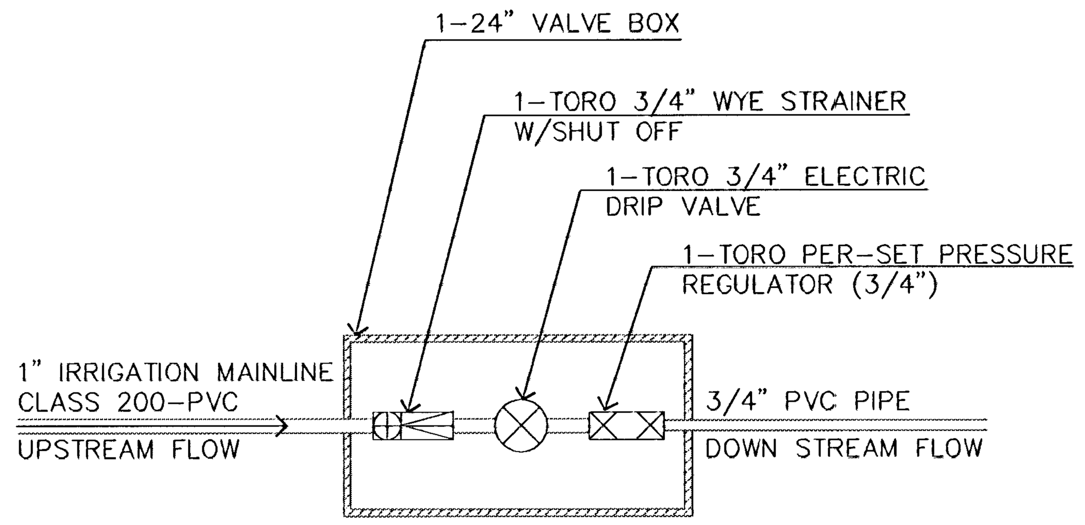


1 VALVE BOX DETAIL
NOT TO SCALE

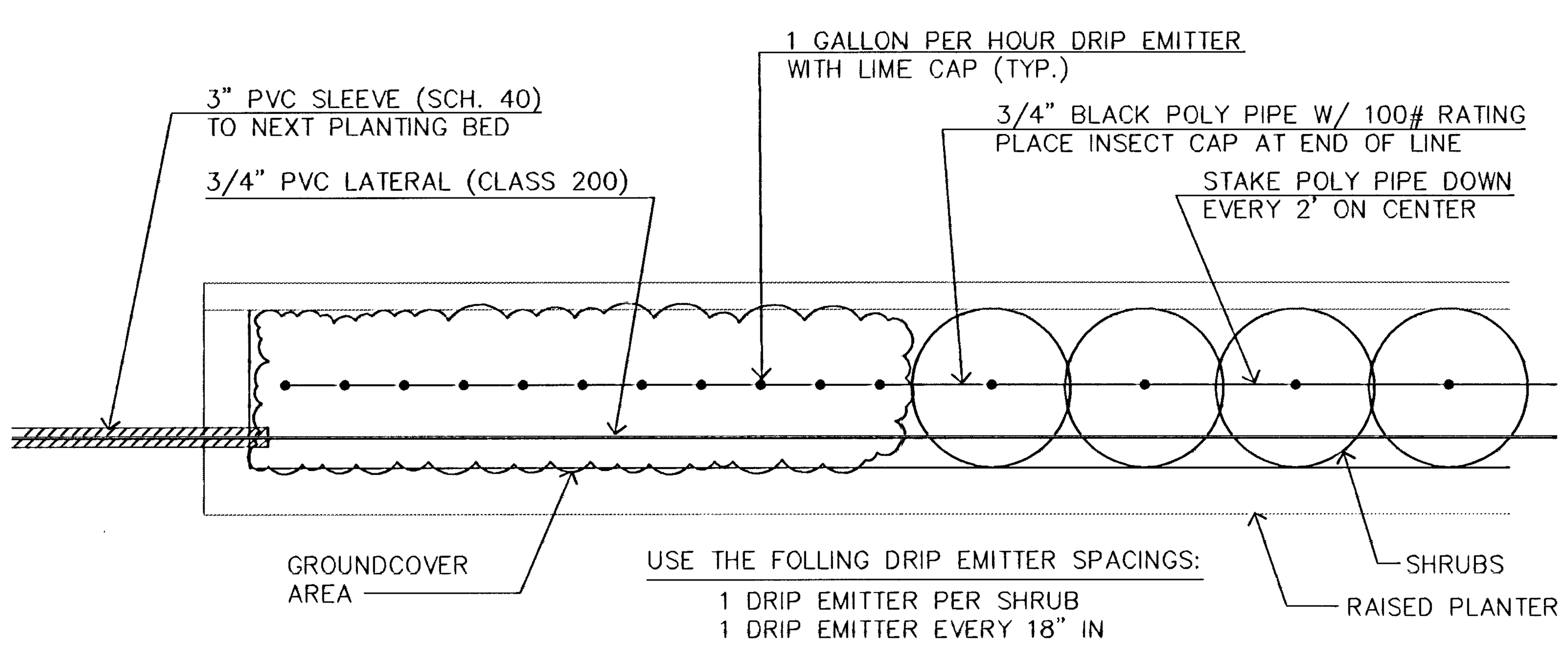
IRRIGATION LEGEND:

