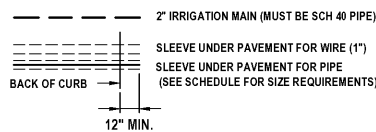
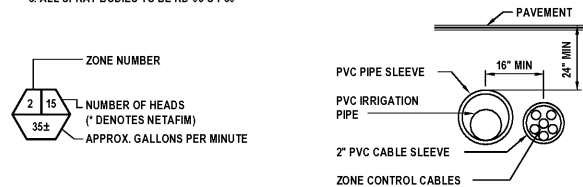


IRRIGATION LEGEND (USE THE FOLLOWING IRRIGATION EQUIPMENT OR EQUAL)

RAINBIRD	FLOW RATE (GPM)	FLOW RATE (GPM)
ADJUSTABLE 15' RADIUS	VARIABLES	15' EST 0.61
QUARTER	0.92	15' SST 1.21
HALF	1.85	9' SST 1.73
THREE QUARTER	2.78	15' CST 1.21
FULL	3.70	

- NOTES:
 1. ALL HEADS MUST BE PRESSURE COMPENSATION BODIES WITH PRS
 2. ALL BODIES TO BE 6" POP-UP
 3. ALL SPRAY BODIES TO BE RD-06-S-P30

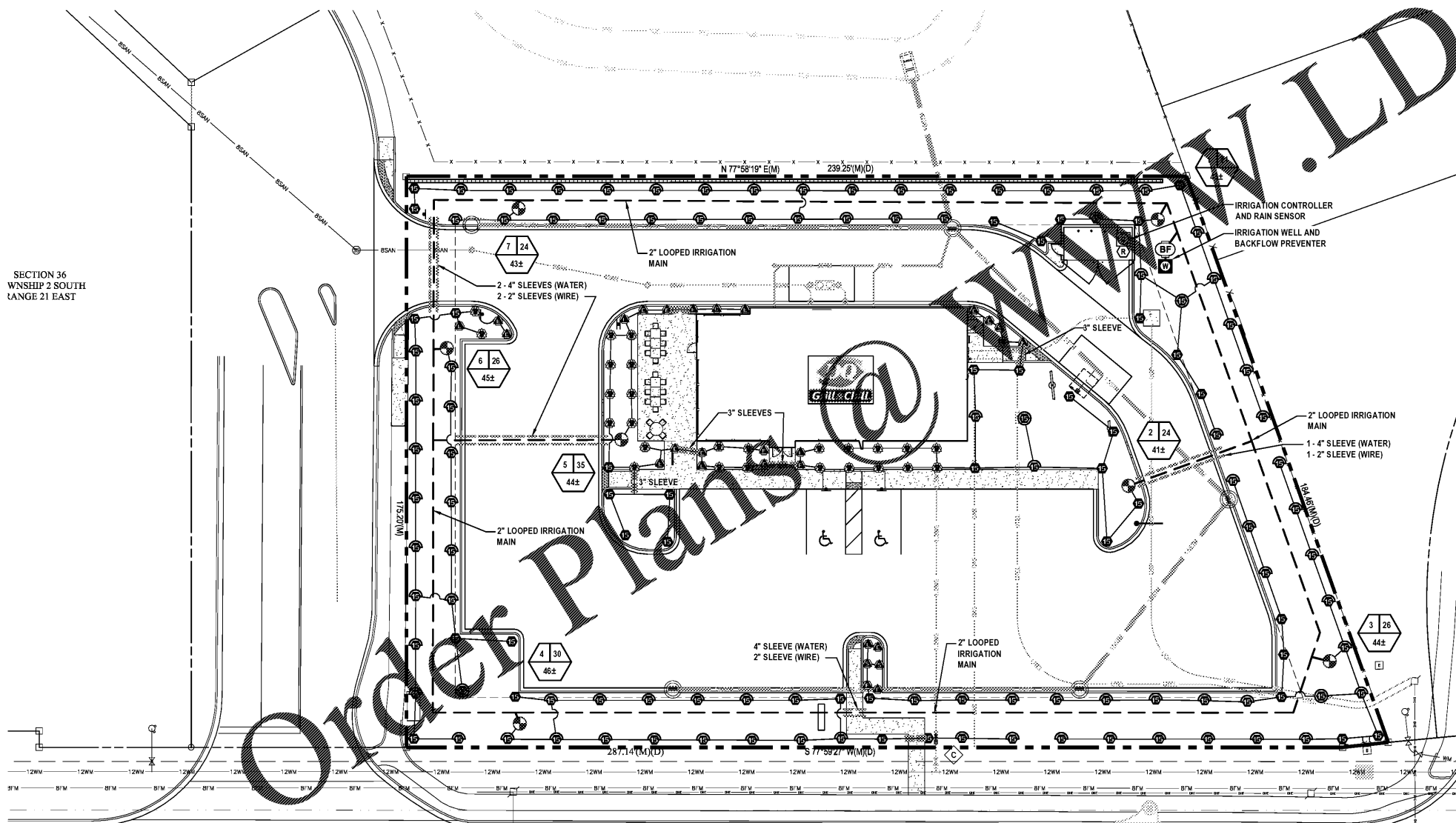


- RAIN BIRD ESP4ME: 4 STATION OUTDOOR MOUNT, 1 ESPM3: 3 STATION MODULE
- RAIN SENSOR SHUTOFF (ON ROOF)
- 2" BACKFLOW PREVENTER
- 4" DEEP WELL WITH SUBMERGED PUMP (MUST PROVIDE 60 GPM @ 60 PSI @ HEAD)
- ZONE CONTROL VALVE 200-PEB-2" (2" ANGLE- PRESSURE REDUCING)

PIPE SIZING INFORMATION

GALLONS PER MINUTE (GPM)	PIPE SIZE	PIPE SLEEVE SCHEDULE
0-6	1/2"	PIPE SIZE SLEEVE SIZE
7-10	3/4"	2 1/2" 6"
11-16	1"	1" THRU 2" 4"
17-28	1 1/4"	1 1/2" AND 3/4" 2"
29-35	1 1/2"	
35-55	2"	

NOTE:
 AT THE DISCRETION OF THE IRRIGATION CONTRACTOR, THE DIAMETER OF THE SLEEVE PIPE MAY BE REDUCED.



SECTION 36
 WNSHIP 2 SOUTH
 RANGE 21 EAST

IRRIGATION NOTES:

- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL EXISTING UTILITIES AND CONDITIONS PRIOR TO ITS COMMENCEMENT OF THE IRRIGATION WORK.
- CHECK PRESSURE AND GPM OF WATER SUPPLY BEFORE BEGINNING JOB AND REPORT FINDING TO LANDSCAPE ARCHITECT. LANDSCAPE ARCHITECT WILL MAKE ANY ADJUSTMENT NECESSARY TO MAKE SYSTEM WORK AT ITS BEST.
