

PROJECT:

SHEET TITLE:

IRRIGATION PLAN

REVISIONS:

FOR REVIEW
AUG. 29, 11

DATE: AUG 29, 11

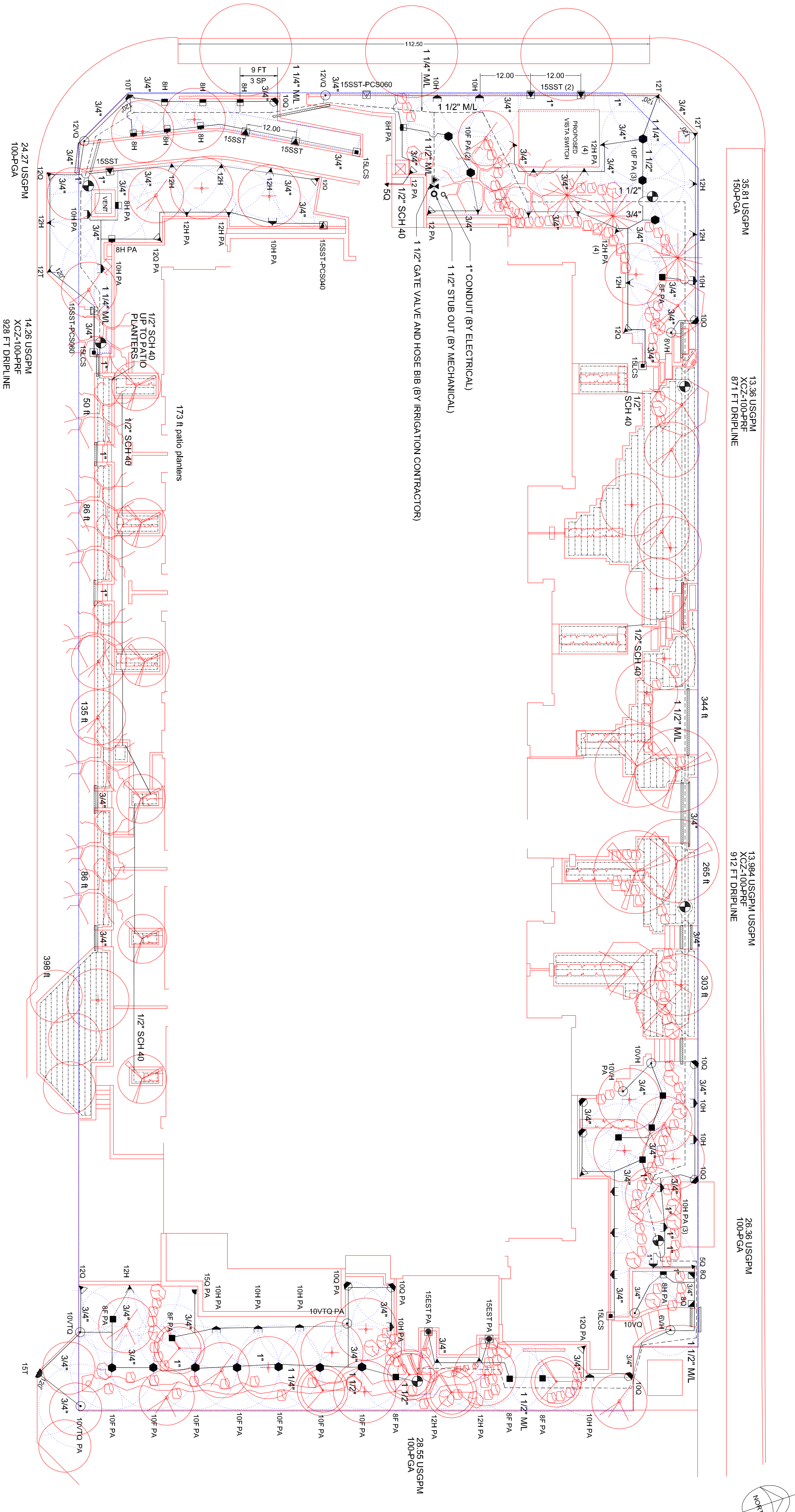
JOB #:

DRAWN BY: CAL

CHECKED BY:

