

IRRIGATION EQUIPMENT LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER / MODEL	REMARKS	DETAIL
	METER	AS REQUIRED BY COVERING AGENCY	SEE CIVIL DRAWINGS FOR PLANNED SERVICE LINE AND METER LOCATIONS VERIFY LOCATION AND SIZE IN FIELD	-
	BACKFLOW PREVENTION DEVICE ASSEMBLY	FEBCO 1.5" #850 DOUBLE CHECK ASS. or EQUIVALENT	DOUBLE CHECK TYPE BACKFLOW PREVENTION DEVICE ASSEMBLY WITH BRASS POC FITTINGS.	-
	AUTOMATIC CONTROLLER	RAINBIRD ESP-4Me WITH 8 STA EXPANSION MODULE	STATION COUNT AS REQUIRED PER LOT. SEE THIS SHEET CONTROLS NOTE #1 FOR LOT CALL OUT. CONTROLLER INSTALLED WITHIN COVERAGE OF PRIVATE RESIDENCE. COORDINATE WITH ARCH DWG.	-
	REMOTE CONTROL VALVE	RAINBIRD 100-PEB ELECTRIC CONTROL VALVE	SIZE AS SHOWN. INSTALL IN GROUND COVER OR SHRUB PLANTER AREAS WHEREVER POSSIBLE WITHIN RECTANGULAR VALVE BOX AS DETAILED.	-
	QUICK COUPLING VALVE	RAINBIRD 44RC QUICK COUPLING VALVE - 2 PIECE	INSTALL PER ATTACHED MFG SPECIFICATIONS	-
	CONTROL WIRE	REGENCY 14-1 DIRECT BURY IRRIGATION CABLE OR EQ.	CONTROL WIRE TO FOLLOW IRRIGATION MAINLINE IN COMMON TRENCH WHENEVER POSSIBLE.	-
	PVC MAINLINE PIPE (3" AND SMALLER)	-	1" - 3" = PVC SCH 40	-
	PVC LATERAL LINE PIPE	-	1" MINIMUM; PVC SCH 40	-
	PVC SLEEVE	-	PVC SCH 40; TWO TIMES DIA. OF PIPE OR WIRE BUNDLE. (2" MIN.) LINK UP AT STREET OR DRIVE CROSSINGS	-
	ROTARY SPRINKLER	RAINBIRD 5012 W/ MPR NOZZLE	INSTALL PER ATTACHED MFG SPECIFICATIONS	-
	SPRAY SPRINKLER	RAINBIRD 1812 W/ RAINBIRD MPR NOZZLE	INSTALL PER ATTACHED MFG SPECIFICATIONS	-
	VALVE SEQUENCE NUMBER	-	-	-
	VALVE NOMINAL SIZE	-	-	-
	DESIGNED FLOW RATE IN GALLONS PER MINUTE	-	-	-
	VALVE DETAIL	-	-	-

PVC FLOW CHART

1"	0 - 16 GPM
1 1/2"	16 - 30 GPM
2"	30 - 50 GPM

Default Equipment Table

Irrigation Heads

Quantity	Symbol	Description
278		Rainbird 1812 Spray Head w/ Rainbird MPR Nozzle as noted
19		Rainbird 5012 Rotary Head w/ Rainbird MPR (red) Nozzle as required

Point of Connection

Quantity	Symbol	Description
3		PVC Ball Valve - 1.5"
1		Febco 850 Double Check Valve Assembly - 1.5"
1		Rainbird 44RC Quick Coupler Valve - 1"

Controller

Quantity	Symbol	Description
1		Rainbird 4Me Series Modular Outdoor Controller - 8 sta. base

Valves

Quantity	Symbol	Description
16		Rainbird PEB Series Control Valve

TBD

Quantity	Symbol	Description
TBD		Rainbird 44RC Quick Coupler Valve - 1"

Pipe (Mainline)

Quantity	Symbol	Description
580		Schedule 40 PVC Pipe - 1.5"

