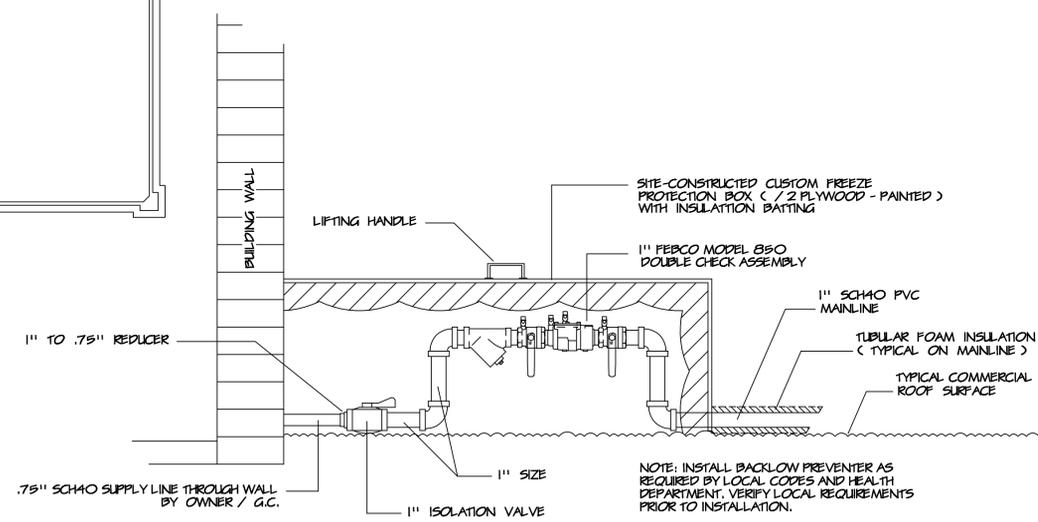
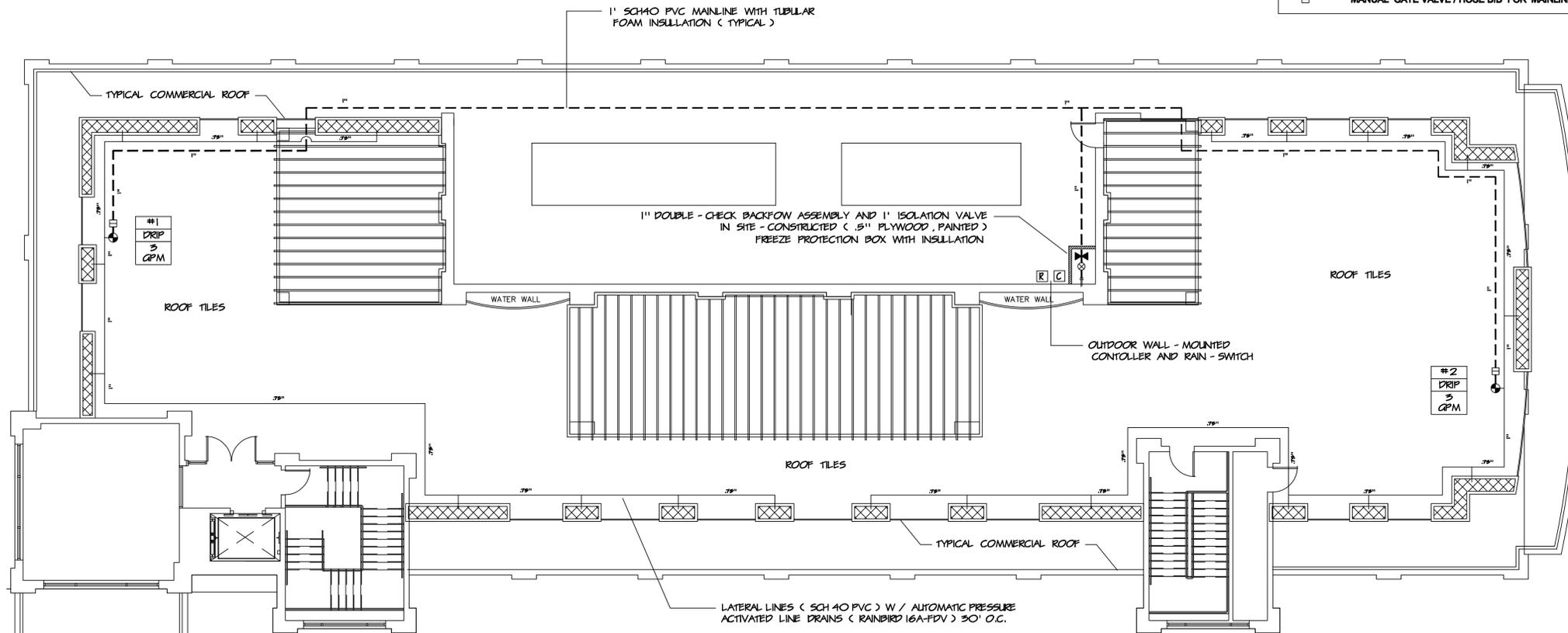


IRRIGATION SPECIFICATIONS :

