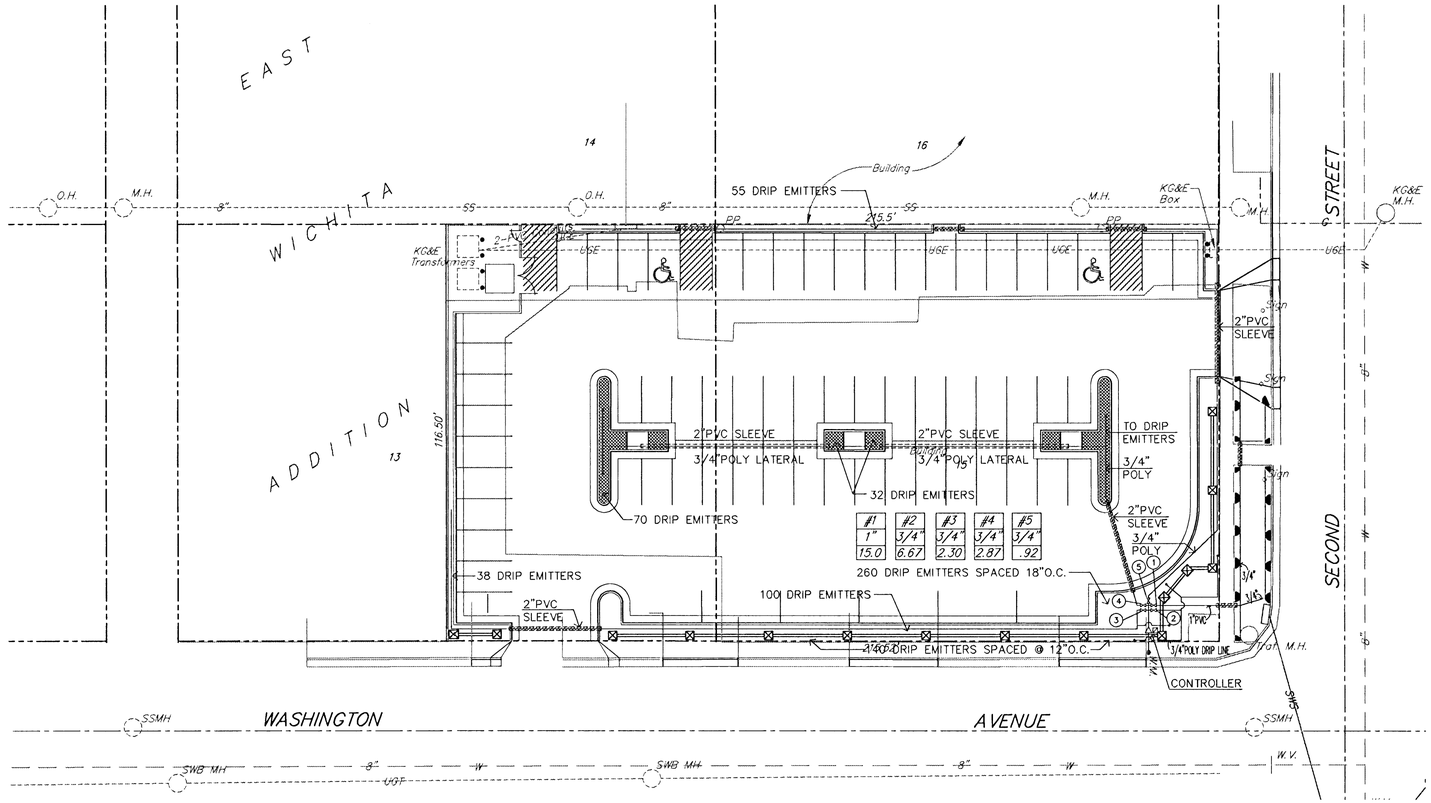


SRB

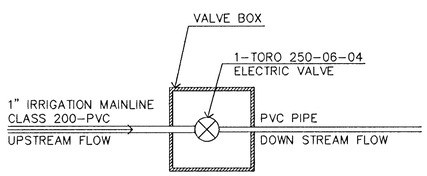
SCALE: 1" = 20'

IRRIGATION LEGEND:

- INDICATES DRIP LINE TO BE CONTINUED AS NECESSARY
- W.M. EXISTING WATER METER
- CONTROLLER AND BACKFLOW PREVENTION DEVICE
- #1 ZONE #
- 3/4 VALVE SIZE
- .12 TOTAL GPM'S
- PVC Sleeve (Sch. 40)
- 1/4 CIRCLE TORO 570-4P W/12Q
- 1/2 CIRCLE TORO 570-4P W/12H

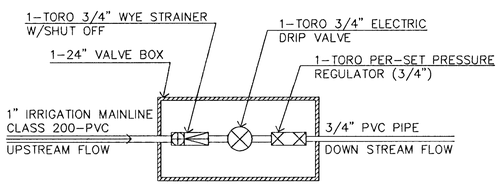
IRRIGATION NOTES:

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 2' WIDE CONTRACTOR SHALL RUN A SINGLE POLY PIPE IN THE CENTER OF BED (AS SHOWN IN DETAIL). IN DRIP IRRIGATION BEDS WIDER THAN 2' 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 3' ON CENTER.
8. USE THE FOLLOWING SPACING FOR THE 1 GALLON PER HOUR DRIP EMITTERS:
   - 1 DRIP EMITTER FOR EVERY SHRUB
   - 1 DRIP EMITTER EVERY 18" ON CENTER IN GROUND COVER BEDS.
   - 1 DRIP EMITTER EVERY 12" ON CENTER IN GROUND COVER BEDS WITH SINGLE ROW
9. THE IRRIGATION SYSTEM IS DESIGNED WITH THE FOLLOWING EQUIPMENT
   - TORO PRESSURE VACUUM BREAKER 1" MODEL #80-0560 (OR EQUAL).
   - 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 PRV075HF45 DRIP IRRIGATION PRE-SET PRESSURE REGULATOR (OR EQUAL).
   - TORO PC10 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.



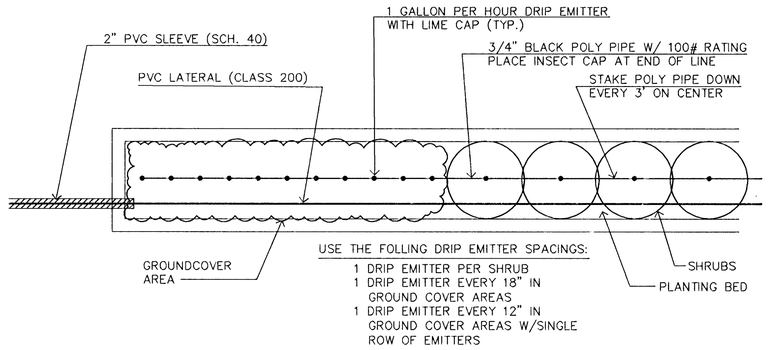
1 VALVE BOX/LAWN AREA

NOT TO SCALE



2 VALVE BOX DRIP ZONES

NOT TO SCALE



3 DRIP EMITTER SPACING DETAIL

NOT TO SCALE

IRRIGATION PLAN

PARKING LOT #10

OLD TOWN PARKING DISTRICT – PARKING LOTS #9 & #10

SRB
841 SOUTH HILLSIDE
WICHITA, KANSAS 67211
316-652-7754
FAX 652-7932
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

REVISED

PROJECT NUMBER

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
T.D. MONTGOMERY	A. CONNER		2-25-94		101E

DWG FILE: 101E\IP2

13

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