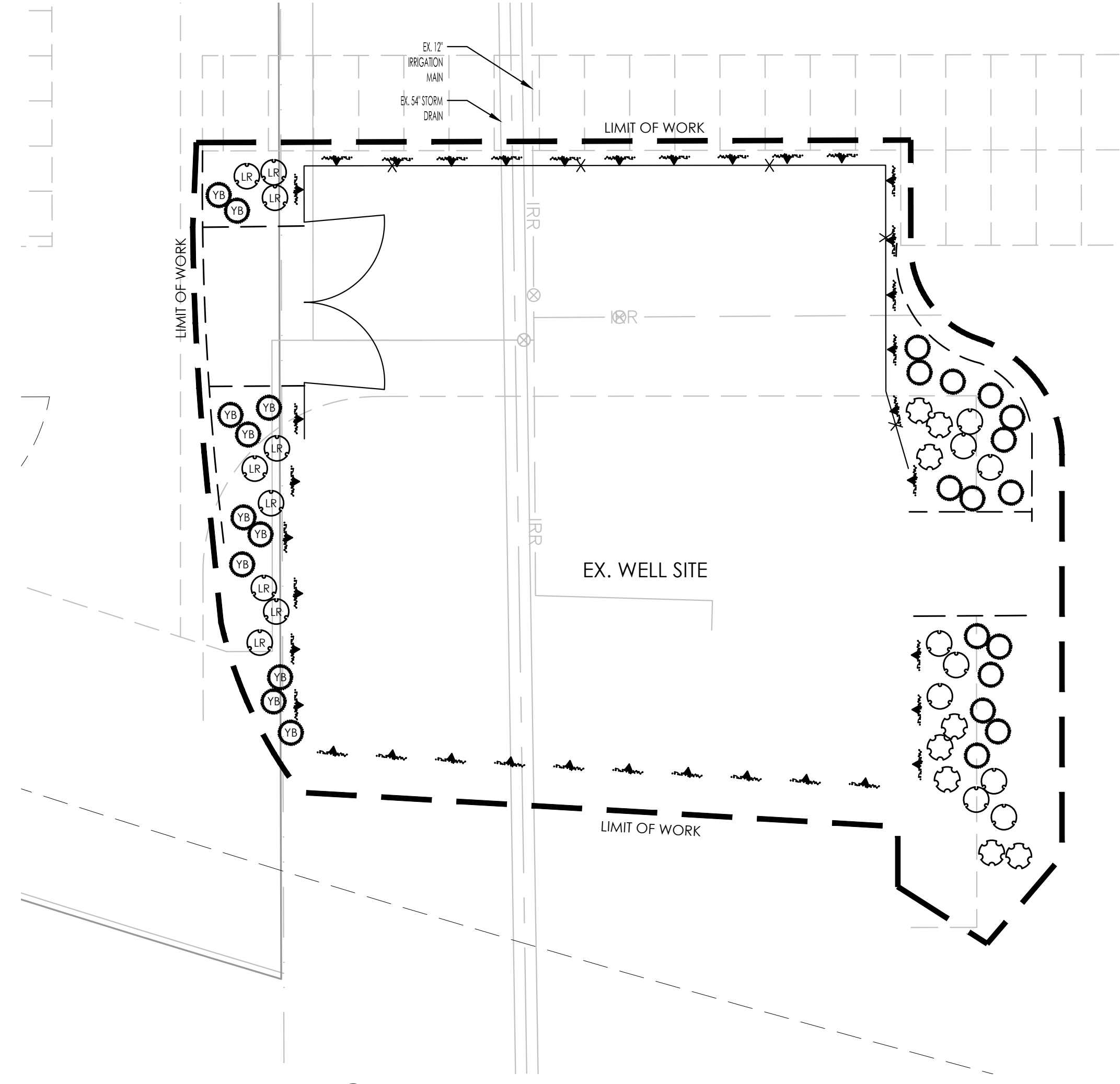


AREA - B: PLANTING PLAN

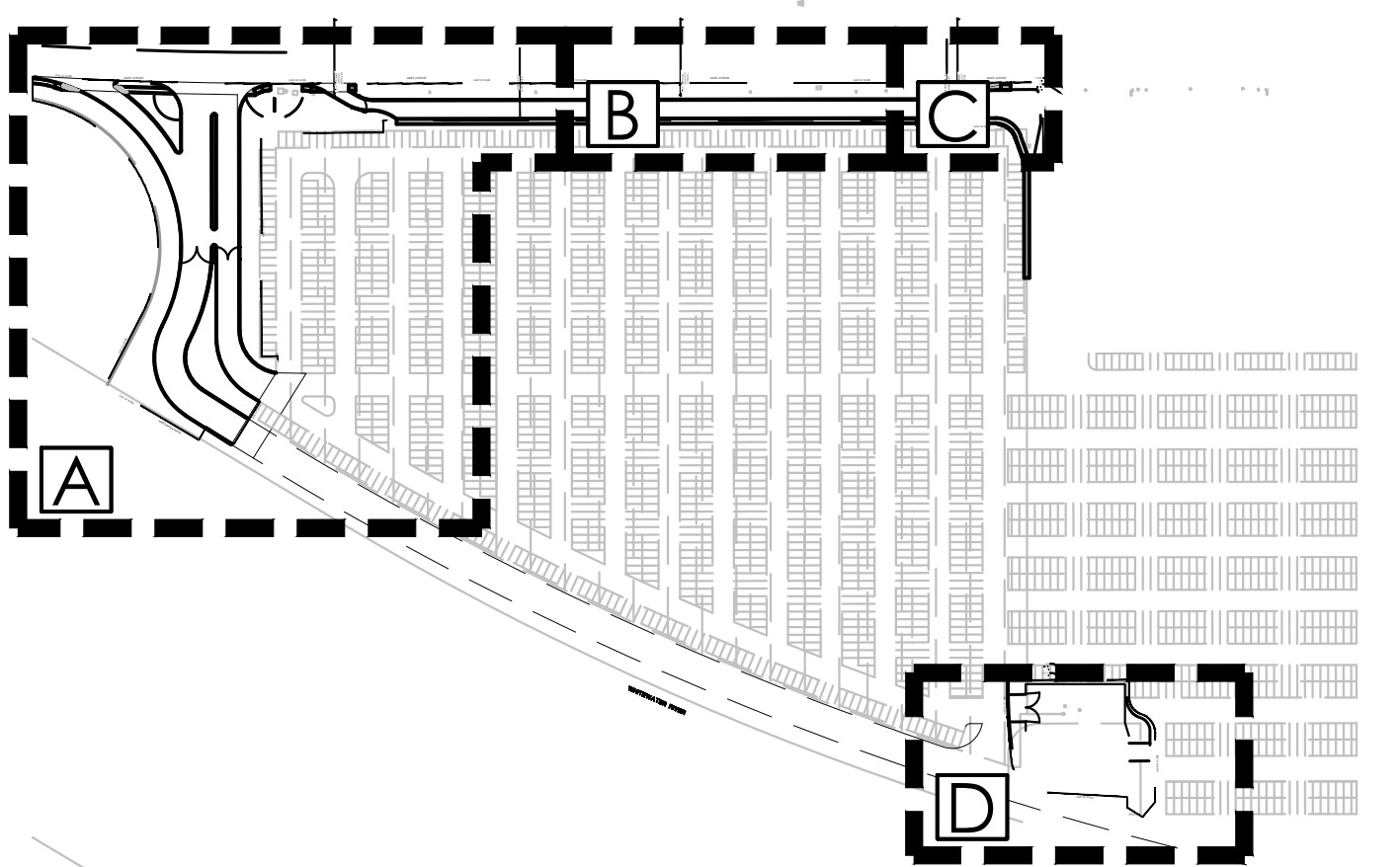
PLANT SCHEDULE				
TREES	BOTANICAL / COMMON NAME	WU	SIZE	QTY
	Acacia aneura / Mulga	L.2	24" BOX	10
	Oleña tesota / Desert Ironwood	L.2	36" BOX	6
PALMS	BOTANICAL / COMMON NAME	WU	SIZE	QTY
	Phoenix dactylifera "Medjool" / Date Palm	M.5	15 - 18 FT. BTH	30
	Washingtonia x filibusta / Hybrid Fan Palm	M.5	15 - 18 FT. BTH	6
SHRUBS	BOTANICAL / COMMON NAME	WU	SIZE	QTY
	Bougainvillea x "Torch Glow" / Torch Glow Bougainvillea	M.5	5 GAL	28
	Callistemon viminalis "Little John" / Little John Weeping Bottlebrush	M.5	5 GAL	63
	Carissa macrocarpa "Green Carpet" / Green Carpet Natal Plum	M.5	5 GAL	44
	Chrysanthemum mexicana / Damianita	L.2	1 GAL	155
	Eremophila hygrophana "Blue Bells" / Blue Bells Emu Bush	L.2	5 GAL	98
	Gossypium harknessii / San Marcos Hibiscus	L.2	5 GAL	61
	Hesperaloe parviflora "Desert Flamenco" TM / Desert Flamenco Red Yucca	L.2	5 GAL	127
	Juniperus horizontalis "Blue Chip" / Blue Chip Juniper	L.2	5 GAL	48
	Lantana camara "Dallas Red" / Dallas Red Lantana	M.5	5 GAL	41
	Lantana montevidensis / Trailing Lantana	M.5	1 GAL	135
	Leucophyllum langmaniae "Rio Bravo" TM / Rio Bravo Langman's Sage	L.2	5 GAL	102
	Simmondsia chinensis "Vista" / Jajoba	L.2	5 GAL	75
	Yucca baccata / Banana Yucca	L.2	5 GAL	106
VINES	BOTANICAL / COMMON NAME	WU	SIZE	QTY
	Bougainvillea x "Barbara Karst" / Barbara Karst Bougainvillea	M.5	15 GAL	36