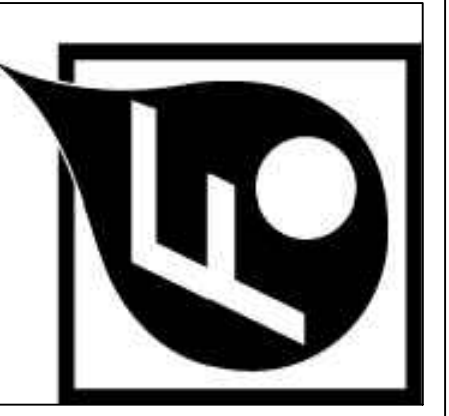
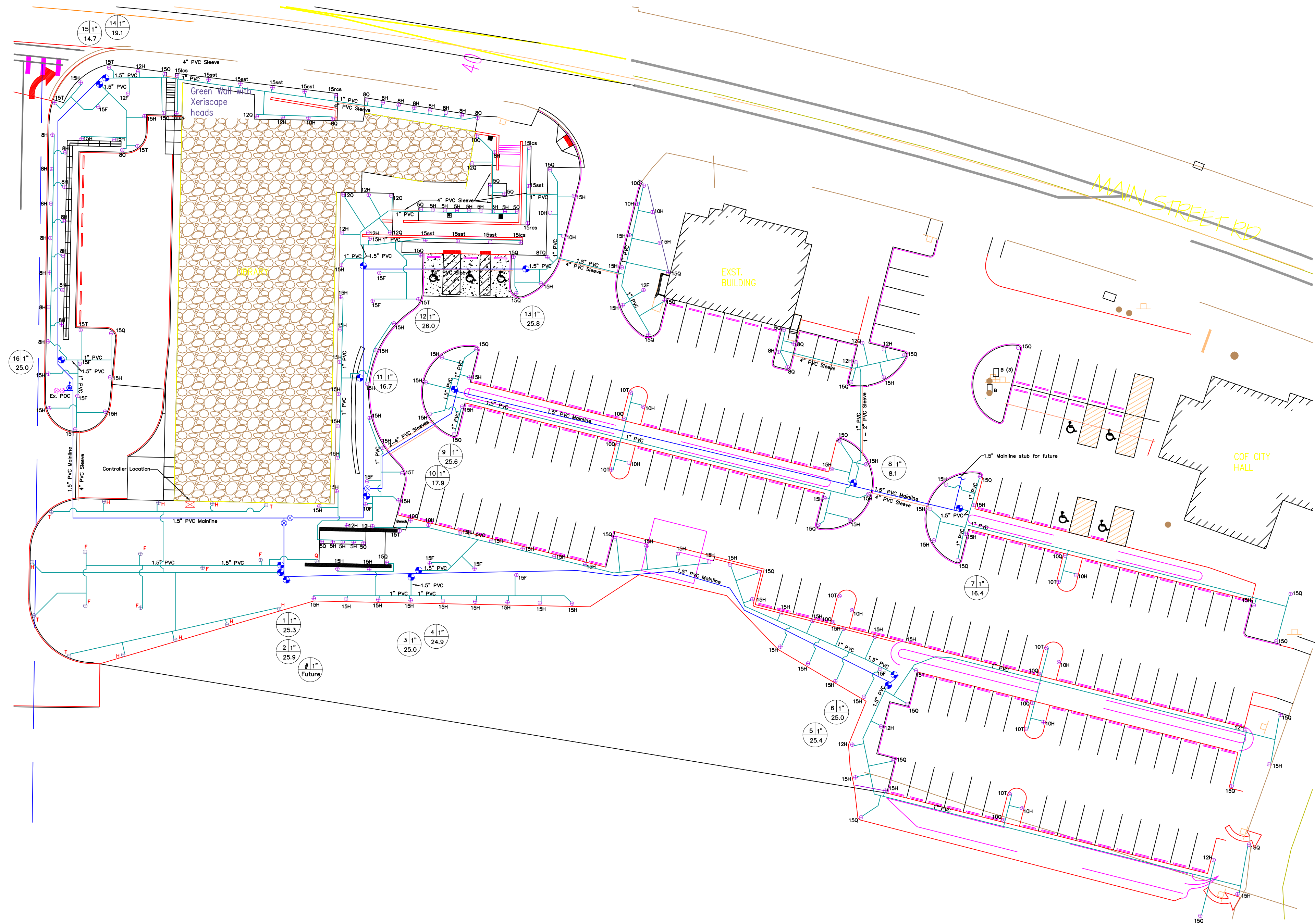
Pipe (Lateral)

Quantity	Symbol	Description
4860		Schedule 40 PVC Pipe - (size as shown)

Pipe (Sleeving)

Quantity	Symbol	Description
380		3034 4" PVC Sewer Pipe - (size as shown) 2x Diameter

- NOTES:
1. Contractor to verify site conditions, psi, and gpm prior to install.
  2. Irrigation design is schematic only, adjust layout to existing field conditions.
  3. Add wire conduit sleeves where necessary.
  4. Contractor to verify POC and Controller locations.
  5. Pipe main and lateral lines shown parallel on drawing may be placed in a common trench.
  6. Do not install system as per plan when site conditions make it obvious not to do so.



SHT. NAME  
**PROPOSED -  
IRRIGATION PLAN**  
FOR:  
**WINDWOOD LANDSCAPE**

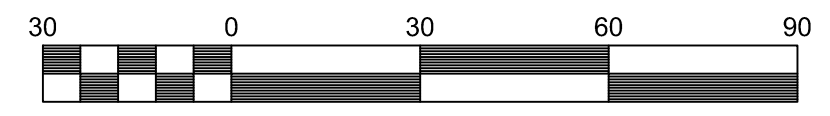
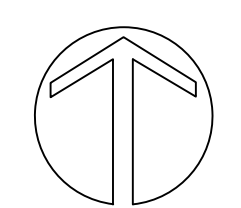
PROJECT  
**FERDALE PUBLIC  
LIBRARY**  
Ferndale, WA 98248

REVISIONS

NO.	DESCRIPTION

DRAWN BY: BLG  
DATE: 01/2014

SHT. NO.



Scale 1" = 30'