- 1" Irrigation Mainline (Class 200 PVC)
- 3/4" Poly Pipe – 100 lb Rating w/1 Gallon Per Hour Drip Emitters (see Drip Emitter Spacing Detail)
- Ⓜ 1" Water Meter
- Ⓑ 1" Double Check Valve Backflow Prevention Device
- ⊠ Drip Valve Box – 24" Size
- #1 Zone #; 3/4 Valve Size; .12 Total GPM's
- 3" PVC Sleeve (Sch. 40)

SRB
Scale: 1" = 20'

IRRIGATION NOTES:

1. Irrigation work shall be installed in complance with all local codes and regulations.
2. Irrigation system has been designed as an automatic drip irrigation system.
3. Contractor shall be responsible for cost and coordination of the required water meter for irrigation system with the City Water Department.
4. Contractor shall use electrical meter that is installed with the site lighting work for irrigation controller, see sheets ?? & ?? for meter location.
5. Contractor shall not install drip irrigation system when any obstructions in the field exist. Contact the Project Engineer for clarification before proceeding around obstructions.
6. In drip irrigation beds smaller than 4' wide contractor shall run a single poly pipe in the center of bed (as shown in detail). In drip irrigation beds wider than 4' contractor shall loop the ply pipe in bed for more adequate water coverage.
7. Contractor shall be responsible for staking the poly pipe down flush with the finish grade. Stakes shall be placed 2' on center.
8. Use the following spacing for the 1 gallon per hour drip emitters:
   - 2 Drip Emitters for every tree
   - 1 Drip Emitter for every shrub
   - 1 Drip Emitter every 18" on center in ground cover beds.
9. The irrigation system is designed with the following equipment:
   - Toro Pressure Vacuum Breaker 1" model #80-0560 (or equal) place in standard city meter box as shown on plans.
   - 1/4" Sniffer Valve (or equal). for blowing out system.
   - Amitek 24" Valve Box (or equal).
   - Toro DF075-080 Wye Strainer w/ Shut-Off (or equal).
   - Toro 264-06-03 Electric Valve (or equal).
   - Toro PRV075HF25 Drip Irrigation Pre-set Pressure Regulator (or equal).
   - Toro PC20 Drip Emitter w/ Lime Cap (or equal).
   - Toro 189-66-01 Vision II Controller w/ Metal Cabinet (or equal).
10. Materials to be submitted as "or equals" shall be approved by the Project Engineer prior to the start of any construction.
11. Contractor to verify exact sleeve locations with the Project Engineer.



2 DRIP EMITTER SPACING DETAIL
NOT TO SCALE

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GossenLivingston

IRRIGATION PLAN MOSLEY						
SRB 841 SOUTH HILLSIDE WICHITA, KANSAS 67211 316-652-7754 FAX 652-7932						
SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING						
PROJECT NUMBER 472-82373						
DRAWN TB	DESIGN TDM	REVIEW TCR	DATE 3/24/94	UTILITY	SRB JOB 70E	DWG. FILE 70E\IR1