

----- 1" Irrigation Mainline
(Class 200 PVC)

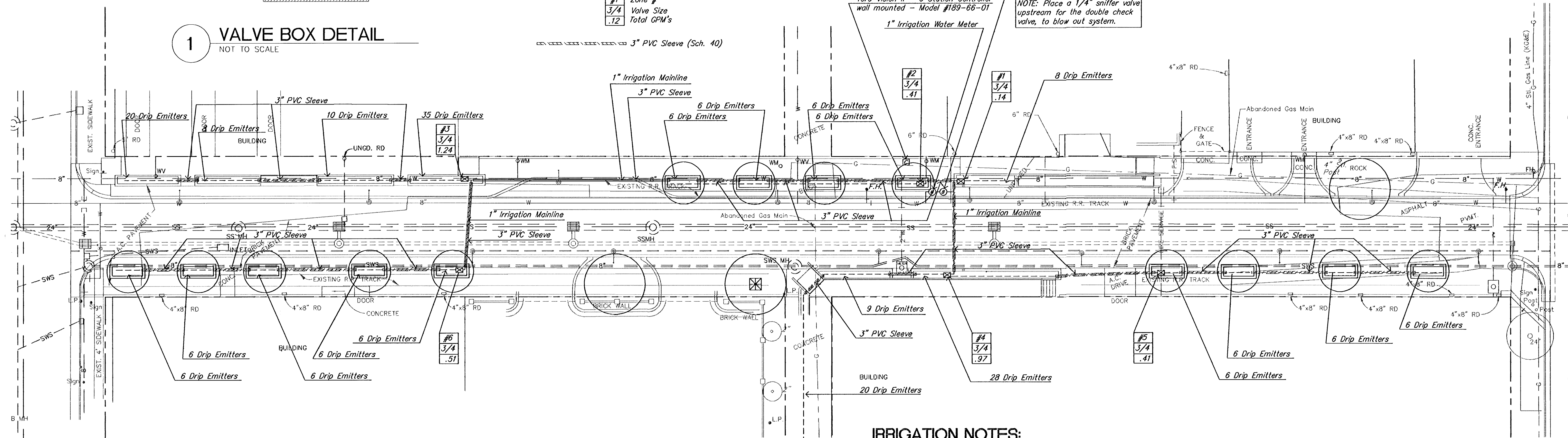
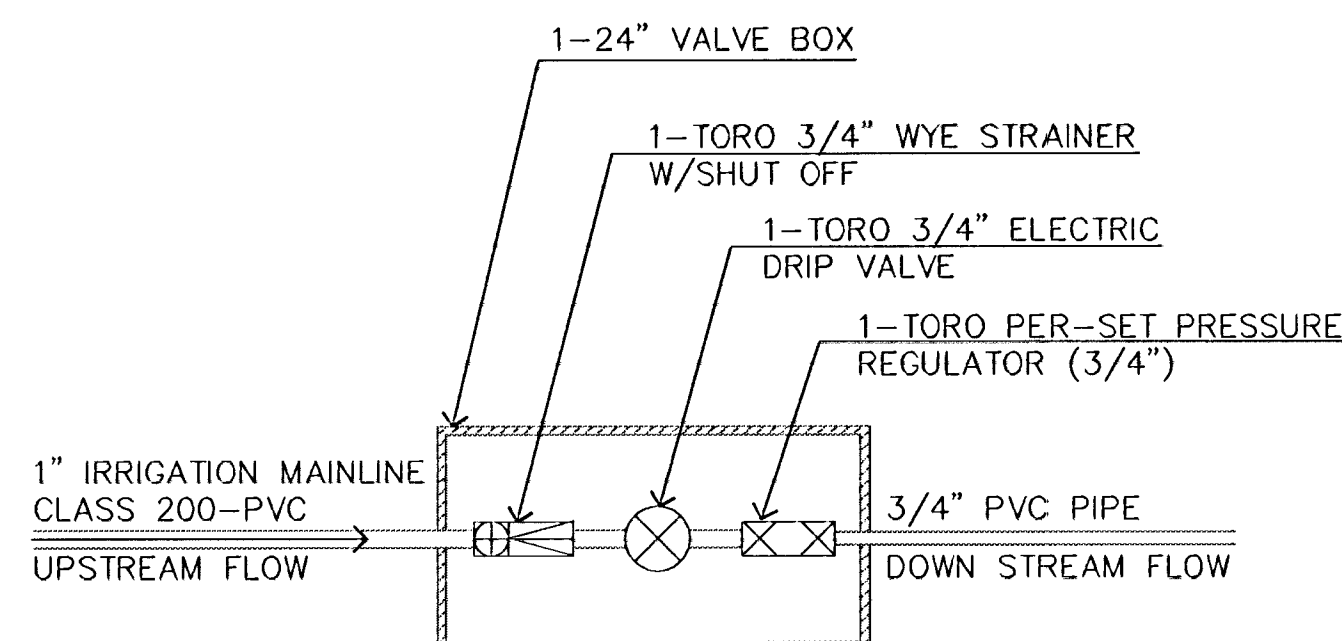
----- 3/4" Poly Pipe - 100 lb Rating
w/1 Gallon Per Hour Drip Emitters
(see Drip Emitter Spacing Detail)

