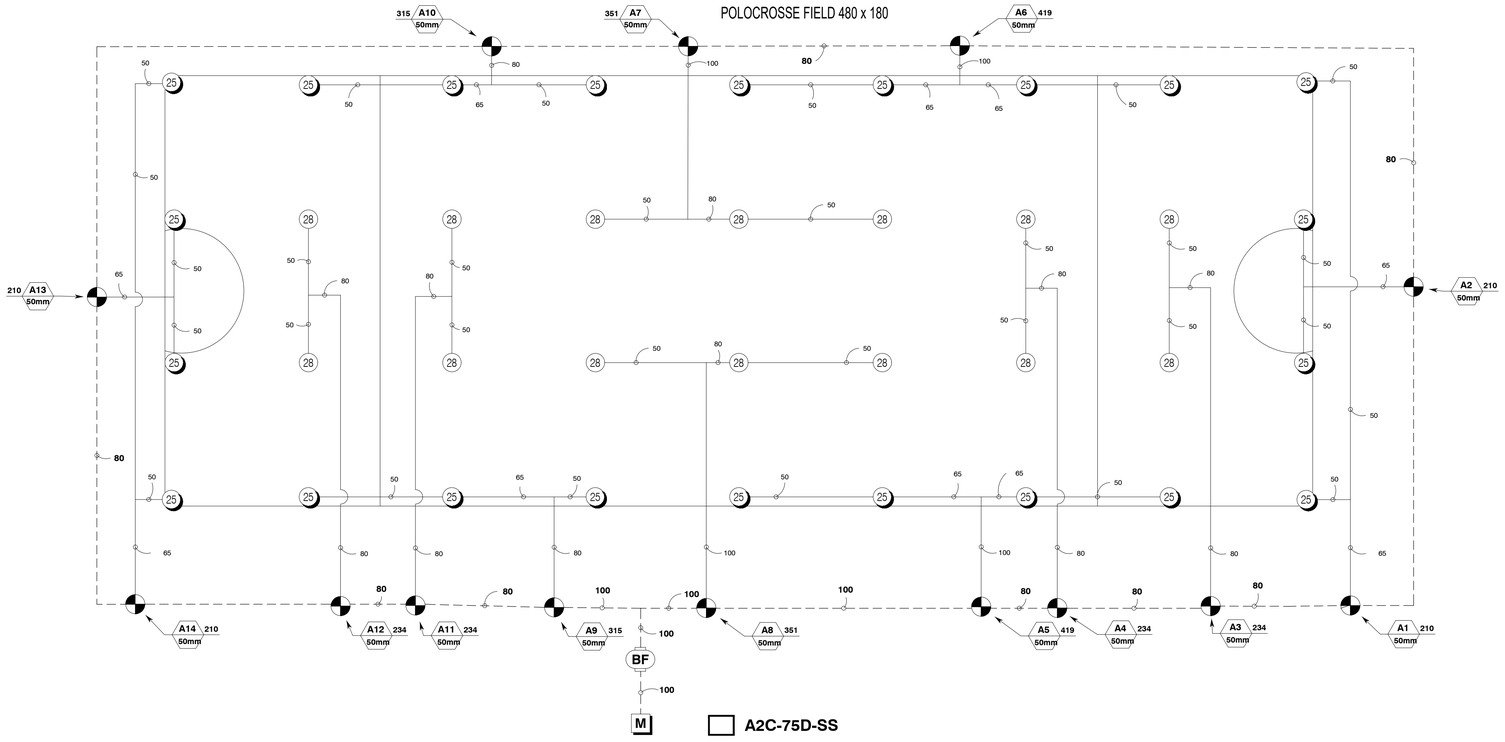


Scale: 1:250

0 63 125 250 500

WATER REQUIREMENT

REQUIRED FLOW: 454.25 LPM

REQUIRED PRESSURE: 827.37 kPa

GENERAL IRRIGATION NOTES

1. EQUIPMENT LOCATIONS ARE DIAGRAMMATIC AND ARE SHOWN ON PLAN FOR GRAPHIC CLARITY.
2. ALL IRRIGATION EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
3. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE UNLESS OTHERWISE SPECIFIED. INSTALL ALL HEADS WITH DOUBLE SWING JOINTS
4. IRRIGATION EQUIPMENT AND INSTALLATION METHODS SHALL ADHERE TO LOCAL, STATE, AND FEDERAL CODES
5. ALL REMOTE CONTROL VALVES, BALL VALVES, QUICK COUPLERS, ETC. SHALL BE INSTALLED IN SUBGRADE VALVE BOXES. VALVE BOXES SHALL BE LOCATED OUT OF PLAY AND HIGH TRAFFIC AREAS. VALVE BOXES SHALL BE HEAT BRANDED IN 2" LETTERING IDENTIFYING THE IRRIGATION COMPONENT FOUND INSIDE THE BOX AND CONTROLLER AND STATION NUMBER WHEN APPLICABLE.
6. ALL VALVES ARE TO BE FASTENED WITH VALVE IDENTIFICATION TAGS IDENTIFYING STATION # AND APPROPRIATE CONTROLLER IDENTIFICATION INFORMATION.
7. SLEEVES SHALL BE PLACED UNDER ALL DRIVEWAYS AND WALKS WHERE IRRIGATION LATERAL, MAINLINE, AND WIRE WILL CROSS. SLEEVES SHALL BE MINIMUM BURY 24" DEEP. MINIMUM DISTANCE PAST EDGE OF DRIVEWAY OR CONCRETE WALK SHALL BE 24". WATER AND WIRE SHALL NOT BE PLACED IN THE SAME SLEEVE. SLEEVES TO BE TWICE THE DIAMETER OF THE PIPE BEING SLEEVED. WIRE SLEEVES TO BE 2" DIAMETER MINIMUM.
8. UNDERGROUND MARKING TAPE SHALL BE RUN WITH ALL MAINLINES AND MUST BE INSTALLED AT LEAST 6" ABOVE TOP OF PIPE.
9. INSTALLER SHALL USE WATERPROOF CONNECTORS FOR ALL WIRE SPLICE CONNECTIONS.
10. THE INSTALLER SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES (BOTH EXISTING AND NEW) FOR OPTIMUM COVERAGE WITH MINIMAL MISTING AND/OR OVER SPRAY ONTO WALKS, STREETS, WALLS, ETC.

