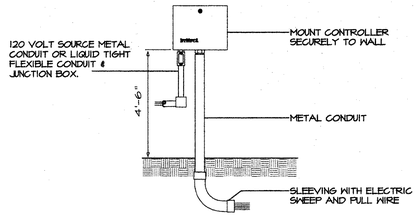
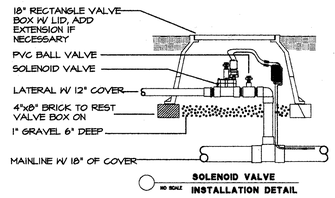
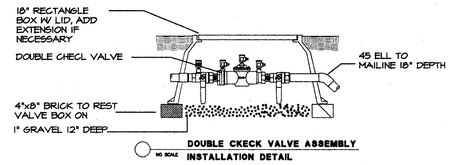


C NO SCALE **WALL MOUNT CONTROLLER INSTALLATION DETAIL**



NO SCALE **SOLENOID VALVE INSTALLATION DETAIL**



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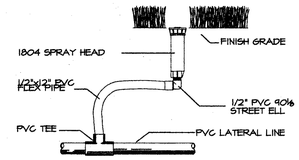

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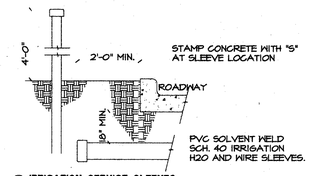
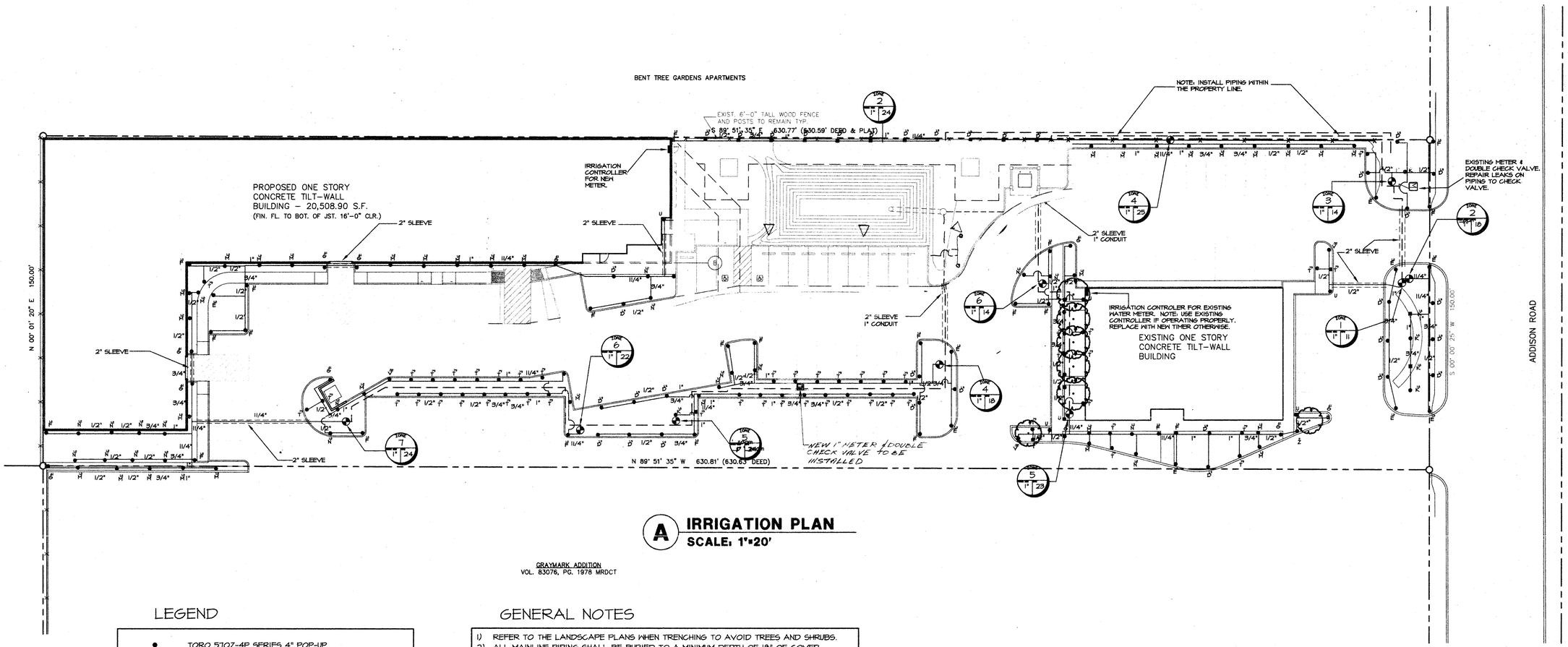


