














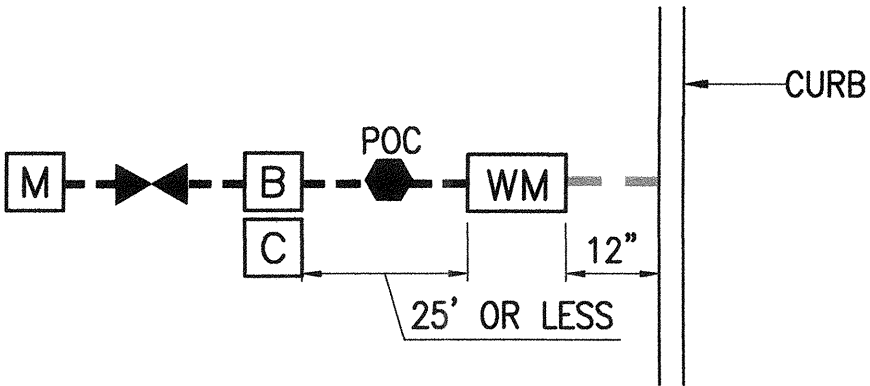


LATERAL PIPING SIZE SCHEDULE	
GPM	PIPE SIZE (NOMINAL SCH 40 PVC)
8 OR LESS	3/4" ø
13	1" ø
23	1 1/4" ø
32	1 1/2" ø
53	2" ø
74	2 1/2" ø
116 OR MORE	3" ø

NOTE:
IRRIGATION PIPING DOWNSTREAM OF THE REMOTE CONTROL UNIT SHALL BE SIZED PER THE CHART ABOVE AND NOT INDICATED ON THE PLAN DRAWINGS. REFER TO THE IRRIGATION LEGEND FOR SPRINKLER FLOW RATES (GPM). NO PIPING DOWNSTREAM OF THE REMOTE CONTROL VALVE TO THE SPRINKLER SHALL BE SIZED SMALLER THAN THE SPRINKLER THREADED INLET SIZE.




IRRIGATION LEGEND								
				KEY:				
						CONTROLLER & STATION NUMBER		
						GPM		
						SIZE		
SYMBOL	MANUF.	DESCRIPTION	EQUAL	SYMBOL	MANUF.	DESCRIPTION	GPM	EQUAL
	—	(E) WATER MAIN ON STREET, VERIFY	—		DIG	FOUR (4) LEIT XRC-ETS SYSTEM SOLAR POWERED CONTROLLERS W/ LEIT WWS WIRELESS WEATHER STATION. LOCATE WITHIN BFP ENCLOSURES – CONTROLLER A, B, C & D. SEE SPECS FOR CONTROLLER ZONE QUANTITY. CONTRACTOR TO PROVIDE FOUR (4) MUTI-PRO REMOTE CONTROL HANDSETS.	—	NO KNOWN EQUAL
	—	NEW MAINLINE, SCH. 40 GALVANIZED. PIPE, 1" DIA.	—					
	—	LATERAL LINE SCH 40 PVC, SIZE LATERALS PER LATERAL PIPING SCHEDULE	—					
	—	PIPE SLEEVE, SEE NOTE 6, THIS SHEET, AND SPECS	—		RAINBIRD, DIG	PRESSURE REDUCING SOLENOID VALVE MOD. NO. GB-PRS-D, W/LIGHT ENERGIZED LEMA 1600HE SOLENOID ACTUATOR AND 30-921 ADAPTER	—	NO KNOWN EQUAL
	—	POINT OF CONNECTION	—					
	—	THE CONTRACTOR SHALL BUY, PULL PERMITS, AND COORDINATE WORK FOR INSTALLATION OF FOUR (4) NEW 1" WATER METERS. VERIFY SITE CONDITIONS & P.O.C. PRIOR TO FINAL INSTALLATION	—					
	FEBCO	FOUR (4) BACKFLOW PREVENTERS, 1" LF860, INSTALL IN ENCLOSURE, SEE SPECS	—		BUCKNER	QUICK COUPLER 1"	—	NO KNOWN EQUAL
	HUNTER	FOUR (4) MASTER VALVE, IBV 101G-FS-AS-40, INSTALL IN ENCLOSURE, SEE SPECS. CONTRACTOR TO INSTALL TURNED OFF.	—		NIBCO	GATE VALVE: T-113, 1"	—	RED & WHITE
					TORO	SB-360-PC2 ON 570Z-6P-COM RISER	.74	NO KNOWN EQUAL
					RAINBIRD	RWS-BCG02 (BUBBLER 1402, RWS-SOCK, RWS-GRATE) ROOT WATERING SYSTEM	0.25	NO KNOWN EQUAL

POINT OF CONNECTION, TYP.



