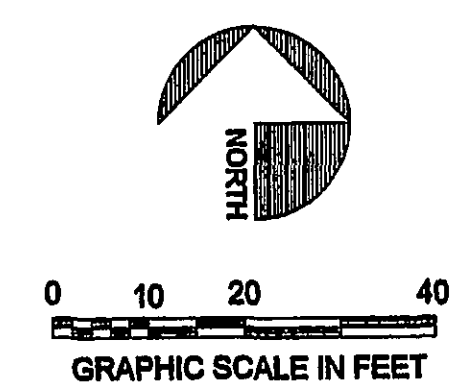


IRRIGATION LEGEND		
[M]	1" IRRIGATION METER	PROVIDED BY THE GENERAL CONTRACTOR
[S]	1" MANUAL SHUTOFF VALVE	(1 REQUIRED)
[BP]	RPZ BACKFLOW PREVENTOR	PROVIDED BY THE GENERAL CONTRACTOR
[PR]	1" PRESSURE REGULATOR	TORO PRV-150-HR-35 or EQUAL
[EV]	1" ELECTRICAL MASTER VALVE	(1 REQUIRED)
[SS]	SIDE STRIP SPRAY HEAD	TORO 570-4-SST or EQUAL
[ES]	END STRIP SPRAY HEAD	TORO 570-4-EST or EQUAL
[360]	360 SPRAY HEAD - 10' RADIUS	TORO 570-10-F or EQUAL
[270]	270 SPRAY HEAD - 10' RADIUS	TORO 570-10-TQ or EQUAL
[180]	180 SPRAY HEAD - 10' RADIUS	TORO 570-10-H or EQUAL
[90]	90 SPRAY HEAD - 10' RADIUS	TORO 570-10-Q or EQUAL
[VARIABLE]	VARIABLE SPRAY HEAD	TORO 570-V-15 or EQUAL
[360-15]	360 SPRAY HEAD - 15' RADIUS	TORO 570-15-F or EQUAL
[270-15]	270 SPRAY HEAD - 15' RADIUS	TORO 570-15-TQ or EQUAL
[180-15]	180 SPRAY HEAD - 15' RADIUS	TORO 570-15-H or EQUAL
[90-15]	90 SPRAY HEAD - 15' RADIUS	TORO 570-15-Q or EQUAL
[340]	340 SERIES ROTOR	TORO 340-00-15 (ADJ) or EQUAL
[EVALVE]	1" ELECTRIC VALVE	TORO 262-08-04 (7 REQUIRED)
[CONTROLLER]	AUTOMATIC CONTROLLER	RAINBIRD ESP-12C or EQUAL 7 STATIONS
[RAINSensor]	RAIN SENSOR	TORO 850-74
[PIPE]	CLASS 200 PVC IRRIGATION PIPE AND FITTINGS	1" PIPE unless otherwise indicated on drawing
[SLEEVE]	4" CLASS 200 PVC SLEEVE UNDER PAVEMENT	1.5" main line
		Installation of sleeves by contractor in location as shown on plan

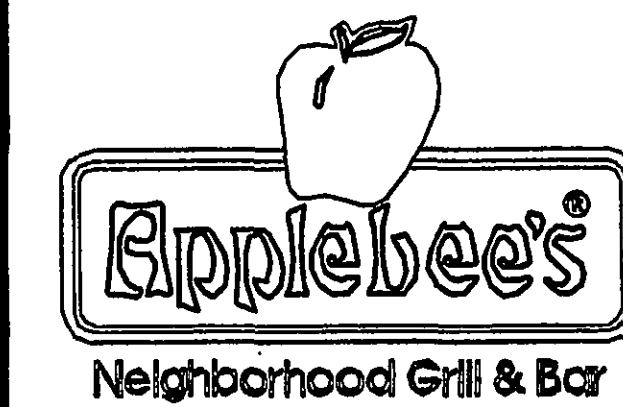
- IRRIGATION NOTES:**
- IRRIGATION CONTRACTOR TO LOCATE AND PROTECT ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 - ALL VALVES TO BE LOCATED IN VALVE BOX WITH COVER AT GRADE. LOCATE BOX IN GRASS AREA WHEN POSSIBLE.
 - AUTOMATIC CONTROLLER AND RAIN SENSOR TO BE LOCATED IN THE MECHANICAL ROOM AND TRASH ENCLOSURE RESPECTIVELY.
 - 60 PSI REQUIRED PER ROTOR STATION. 40 PSI REQUIRED PER SPRAY STATION. FLOW ADJUSTMENTS CAN BE MADE AT THE ZONE'S VALVE TO COMPENSATE DIFFERENCE IN PSI. PRESSURE REGULATOR REQUIRED BY LOCAL CODE IF STATIC WATER PRESSURE AT POINT OF CONNECTION FOR SITE IS GREATER THAN 80 PSI.
 - 4" CLASS 200 PVC SLEEVES TO BE LOCATED AS SHOWN ON DRAWING. EXTEND SLEEVE 18" BEYOND BACK OF CURB OR PAVEMENT. SLEEVES TO BE LOCATED AND EXPOSED BY THE GENERAL CONTRACTOR PRIOR TO START OF IRRIGATION INSTALLATION.
 - POP-UP HEIGHT OF SPRAY HEADS TO BE AS FOLLOWS: 4" IN TURF ZONES, 6" IN SHRUB ZONES, AND 12" IN SEASONAL/COLOR BEDS. ROTOR HEIGHT TO BE 4". NOZZLE SIZE IS INDICATED ON DRAWING.
 - ALL PIPES, AUTOMATIC VALVES, BACKFLOW PREVENTOR, MANUAL VALVE AND METER TO BE LOCATED WITHIN PROPERTY LINES. SHOWN OUTSIDE ON DRAWING FOR CLARITY ONLY. IRRIGATION METER AND BACKFLOW PREVENTOR TO BE PROVIDED BY THE GENERAL CONTRACTOR.
 - ALL 1.5" MAIN LINES TO HAVE A MINIMUM OF 18" COVER (CLASS 200 PVC PIPE).
 - ALL LATERAL AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" AND A MAXIMUM OF 18" COVER.
 - NO ROCKS, BOULDERS, OR OTHER EXTRANEEOUS MATERIALS TO BE USED IN BACKFILLING TRENCHES.
 - ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.
 - ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
 - ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
 - AN APPROVED EQUAL PRODUCT MAY BE SUBSTITUTED FOR THE SPECIFIED PRODUCT ON THIS DRAWING.
 - EACH IRRIGATION ZONE WILL HAVE A RUN TIME OF APPROXIMATELY 10 MINUTES FOR 3 DAYS A WEEK.
 - IRRIGATION CONTRACTOR SHALL TEST WATER PRESSURE PRIOR TO INSTALLATION AND NOTIFY THE APPLEBEE'S CONSTRUCTION MANAGER IMMEDIATELY IF PRESSURE IS NOT SUFFICIENT. A BOOSTER PUMP MAY BE NECESSARY TO REACH DESIRED WATER PRESSURE.

IRRIGATION ZONES		
1.....	19.25	GPM
2.....	24.07	GPM
3.....	18.85	GPM
4.....	18.89	GPM
5.....	23.65	GPM
6.....	13.07	GPM
7.....	18.78	GPM



IRRIGATION PLAN

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Roanoke, VA

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March 6, 2006

WVWA ID# 6PAL88