SCALE:
1/16" = 1 FT

SHEET: IRR-1
1 OF 1



Quantity	Symbol	Description	Pressure	Flow	Radius	Quantity	Symbol	Description	Pressure	Flow	Radius	Quantity	Symbol	Description
12	•	Rain Bird 100-PGA-PRS	30	1.58	10	2	⊙	Rain Bird 12-VAN 90-180-PRS	30	0.50	12	3	⊕	Rain Bird 100-PGA Globe
8	•	Rain Bird 100-180-PRS	30	0.79	10	2	⊕	Rain Bird 150-PRS-180-PRS	30	0.61	15	1	⊕	Rain Bird 150-PGA Globe
11	•	Rain Bird 100-180-PRS	30	0.79	10	4	⊕	Rain Bird 150-PRS-180-PRS	30	0.49	4	3	⊕	Rain Bird 150-PGA Globe
7	•	Rain Bird 100-180-PRS	30	0.39	10	1	•	Rain Bird 150-PRS-180-PRS	30	0.02	15	1	•	Rain Bird 150-PGA Globe
2	•	Rain Bird 100-180-PRS	30	0.39	10	5	•	Rain Bird 150-PRS-180-PRS	30	1.21	30	1	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	0.63	10	1	•	Rain Bird 150-PRS-180-PRS	30	0.4	10	1	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	1.45	10	2	•	Rain Bird 150-PRS-180-PRS	30	0.6	20	1	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	1.45	10	10	•	Rain Bird 150-PRS-180-PRS	30	1.23	15	5	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	2.1	10	2	•	Rain Bird 150-PRS-180-PRS	30	0.1	2	80.17	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	2.1	10	1	•	Rain Bird 150-PRS-180-PRS	30	0.6	6	380.69	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	0.75	10	10	•	Rain Bird 150-PRS-180-PRS	30	1.05	8	1003.69	•	Rain Bird 150-PGA Globe
1	•	Rain Bird 100-180-PRS	30	1.3	12	6	•	Rain Bird 150-PRS-180-PRS	30	0.52	8	66.12	•	Rain Bird 150-PGA Globe
12	•	Rain Bird 100-180-PRS	30	1.3	12	4	•	Rain Bird 150-PRS-180-PRS	30	0.52	8	464.39	•	Rain Bird 150-PGA Globe
5	•	Rain Bird 100-180-PRS	30	0.85	12	2	•	Rain Bird 150-PRS-180-PRS	30	0.26	8	170.17	•	Rain Bird 150-PGA Globe
4	•	Rain Bird 100-180-PRS	30	0.85	12	2	•	Rain Bird 150-PRS-180-PRS	30	1.19	8	271.17	•	Rain Bird 150-PGA Globe
3	•	Rain Bird 100-180-PRS	30	0.87	12	1	•	Rain Bird 150-PRS-180-PRS	30				•	Rain Bird 150-PGA Globe

NOTES:

THE IRRIGATION SYSTEM IS BASED ON A MINIMUM OF 65 PSI (UP STREAM OF THE BACKFLOW DEVICE) AND A MAXIMUM OF 36.0 USGPM OFF THE 1 1/2" MAINLINE AND 26.0 USGPM OFF THE 1 1/4" MAINLINE.

SPRINKLER LOCATIONS ARE TO SCALE. PIPING IS DIAGRAMATIC ONLY AND CAN BE ALTERED. PIPING SHALL BE SIZED AT 5/8" SEC. DRIP LINE IS INSTALLED APPROXIMATELY 1 1/2 FT APART. DRIP LINE 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.

UNLESS NOTED OTHERWISE NOZZLES ARE INSTALLED ON 180-PRS SPRINKLERS. NOZZLES INDICATED WITH "PA" AFTER THEM ARE TO BE INSTALLED ON RISERS WITH RAIN BIRD PRS SHRUB ADAPTERS. HEIGHT OF RISERS TO SUIT PLANT MATERIAL. THE IRRIGATION CONTRACTOR SHALL INSTALL SPRINKLERS WITH CHECK VALVES IN LOW AREAS TO PREVENT LOW HEAD DRAINAGE.

THE MECHANICAL CONTRACTOR SHALL INSTALL THE ISOLATION VALVE, BACKFLOW DEVICE, PRV DEVICE (IF REQUIRED) AND RUN A 1 1/2" 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/LXM CONTROLLER WITH THE RAIN BIRD ET MANAGER CARTRIDGE INSTALLED IS AN ET/WEATHER BASED IRRIGATION CONTROLLER AND RAIN SENSOR.