



Irrigation		
Quantity	Symbol	Description
9		Rain Bird XCZ-100-PRF
1		Rain Bird ESP/AM8 CONTROLLER & STN.)
1		Rain Bird ESP/AM5M (4 STN. MODULE)
1		Rain Bird ET MANAGER CARTRIDGE (RAIN SENSOR)
1		1 1/4" GATE VALVE
1		3/4" HOSE BIB
80 FT		Class 160 1 1/2" SLEEVE
90 FT		Class 160 2 1/2" SLEEVE
600 FT		Class 200 1 1/4" MAINLINE
20 FT		Class 200 1"
130 FT		Class 200 3/4"
15 FT		Schedule 40 1/2"
160 FT		Schedule 40 3/4"
7800 FT		RIN BIRD XFD-09-12 DRIPLINE

NOTES:

THE IRRIGATION SYSTEM IS BASED ON A MINIMUM OF 65 PSI (UP STREAM OF THE BACKFLOW DEVICE) AND A MAXIMUM OF 15.0 USGPM OFF THE 1 1/4" MAINLINE.

THIS IS A HIGH EFFICIENCY PROJECT AND WATER CONSERVATION IS THE UPMOST IMPORTANCE.

DRIPLINE IS INSTALLED APPROXIMATELY 1 1/2 FT APART. DRIPLINE SHALL BE INSTALLED IN A GRID LIKE PATTERN (AS SHOWN).

THE IRRIGATION SYSTEM SHALL BE INSTALLED AS PER THE IRRIGATION INDUSTRY ASSOCIATION OF BC STANDARDS.

THE MECHANICAL CONTRACTOR SHALL INSTALL THE ISOLATION VALVE, BACKFLOW DEVICE, PRV DEVICE (IF REQUIRED) AND RUN A 1 1/4" SUPPLY LINE TO THE STUB OUT LOCATION NOTED ON THE PLAN.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE A 120 V OUTLET IN THE MECHANICAL ROOM AND RUN A 1" CONDUIT WITH PULL STRING TO THE LOCATION NOTED ON THE PLAN.

THE RAIN BIRD ESP/AM CONTROLLER WITH THE RAIN BIRD ET MANAGER CARTRIDGE INSTALLED IS AN ET/WEATHER BASED IRRIGATION CONTROLLER AND RAIN SENSOR.

PROJECT:

SHEET TITLE:

IRRIGATION PLAN

REVISIONS:

SEPT 13,11
REVISED TO ALL DRIP

DATE: AUG 29,11

JOB #:

DRAWN BY: CAL

CHECKED BY:

SCALE: 1/16" = 1 FT

SHEET: IRR-1
1 OF 1