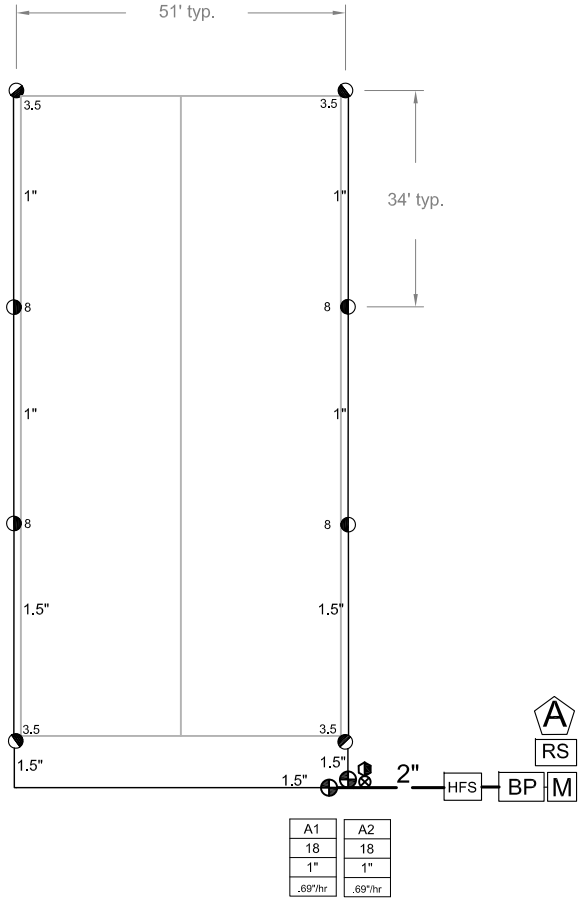


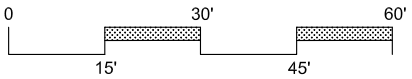


SCALE: 1" = 30'0"

## IRRIGATION LEGEND

PRODUCT DESCRIPTION

HUNTER I-20-04-SS-XX/I-20-06-SS-XX NOZZLE AS SHOWN

NOZZLE PERFORMANCE:
#3.5 @ 40 PSI - 3.0 GPM 38' RADIUS
#8 @ 40 PSI - 6.0 GPM 41' RADIUS

HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
HUNTER IC-600 SOLID STATE METAL CABINET CONTROLLER
RS HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
M WATER METER MINIMUM SIZE @ 18 GPM IS 1"
BP BACKFLOW PREVENTER SIZED TO SYSTEM GPM
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 .75" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
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

## WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF BACKFLOW IS 18 GPM @ 45 PSI

## SYSTEM PERFORMANCE DATA

| ZONE | SIZE | FLOW | PR | DU | SC (10% WINDOW) |
|---|---|---|---|---|---|
| A1 | 1" | 18 | .69" | .81 | 1.2 |
| A2 | 1" | 18 | .69" | .81 | 1.2 |

## VALVE ID GUIDE

| | |
|---|---|
| A1 | STATION NUMBER |
| 55 | GPM |
| 1.5" | VALVE SIZE |
| .50"/hr | PRECIPITATION RATE |

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.

CROQUET COURT

I-20 DESIGN

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SHEET
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