- ☒ 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

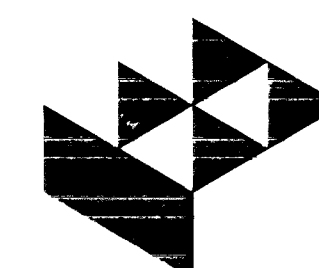
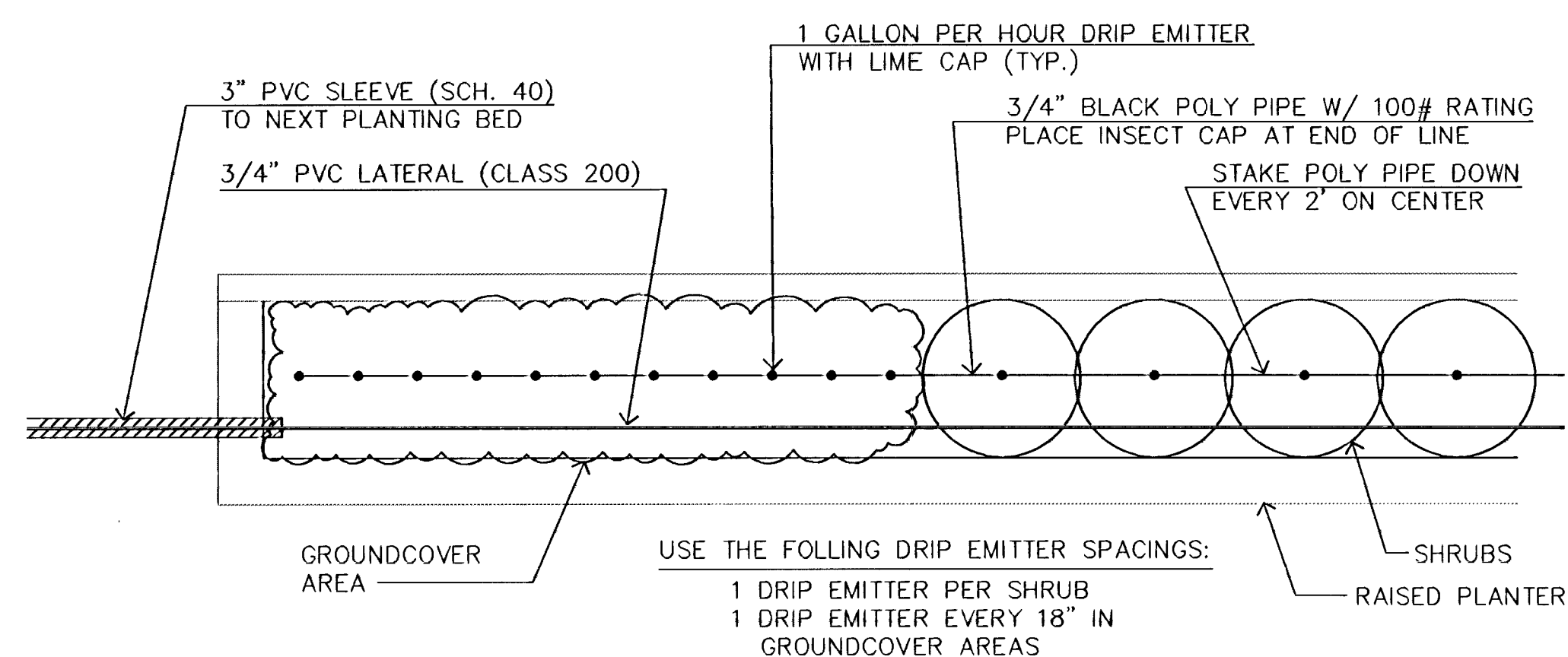
 3" PVC Sleeve (Sch. 40)

NOT TO SCALE



1. Irrigation work shall be installed in compliance 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 poly 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) placed in standard city meter box as shown on plans.
 - 1/4" Sniffer Valve (or equal).
 - for blowing out system.
 - Amitek 24" Valve Box (cr 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.

NOT TO SCALE

**GossenLivingston**

Architecture
420 South Emporia
Wichita, KS 67202
Tel (316) 265-9361
Fax (316) 265-3644

IRRIGATION PLAN
MOSLEY

SRE

841 SOUTH HILLSIDE 316-652-7754
WICHITA, KANSAS 67211 FAX 652-7932

SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

PROJECT NUMBER
472-82373

DRAWN <i>TR</i>	DESIGN <i>TDM</i>	REVIEW <i>TCR</i>	DATE <i>3/24/84</i>	UTILITY	SRB JOB <i>70E</i>
--------------------	----------------------	----------------------	------------------------	---------	-----------------------

WG FILE
70E\IR1