IRRIGATION NOTES

1. THESE NOTES AND IRRIGATION PLAN GOVERN IRRIGATION INSTALLATION ONLY AND ARE NOT INTENDED TO GOVERN OTHER WORK.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS OF POINT OF CONNECTION, MAINLINES, AND PROPOSED CONTROLLERS, PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCY BETWEEN THE DRAWING AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY REPRESENTATIVE PRIOR TO THE INSTALLATION OF ANY PIPE.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF AN IRRIGATION SYSTEM THAT PROVIDES 100% COMPLETE AND HEAD TO HEAD COVERAGE IN ALL PLANTING AREAS. THE WORK OF THE CONTRACT INCLUDES ADJUSTMENTS TO THE SYSTEMS INDICATED, INCLUDING QUANTITIES OF PIPING, HEADS, NOZZLES AND OTHER EQUIPMENT AS NECESSARY TO ASSURE COMPLETE COVERAGE.
4. THE IRRIGATION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT SHOW EXACT LOCATIONS OF PIPING, VALVES OR CONTROL LINES. INSTALL THESE ITEMS IN PLANTING AREAS PARALLEL TO, AND AS CLOSE AS POSSIBLE TO CURBS, HEADERS OR PAVING EDGES UNLESS OTHERWISE INDICATED.
5. VERIFY MAINLINE & LATERAL ROUTING AND LOCATE ALL BOXES & EQUIPMENT WITH THE CITY REPRESENTATIVE PRIOR TO INSTALLATION. OBTAIN WRITTEN & SIGNED VERIFICATION OF THIS REVIEW PRIOR TO INSTALLATION OF ANY IRRIGATION EQUIPMENT OR TRENCHING.
6. THE CONTRACTOR SHALL COORDINATE WORK WITH ALL APPROPRIATE TRADES FOR THE INSTALLATION OF PIPING, PIPE SLEEVES AND ELECTRICAL CONDUIT.
7. ALL PIPING AND CONTROL WIRING UNDER SIDEWALK PAVING SHALL BE INSTALLED IN SCHEDULE 80 PVC PIPE SLEEVES 2 SIZES BIGGER THAN WATER PIPE TO ALLOW FOR EASY INSERTION AND REMOVAL. ALL PIPING AND CONTROL WIRING IN THE ROADWAY SHALL BE INSTALLED IN 14-GAUGE CORRUGATED GALVANIZED STEEL PIPE ONE SIZE LARGER THAN THE IRRIGATION PIPING.
8. INSTALL EACH SOLENOID VALVE IN A SEPARATE VALVE BOX. SEE DETAILS AND SPECIFICATIONS.
9. IRRIGATION HEADS ARE INDICATED AS ACCURATELY AS POSSIBLE ON THE DRAWING. INSTALL HEADS AS INDICATED BY THE CENTERLINE OF THE SYMBOL AND IN ACCORDANCE WITH INSTALLATION DETAILS.
10. THE PROPOSED CONTROLLERS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND LOCATED BY CITY REPRESENTATIVE. INSIDE BACKFLOW PREVENTION CAGES, SEE DETAIL #4 SHEET L-4.0
11. LOCATE WWS WEATHER STATION IN LOCATION SELECTED BY THE CITY REPRESENTATIVE FOR FOUR UNIQUE LOCATIONS, MOUNTED OUT OF REACH ON EXISTING INFRASTRUCTURE PER MANUFACTURER SPEC.
12. ALL IRRIGATION SYSTEMS SHALL ADHERE TO THE CALIFORNIA WATER EFFICIENT IRRIGATION ORDINANCE. ENSURE THAT ALL REQUIRED EQUIPMENT IS INSTALLED PER THE SAN FRANCISCO ORDINANCE REQUIREMENTS.

					REFERENCE INFORMATION & FILE NO. OF SURVEYS				 <div>BUILDING DESIGN & CONSTRUCTION PUBLIC WORKS CITY & COUNTY OF SAN FRANCISCO 30 VAN NESS AVENUE, 4TH FLOOR SAN FRANCISCO, CA 94102 - 6028</div>		Date: Section Mgr: SHERMAN HOM Principal Architect & Mgr: JULIA LAUE		DESIGNED: DATE: JD/RW 03/21 DRAWN: DATE: RW 03/21 CHECKED: DATE: JD			SCALE: 1" = 20' SHEET OF SHEETS	2ND STREET STREETSCAPE IMPROVEMENTS PROJECT LANDSCAPE IRRIGATION PLAN 2ND STREET LEGEND AND NOTES		CONTRACT NO. 1064J (R) DRAWING NO. L-3.0 FILE NO. 106220 REV. NO.
TABLE OF REVISIONS THIS DRAWING WAS LAST MODIFIED: 10/03/16 15:26, BY: JRabago																			