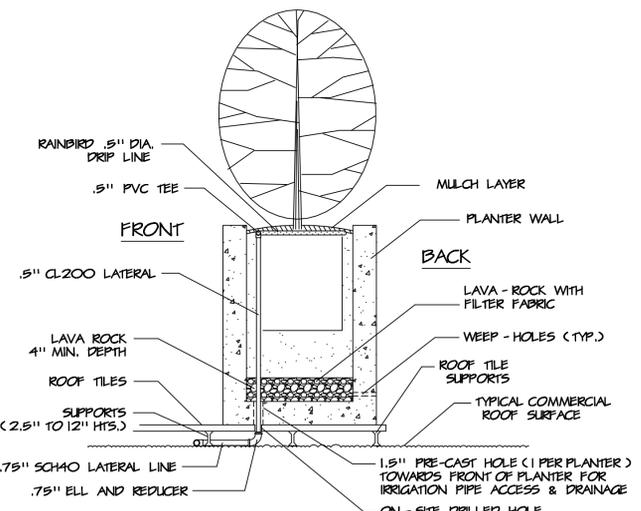
- 1.) General Contractor to provide a capped - off .75" SCH40 water supply at wall in general area indicated on the plan (at least 1.5 I.F.)
- 2.) General Contractor to provide a 110V outlet or junction box for timer / controller at exterior wall in general location shown.
- 3.) All pipe to be SCH40 EXCEPT the .5" pipe which shall be .5" through planter which should be CI 200.
- 4.) All constant pressure lines / mainline to be freeze protected either by foam insulation "tubing" OR on-site constructed box with insulation bedding.
- 5.) Line layout is diagrammatic and should be adjusted in field to accommodate existing conditions, structures, utilities etc.
- 6.) Irrigation Contractor to obtain all necessary irrigation permits and inspections.
- 7.) All irrigation work to conform to local codes and requirements and be installed by a licensed professional.
- 8.) Valve control wires to be 14 LF AWG.
- 9.) All valves to have foam insulation "tubing"!
- 10.) All elbed connections to be primed first with PVC primer. Great care should be taken by installers not to drip blue glue or blue primer onto new concrete work or paving.
- 11.) After all is in place and connected system will be thoroughly flushed without nozzles in heads to remove all dirt and debris from lines. Install nozzles and filters in heads only after adequate flushing has been completed.
- 12.) Test integrity of main line at 100 psi for 4 hours minimum. Adjust all valve flows, nozzles and rotary arcs for optimum coverage / wetting. Coverage may be inspected by Landscape Architect, Owner or Landscape Contractor at their discretion. All shall work together to achieve a good system that will sufficiently water all new plantings and turf.
- 13.) Irrigation Contractor to maintain a clean and safe jobsite at all times. Excess excavated soils, accumulations of trash, pieces of pipe, boxes etc to be removed from jobsite by Irrigation Contractor daily and at the end of the project.
- 14.) The Owner and Landscape Architect reserve the right to inspect the progress of the project and any or all materials being used at any time. Such materials, progress or procedures will be subject to approval or rejection at that time and promptly followed up in writing to all concerned parties.

IRRIGATION SCHEDULE :

| | |
|-----|--|
| | .75" SCH 40 PVC CAPPED - OFF WATER SOURCE BY OWNER / G.C. |
| ⊗ | 1" ISOLATION VALVE |
| ▶ | 1" DOUBLE CHECK BACKFLOW PREVENTER ASSEMBLY (FEBCO BRAND) |
| --- | 1" MAIN LINE (SCH 40 PVC) ALL WRAPPED IN TUBULAR FOAM INSULATION |
| --- | 1" TO .75" LATERAL LINES (SCH 40 PVC) W / AUTOMATIC PRESSURE ACTIVATED LINE DRAINS (RAINBIRD 16A-FDV) 30' O.C. |
| ⊕ | 1" RAINBIRD XCZ-100B ELECTRIC CONTROL VALVE WITH FOAM INSULATION TUBING (2) |
| ⊗ | RAINBIRD XCZ - 09 - 12 DRIP LINE AREA (APPROX 370 L.F. OF LINE) |
| ⊕ | RAINBIRD ESP OUTDOOR MOUNTED 4 STATION AUTOMATIC CONTROLLER |
| ⊕ | HUNTER MINI-CLICK RAIN SWITCH |
| ⊕ | MANUAL GATE VALVE / HOSE BIB FOR MAINLINE DRAINAGE (2) |



A 1" DOUBLE CHECK VALVE ASSEMBLY DETAIL
(NO SCALE)



B PLANTER DETAIL / CROSS - SECTION
(NO SCALE)

C1 ROOFTOP IRRIGATION PLAN
SCALE: 1/8" = 1'
DATE: Jul. 25, 2012

PREPARED BY:
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| | |
|----------------------------|------|
| ISSUED FOR CLIENT APPROVAL | DATE |
| ISSUED FOR BIDDING | |
| ISSUED FOR PERMIT | |
| ISSUED FOR CONSTRUCTION | |

REVISIONS

| MARK | DESCRIPTION | DATE |
|------|------------------|---------|
| | ISSUE FOR PERMIT | 7/25/12 |

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PRINT DATE Jul 25, 2012 - 2:13pm



DRAWING TITLE IRRIGATION PLAN

| | |
|----------------|-----------|
| DRAWN BY DB | SHEET NO. |
| CHECKED BY TB | L-5.0 |
| APPROVED BY TB | |