AREA - C: PLANTING PLAN



AREA - D: PLANTING PLAN



KEY MAP

PLANTING PLAN




CVWD LANDSCAPE APPROVAL

Date \_\_\_\_\_

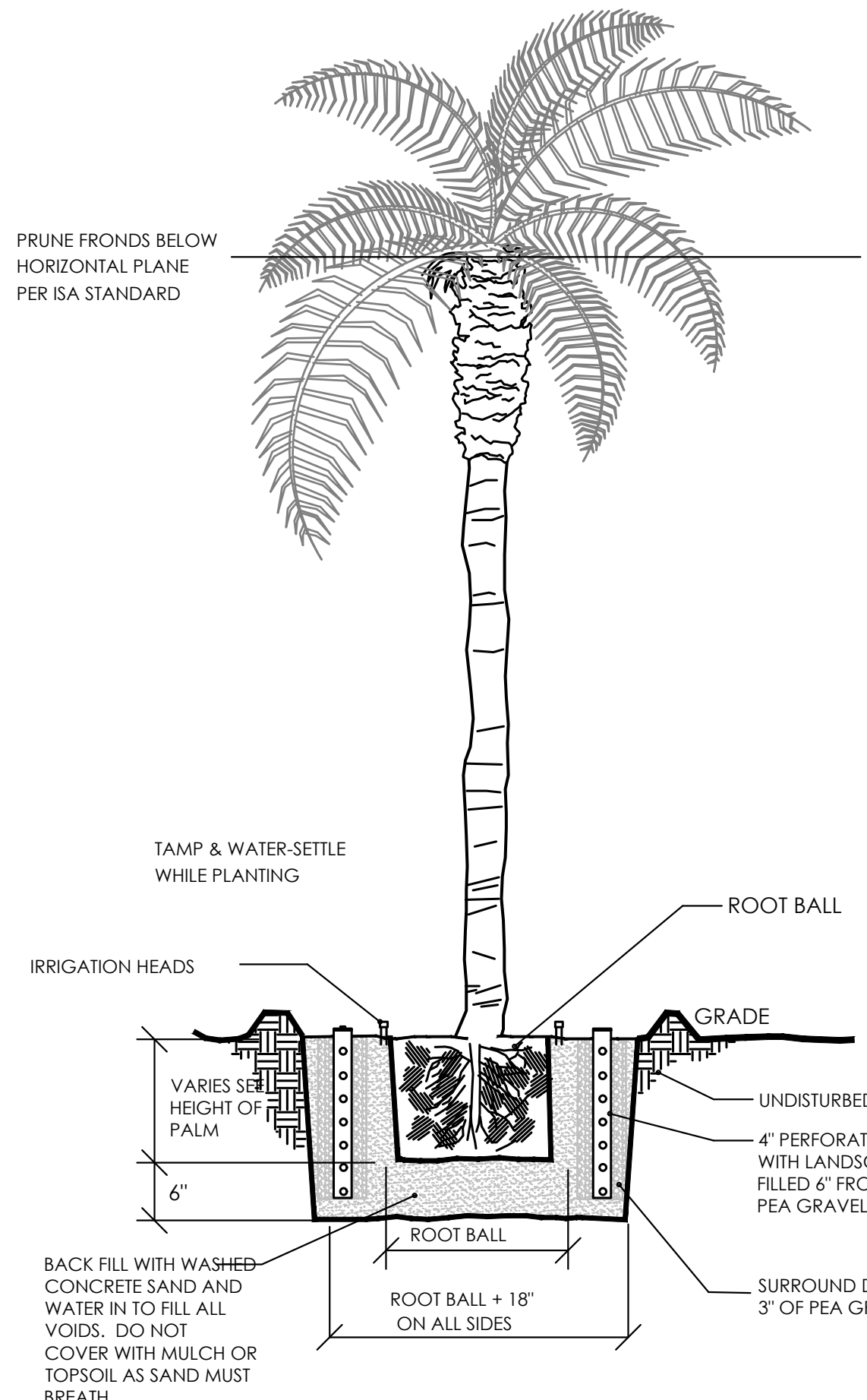
CVWD Plan # \_\_\_\_\_