NO SCALE **IRRIGATION SERVICE SLEEVES INSTALLATION DETAIL**



A IRRIGATION PLAN
SCALE: 1"=20'

GRAYMARK ADDITION
VOL. 83076, PG. 1978 MRDCT

LEGEND

- ● TORO 570Z-4P SERIES 4" POP-UP
- ■ TORO 570Z-12P SERIES 12" POP-UP
- ▲ HUNTER PGP-ADJ-OT POP-UP PART CIRCLE ROTOR
- IRRI-TROL 700 SERIES ELECTRIC VALVE SIZED AS SHOWN ON THE PLAN.
- CLASS 200 2 1/2" PVC MAINLINE PIPING
- CLASS 200 PVC LATERAL LINE- SIZE AS SHOWN UNTIL A SMALLER SIZE IS SHOWN.
- PVC SCH. 40 PIPE SLEEVES- SIZE AS SHOWN ON THE DRAWING.
- CONTROLLER-IRRI-TROL RD900-INT-9 STATION WALL MOUNT IRRIGATION CONTROLLER AS SHOWN INSTALL A MINI-CLIK RAIN AND FREEZE SENSOR. GROUND AS RECOMMENDED BY THE MANUFACTURE. SLEEVE TO AS REQUIRED.
- BACKFLOW PREVENTER-3/4" DOUBLE CHECK VALVE TYPE.
- M METER 1"-SYSTEM DEMAND IS 25 GPM AT 60 PSI.

GENERAL NOTES

1) REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS.
2) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
3) ALL POP-UP ROTORS AND SPRAYS SHALL BE INSTALLED USING AN 18" PVC FLEX PIPE CONNECTION. DO NOT USE FUNNY PIPE.
4) ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES & BLDG. WALLS.
5) THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING.
6) ALL CONTROL WIRE SHALL BE UF-14/1 DIRECT BURIAL CABLE, ALL SPLICES SHALL BE MADE USING DBY-3M WATER-PROOF CONNECTORS.
7) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING ON A REPRODUCIBLE PAPER (SEPIA OR MYLAR) SHOWING ALL IRRIGATION INSTALLATION. A MYLAR OR SEPIA OF THE ORIGINAL PLAN MAYBE OBTAINED FROM THE LANDSCAPE ARCHITECT FOR A FEE. THE DRAWING SHALL LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES.
8) ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES.
9) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS.
10) ALL RISERS SHALL BE INSTALLED 12" FROM ANY WALL AND A MINIMUM OF 12' FROM ANY SIDEWALK, PATIO OR ROAD.
11) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT IN THE FIELD.
12) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY HIS WORK.
13) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP.
14) ELECTRICAL SERVICE TO ALL EQUIPMENT SHALL BE PROVIDED TO A JUNCTION BOX AT THE EQUIPMENT LOCATION BY OTHERS.

NOZZLE CHART

LETTER	MODEL	GMP AT 30 PSI	RADIUS	PATTERN
A	15-F	3.6	15'	FULL
B	15-TQ	2.6	15'	THREE QTR.
C	15-TT	2.2	15'	TWO THIRD
D	15-H	1.65	15'	HALF
E	15-T	1.1	15'	ONE THIRD
F	15-Q	.85	15'	QUARTER
G	4-EST	.45	4' X 15'	END STRIP
H	4-CST	.90	4' X 30'	CENTER STRIP
J	5B-2-180	.86	5'	STRIP BUBBLER
K	12-F	2.19	12'	FULL
L	4-SST	1.2	4' X18'	SIDE STRIP
M	4-SST	.90	4' X 30'	SIDE STRIP
N	12-H	1.09	12'	LOW GALLONAGE
P	12-T	.72	12'	LOW ONE THIRD
R	12-Q	.50	12'	LOW QUARTER
S	10-F	1.44	10'	FULL
T	10-H	.71	10'	HALF
U	10-Q	.30	10'	QUARTER
V	10-T	.52	10'	ONE THIRD
W	8-F	.30	8'	FULL
X	8-H	.50	8'	HALF
Y	8-T	.30	8'	ONE THIRD
Z	V-15	VARIES	15'	ADJUSTABLE

AS - BUILT DRAWING
DATE: 8-23-01
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JOB: 8396	DATE: 6/22/98
DRAWN:	CHECKED:

Issued / Revised

Date	
11.1.99	TDLR

SHEET DESCRIPTION
IRRIGATION PLAN

L-2

DAVID C. BALDWIN, INC. FILE
Drawing: 8396-IR Drawn By: M. Dunnavant
Date: 6/22/1998 Scale: 1.0000=20.0000