

2000 STANDARD PLAN DETAILS TO BE USED AS NON-STANDARD DETAILS. FOR RISER COULD USE 2010 STANDARD FOR RISER SPRINKLER ASSEMBLY.

SPRINKLER SCHEDULE

SYMBOL	ITEM DESCRIPTION	SPRINKLER TYPE	SPRAY PATTERN	OPERATING PRESSURE (psi)	PRESSURE COMPENSATING	PLUS/MINUS 5% ②		RADIUS (ft)	WIDTH x LENGTH (ft)	MATERIAL	INLET CONNECTION (NPT INCH)	POSITIVE-LOCKING Adj ARC STOP IMPACT	BACKSPLASH PREV. IMPACT	DIFFUSER PIN	DIST. CONTROL FLAP IMPACT	Adj DISCHARGE	RISER					SWING JOINT		POP-UP HEIGHT(INCH)	SPRINKLER PROTECTOR (TYPE)	CHECK VALVE ⑦	DRAINPIPE LENGTH (INCH)	REMARKS		
						DISCHARGE											TYPE	MATERIAL		FLOW SHUTOFF DEVICE	TYPE	DIAMETER								
						GALLONS PER MINUTE (GPM)	GALLONS PER HOUR (GPH)											PLASTIC	GALVANIZED				DIAMETER (IPS INCH)						HEIGHT (INCH)	
①	RISER SPRINKLER ASSEMBLY	IMPACT	P	40		4.4		40		B/B	1/2	X		X			IV	X	1/2	12	X	I								
①	RISER SPRINKLER ASSEMBLY	IMPACT	F	40		4.4		40		B/B	1/2	X		X			II	X	1/2	12		I								
△	RISER SPRINKLER ASSEMBLY	SPRAY	H	30	X	1.85		15		PL	1/2			X	X		IV	X	1/2	12	X	I				X				
▲	RISER SPRINKLER ASSEMBLY	SPRAY	F	30	X	3.70		15		PL	1/2			X	X		II	X	1/2	12		I				X				
●	RISER SPRINKLER ASSEMBLY	BUBBLER		30	X	0.25				PL	1/2						V		1/2							X		⑧		
⑤	RISER SPRINKLER ASSEMBLY (GEAR DRIVEN)	GEAR DRIVE	H	30	X	1.98		25		PL	3/4			X			IV	X	3/4	12	X	I				X				
⑥	POP-UP SPRINKLER ASSEMBLY (GEAR DRIVEN)	GEAR DRIVE	H	30	X	1.98		25		PL	3/4			X				X	1/2	⑨		I		12	I	X				
△	POP-UP SPRINKLER ASSEMBLY	SPRAY	H	30	X	1.85		15		PL	1/2			X	X			X	1/2	⑨		I		12	I	X				
⊗	TREE WELL SPRINKLER ASSEMBLY	BUBBLER		30	X	0.25				PL	1/2						⑩	X	1/2	12		III				X	10	⑪ ⑫		
~	DRIP IRRIGATION TUBING	EMITTER		20						PL																			⑬	

X IN BOX DENOTES REQUIREMENT

APPLICABLE WHEN CIRCLED BELOW:

- 1 - SEE SPECIAL PROVISIONS.
- ② - IF A PRESSURE COMPENSATING DEVICE IS SPECIFIED, THE DISCHARGE AND RADII SHOWN REFLECT ITS USE.
- 3 - ARC STOP SHALL BE FITTED WITH A NUT AND BOLT.
- 4 - VINYL-COATED CAST IRON HOUSING.
- 5 - SWING JOINTS REQUIRED ADJACENT TO SHOULDERS, CURBS, SIDEWALKS, AND DIKES.
- 6 - UNLESS OTHERWISE SHOWN ON PLANS.
- ⑦ - INTERNAL OR EXTERNAL CHECK VALVE.
- ⑧ - ONE PER SHRUB.
- ⑨ - LENGTH AS NECESSARY BETWEEN SWING JOINT AND POP-UP INLET.
- ⑩ - SEE TREE WELL SPRINKLER ASSEMBLY DETAIL.
- ⑪ - LOCATE BUBBLER "X" FROM EDGE OF ROOTBALL.
- ⑫ - TWO PER TREE. LOCATE ON OPPOSITE SIDES OF ROOTBALL.
- ⑬ - PREINSTALLED INLINE EMITTERS, EXTERNAL BARBED EMITTERS, OR A COMBINATION OF BOTH MAYBE USED.

DRAFT
BY P. NEW 4/6/14