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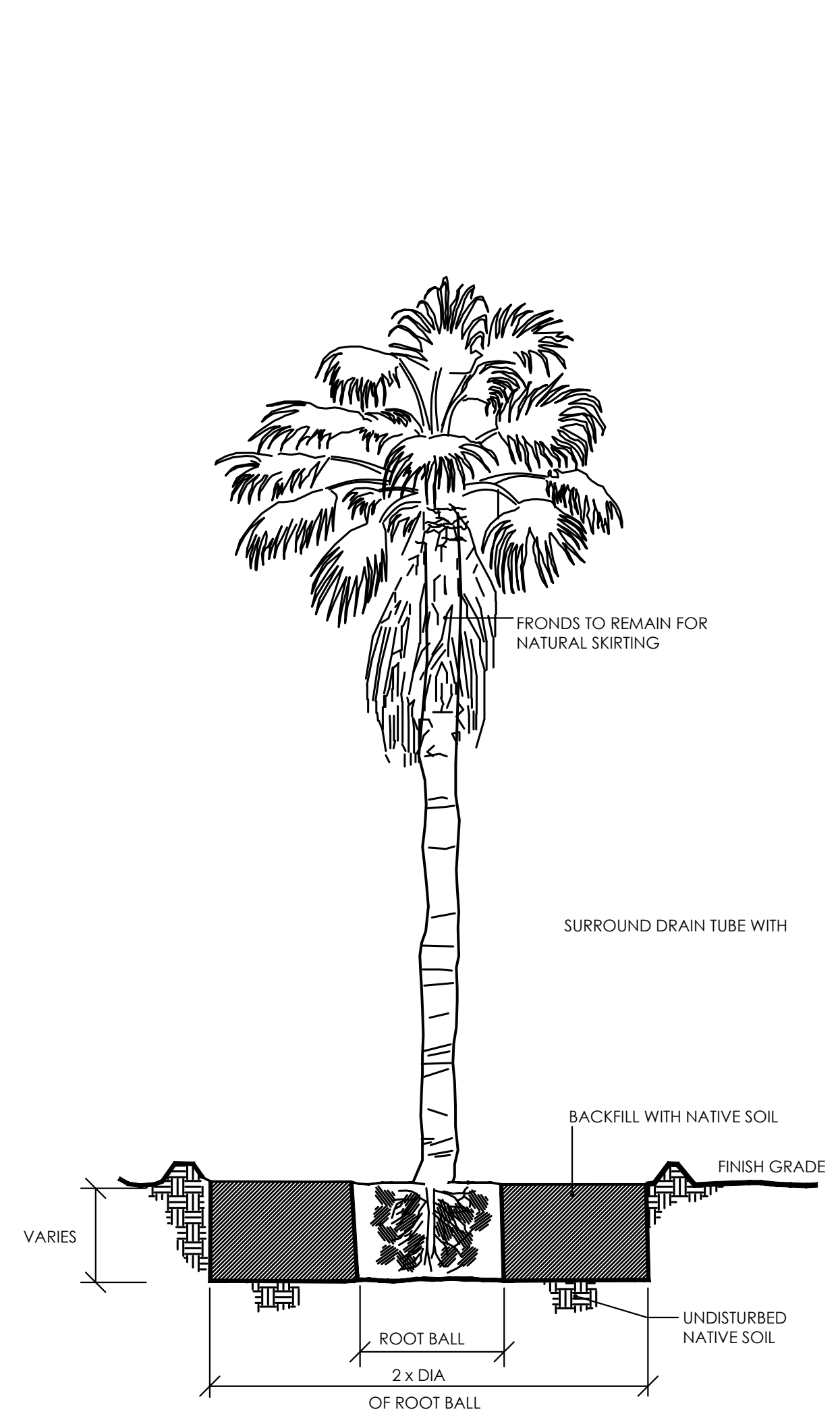
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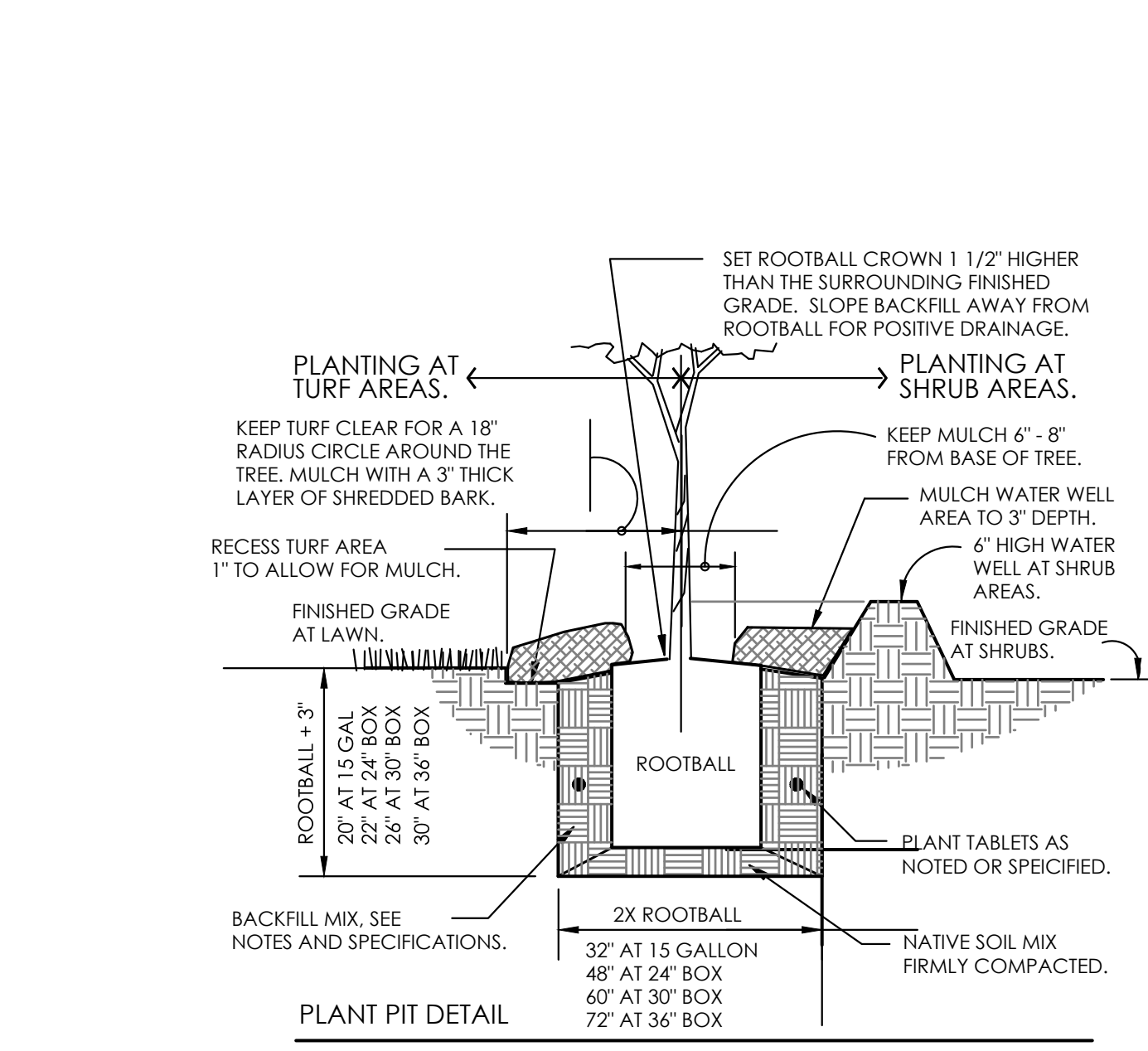


NOTE:  
 1. IN HEAVY SOIL, PIPE MAY BE CONNECTED TO A COMMON DRAIN AND EXTENDED DOWN INTO AN AUGURED HOLE OR SUBSURFACE DRAINAGE SYSTEM THEREBY EXTENDING THE DRAIN FIELD.  
 2. PLANTS SHALL BE LOCATED AT LEAST 3' AWAY FROM CURB AND SIDEWALK

