



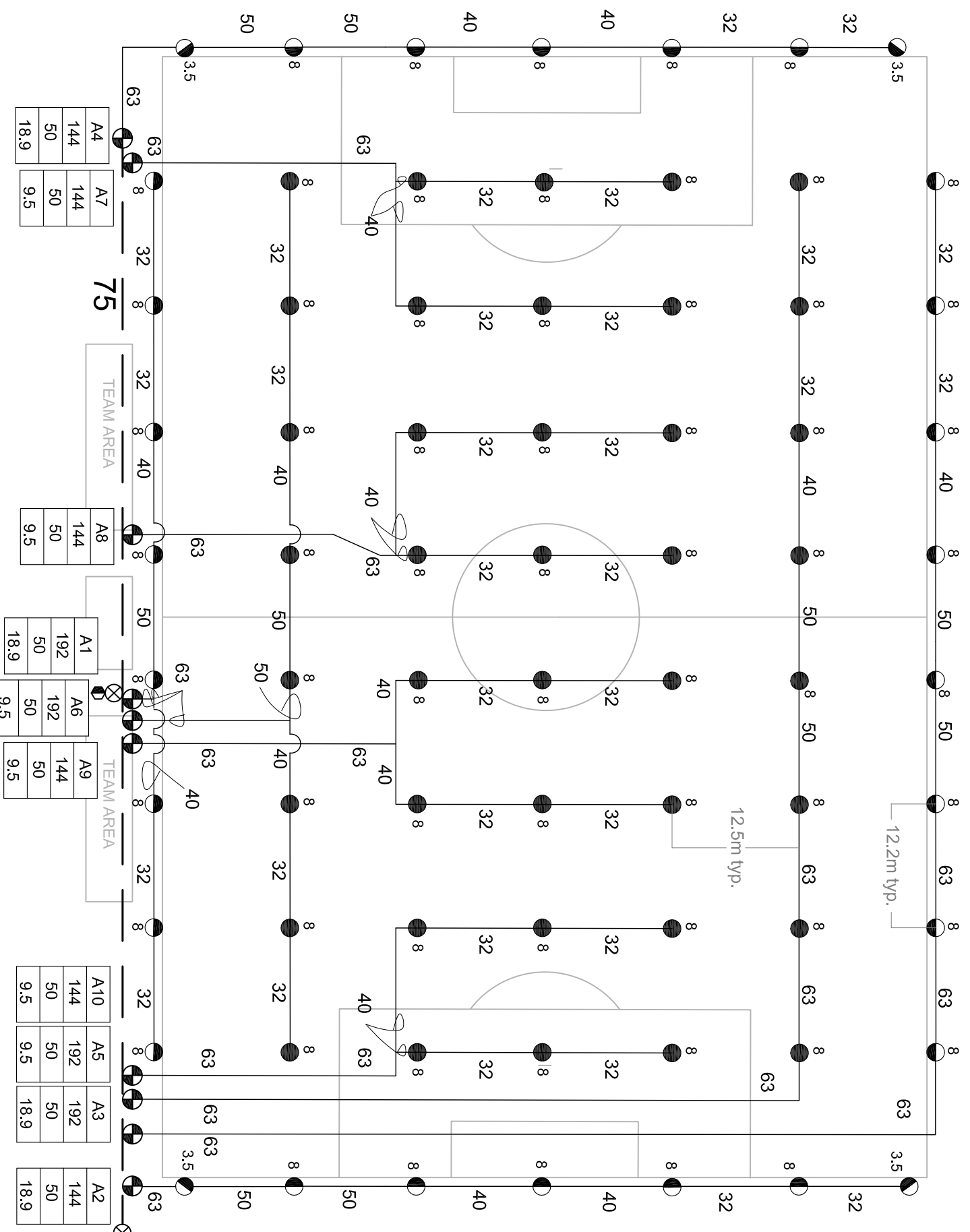
SOCCER FIELD 75 X 110M  
I-20 SEVEN ROW DESIGN

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

**WATER REQUIREMENT**  
WATER REQUIREMENT AT  
-FIELD ELEVATION  
-WITHIN 30M OF FIELD  
-DOWNSTREAM OF BACKFLOW  
IS 192 l/min @ 4.0 Bars

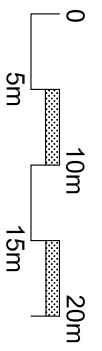
**VALVE ID GUIDE**

A1	STATION NUMBER
273	l/min
1.5"	VALVE SIZE
19mm/hr	PRECIPITATION RATE mm/hr



**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW m <sup>3</sup> /hr	PR l/min	DU mm/hr	SC <sub>50</sub> mm/min
A1	1.5"	11.5	192	18.9	.82
A2	1.5"	8.64	144	18.9	.82
A3	1.5"	11.5	136	18.9	.82
A4	1.5"	8.64	144	18.9	.82
A5	1.5"	11.5	192	9.5	.82
A6	1.5"	11.5	192	9.5	.82
A7	1.5"	8.64	144	9.5	.82
A8	1.5"	8.64	144	9.5	.82
A9	1.5"	8.64	144	9.5	.82
A10	1.5"	8.64	144	9.5	.82



**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/OCVS 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

**IRRIGATION LEGEND**

- PRODUCT DESCRIPTION**
- HUNTER I-20-04-SS-XX/I-20-06-SS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #3.5 @ 3.0 Bars - 12.0 l/min 11m RADIUS
  - #8.0 @ 3.0 Bars - 24.0 l/min 13.1m RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
  - HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
  - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
  - WATER METER MINIMUM SIZE @ 192 LPM IS 50mm
  - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
  - MAINLINE PIPE
  - LATERAL PIPE
  - SLEEVING
  - ⊗ ISOLATION VALVE LINE SIZED