

WATER REQUIREMENT

WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 30m OF FIELD
 -DOWNSTREAM OF
 BACKFLOW/
 IS 326 l/min @ 5.51 Bars

IRRIGATION LEGEND

PRODUCT DESCRIPTION
 HUNTER I-20-ADS-XXI-20-6P-ADS-XX; NOZZLE AS SHOWN
 HUNTER I-35-06-SS-B-XX; NOZZLE AS SHOWN
 HUNTER I-35-06-SS-B-XX; NOZZLE AS SHOWN
 NOZZLE PERFORMANCE:
 I-20
 #1 @ 3.0 Bars - 4.5 LPM 9.4m RADIUS
 #1.5 @ 3.0 Bars - 6.2 LPM 10.4m RADIUS
 #2 @ 3.0 Bars - 7.7 LPM 11.0m RADIUS
 I-35:
 #12 @ 5.0 Bars - 51.2 LPM 16.8m RADIUS
 #18 @ 5.0 Bars - 65.2 LPM 18.9m RADIUS
 #24 @ 5.0 Bars - 91.1 LPM 19.81m RADIUS

+ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 + HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 + HUNTER IC-1200-W SOLID STATE METAL CABINET CONTROLLER
 + HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 WATER METER MINIMUM SIZE @ 326 l/min IS 63mm
 BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 MAINLINE PIPE
 LATERAL PIPE
 LATERAL PIPE
 ISOLATION VALVE LINE SIZED

IRRIGATION NOTES

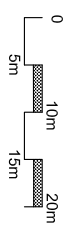
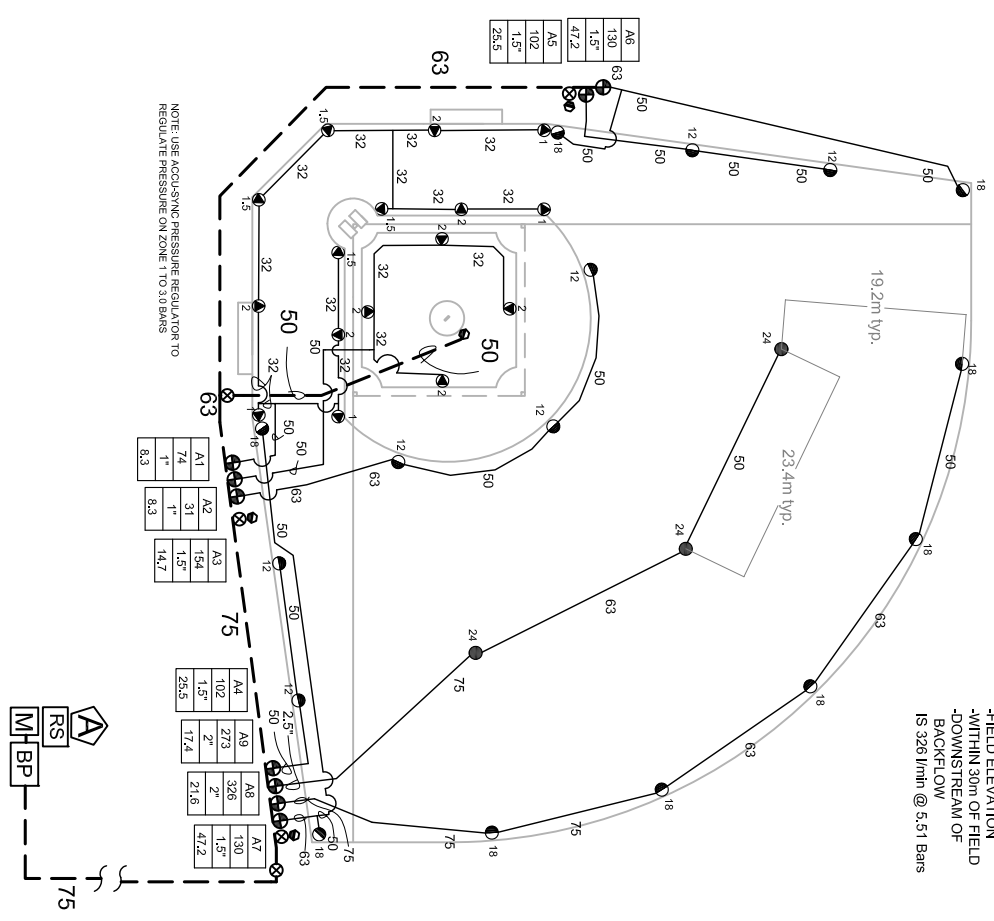
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/QCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. QCV 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

IRRIGATION NOTES

ZONE	SIZE	FLOW m ³ /hr	PR l/min	DU mm/hr	SC _{100%} mm/min
A1	1"	4.4	7.7	.81	1.2
A2	1"	1.8	3.1	.82	1.3
A3	1.5"	9.2	15.4	1.47	1.2
A4	1.5"	6.1	10.2	25.5	.85
A5	1.5"	7.8	13.2	29.9	.85
A6	1.5"	7.8	13.0	47.2	.84
A7	1.5"	19.6	326	21.6	1.2
A8	2"	16.4	273	17.4	.84
A9	2"	16.4	273	17.4	1.4

VALVE ID GUIDE

A1	STATION NUMBER
273	l/min
1.5"	VALVE SIZE
19.0	PRECIPITATION RATE mm/hr



LITTLE LEAGUE FIELD
 I-35 THREE ROW DESIGN

Hunter Industries
 1940 Diamond Street
 San Marcos, California 92078
 SpecPro Technical Assistance
 1-800-319-4796
 www.HunterIndustries.com

SHEET
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