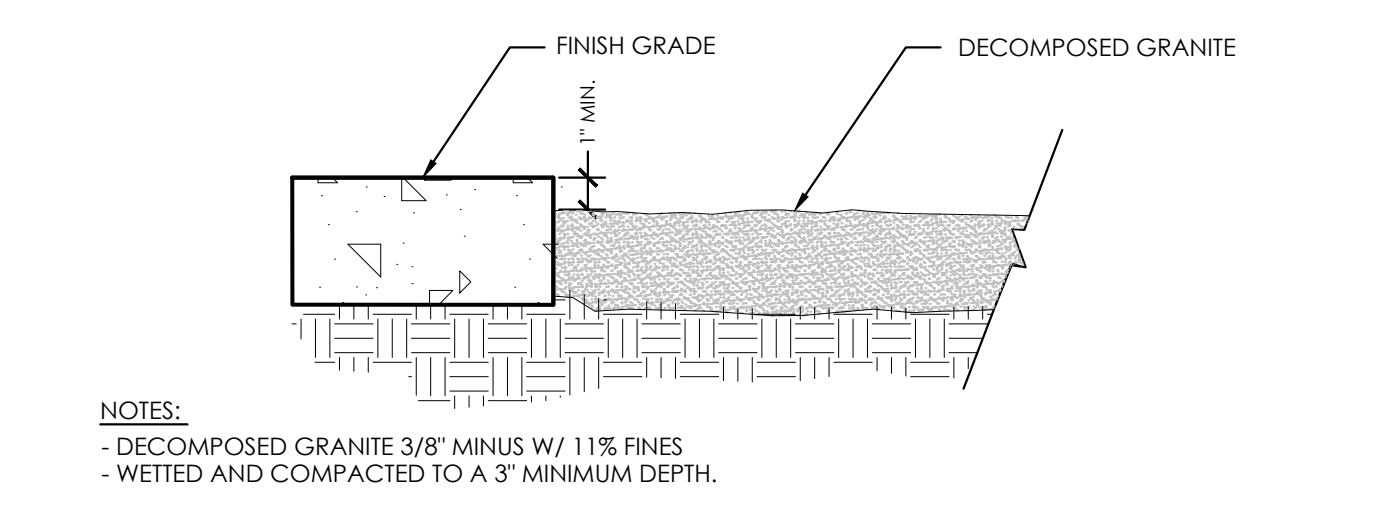
**1 DATE PALM**  
 NO SCALE R-PL-01



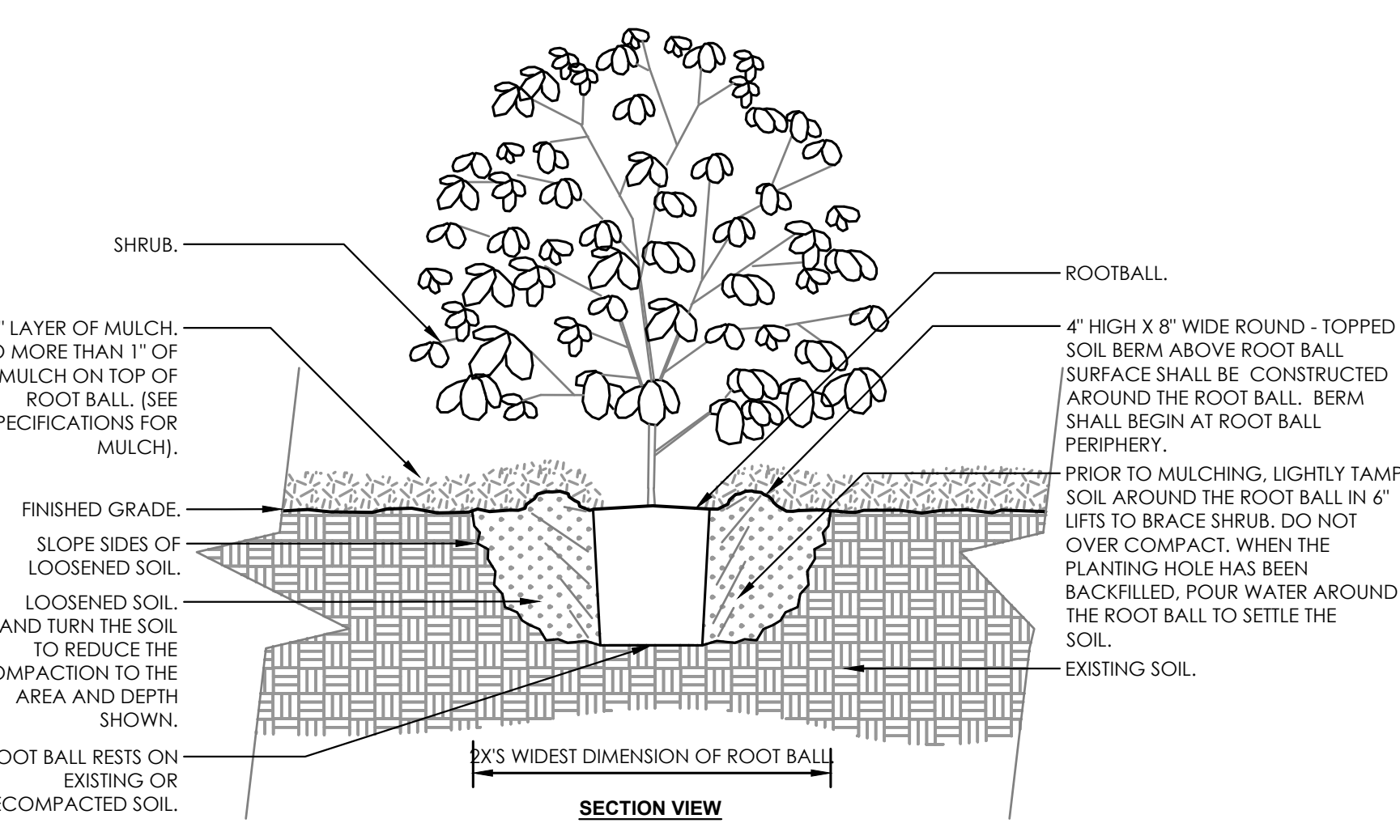
**2 PALM TREE \_ SKIRTED**  
 NO SCALE R-PL-05



