



LAWN BOWLING

I-20 DESIGN

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SHEET

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### IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-20-36S-XX/I-20-6P-36S-XX NOZZLE AS SHOWN
  - HUNTER I-20-ADS-XX/I-20-6P-ADS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #3.5 @ 3.0 Bars - 12 l/min 11.3m RADIUS
  - #8 @ 3.0 Bars - 24 l/min 13.1m RADIUS
- HUNTER ICV/IBX ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-4X-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER IC-600-M SOLID STATE METAL CABINET CONTROLLER
- RS HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- DS WATER METER MINIMUM SIZE @ 120 l/min IS 50mm
- BP BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
- LATERAL PIPE
- == SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- HFS HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

### IRRIGATION NOTES

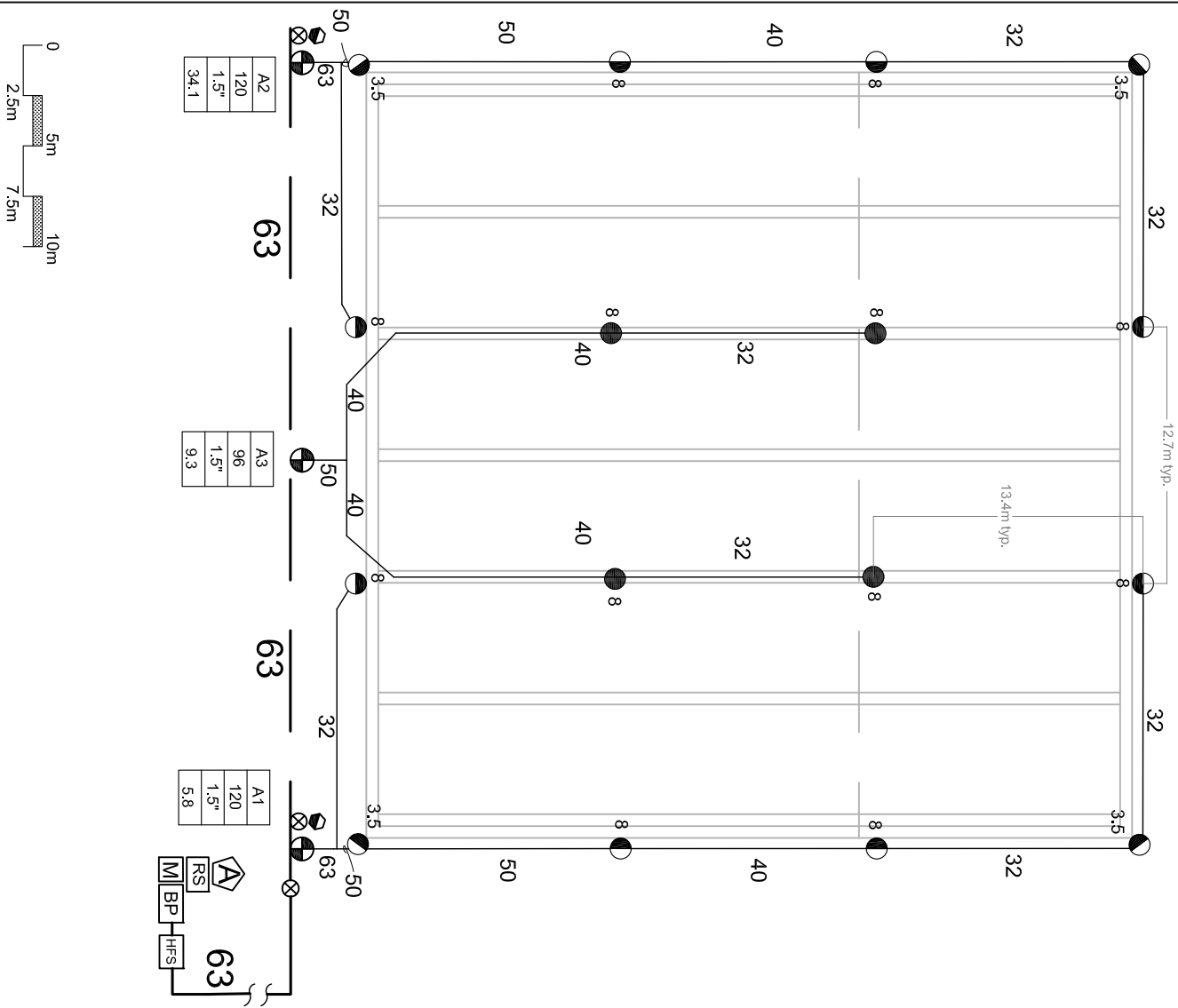
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 25mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/OCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. OCV TO BE LOCATED IN 10" VALVE BOX
11. ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
12. INSTALL ALL COMPONENTS AS PER LOCAL STATE, FEDERAL CODES
13. REFER TO HUNTER INSTALLATION DETAILS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

### SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m <sup>3</sup> /hr	PR l/min	DU mm/hr	SC-100 INDEX
A1	1.5"	7.2	120	34.1	1.2
A2	1.5"	7.2	120	34.1	1.2
A2	1.5"	5.8	96	9.3	.78
					1.2

### WATER REQUIREMENT

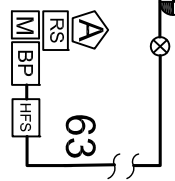
WATER REQUIREMENT AT	VALVE ID GUIDE
-FIELD ELEVATION	A1 STATION NUMBER
-FIELD ELEVATION	273 l/min
-DOWNSTREAM OF	1.5" VALVE SIZE
-BACKFLOW	19.0 PRECIPITATION RATE mm/hr
IS 120 l/min @ 3.03 Bars	



A2	120	1.5"	34.1
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A3	96	1.5"	9.3
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A1	120	1.5"	5.8
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Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, expressed or implied, for projects installed from this plan. Because of the many variables of every system and of every site we recommend that a qualified irrigation designer be consulted.