SYSTEM PERFORMANCE DATA

ZONE	SIZE (mm)	FLOW l/min	PRECIPITATION RATE mm/hr	DISTRIBUTION UNIFORMITY LQ	SCHEDULING COEFFICIENT
A1	50	209.71	7.0	0.85	1.1
A2	50	209.71	3.5	0.85	1.1
A3	50	233.94	1.9	0.88	1.1
A4	50	233.94	1.9	0.88	1.1
A5	50	419.42	3.5	0.85	1.1
A6	50	419.42	3.5	0.85	1.1
A7	50	350.91	1.9	0.88	1.1
A8	50	350.91	2.0	0.88	1.1
A9	50	314.57	3.5	0.85	1.1
A10	50	314.57	2.2	0.85	1.1
A11	50	233.94	1.9	0.88	1.1
A12	50	233.94	1.9	0.88	1.1
A13	50	209.71	3.5	0.85	1.1
A14	50	209.71	7.0	0.85	1.1

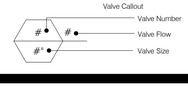
IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	kPa	l/min
25	Hunter I-50-06-SS Turf Rotor, 15 cm Pop-Up. Adjustable to Full Circle. Drain Check Valve, Stainless Steel Riser, 25 mm Female NPT Inlet Threads, Standard Nozzle.	22	551.6	104.9
28	Hunter I-50-06-SS-ON Turf Rotor, 15 cm Pop-Up. Adjustable to Full Circle. Drain Check Valve, Stainless Steel Riser, 25 mm Female NPT Inlet Threads, Dual Opposing Nozzle.	14	551.6	117.0

VALVE IDENTIFICATION GUIDE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Hunter ICV-G 50mm 25 mm, 40 mm , 50 mm, and 80 mm Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use.	14
A2C-75D-SS	Hunter A2C-75D-SS 75-Station Decoder controller in a stainless steel wall mount enclosure.	1
M	Water Meter 50mm	1
	Irrigation Lateral Line: PVC Class 200 SDR 21 50	1,394 m
	Irrigation Lateral Line: PVC Class 200 SDR 21 65	347.4 m
	Irrigation Lateral Line: PVC Class 200 SDR 21 80	682.6 m
	Irrigation Lateral Line: PVC Class 200 SDR 21 100	237.3 m
	Irrigation Mainline: PVC Schedule 40 80	1,390 m
	Irrigation Mainline: PVC Schedule 40 100	226.7 m

Valve Callout



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I-50 ROTOR
LOOPED MAIN LINE LAYOUT

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SHEET
1 of 1