**3 TREE DOUBLE STAKE PLANTING**  
 1" = 1'-0"

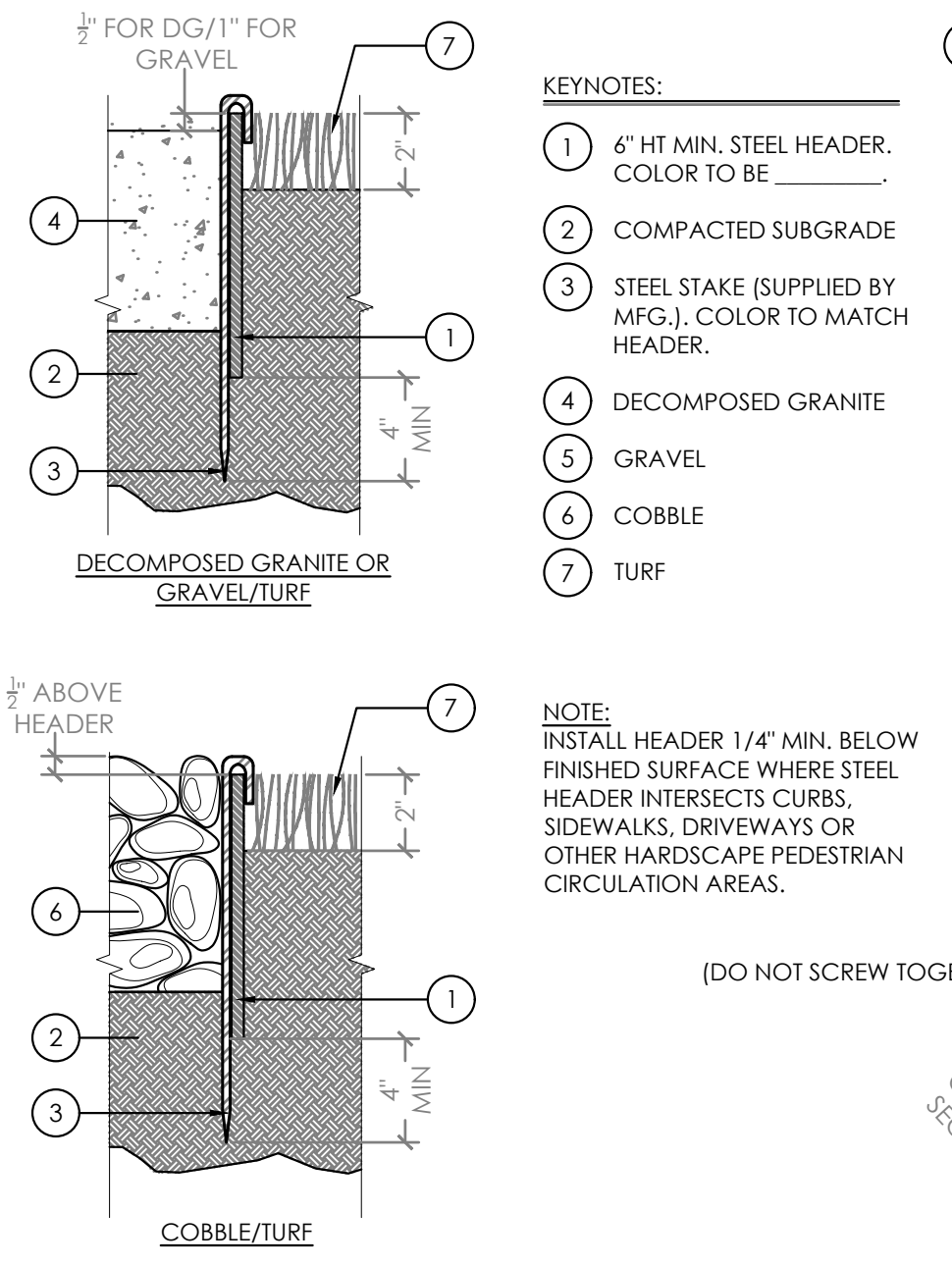


**4 DECOMPOSED GRANITE AT HARDSCAPE**  
 NO SCALE R-PL-13

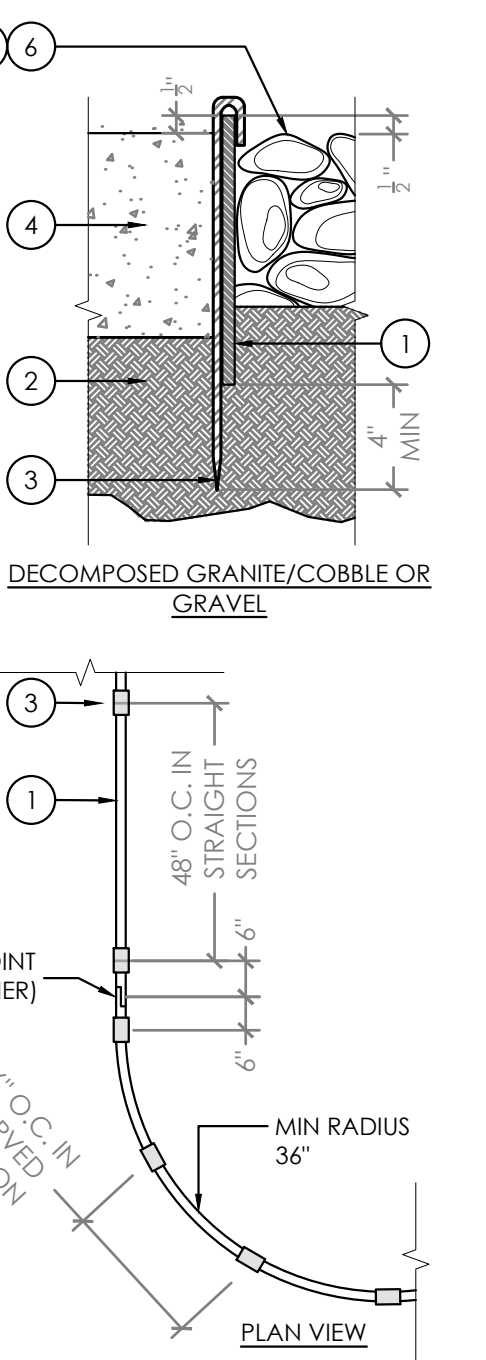


NOTE:  
 1- SHRUBS SHALL BE OF QUALITY PRESCRIBED IN THE ROOT OBSERVATIONS DETAIL AND SPECIFICATIONS.  
 2- SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL.

**5 SHRUB - UNMODIFIED SOIL**  
 3/4" = 1'-0" R-PL-FX-SHRB-04



**6 EDGE CONDITION (STEEL HEADER)**  
 NOT TO SCALE R-PL-23



NOTE:  
 1- VINES SHALL BE OF QUALITY AS PRESCRIBED IN THE ROOT OBSERVATIONS DETAIL AND SPECIFICATIONS.  
 2- SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL.

**7 VINE - CHAIN LINK FENCE - MODIFIED SOIL**  
 1/2" = 1'-0"

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**PLANTING DETAILS**



PER DETAIL	

**CVWD LANDSCAPE APPROVAL**

Date \_\_\_\_\_

CVWD Plan # \_\_\_\_\_