- THE PLAN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL INSTALL PIPING IN A MINIMUM NUMBER OF TRENCHES AND SHALL INSTALL PIPE IN A MINIMUM LENGTH.
- QUANTITIES FOR IRRIGATION MATERIALS ARE NOT GIVEN. THE CONTRACTOR SHALL DETERMINE THIS FROM THE PLAN.
- INSTALL SLEEVE PIPING WHERE SHOWN ON THE DRAWINGS AT THE PROPER DEPTH.
- ALL SLEEVE PIPE SHALL BE SCHEDULE 40 PVC PIPE INSTALLED A MINIMUM OF 12" BELOW FINISHED PAVING GRADES.
- ALL SLEEVES WHEN PLACED IN FIELD ARE TO BE LOCATED BY A 1" RIGID PIPE AT EACH END AND LOCATED FROM TWO STATIONARY POINTS BY TAPE MEASUREMENTS.
- ALL PIPE SHALL BE INSTALLED A MINIMUM OF 20" BELOW GRADE.
- ALL TRENCHING SHALL BE KEPT OUT OF THE DRIP LINE AREA OF ALL EXISTING TREES. USE RADIAL LINES OR TUNNELING WHEN NECESSARY TO ENTER INTO THE DRIP LINE AREA OF TREES.
- LOCATE ALL VALVES AND OTHER IRRIGATION EQUIPMENT IN PLANT BED AREAS WITHIN THE PROJECT LIMITS FOR CONCEALMENT PURPOSES.
- RISERS ARE TO BE HIDDEN COMPLETELY IN SHRUBBERY OR PAINTED BLACK AND IN NO CASE BE HIGHER THAN THE SURFACE WHEN INSTALLED.
- ALL PIPE EXPOSED ABOVE GRADE AND TO VIEW SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE OF THE NOTED SIZE.
- ALL IRRIGATION EQUIPMENT (PUMP, CONTROLLER, ETC.) SHALL BE PLACED WITHIN FENCED ENCLOSURE.
- ALL VALVES SHALL BE INSTALLED IN METER TYPE SIZE BOXES EQUAL TO AMETEK POLY-IRON.
- PROVIDE A 6" GRAVEL SUMP AT THE BOTTOM OF ALL METER BOXES AND INSTALL 1/2" TO 1" DIAMETER GRAVEL AT THE BOTTOM OF THE VALVE PIT.
- IRRIGATION SHALL MEET ALL APPLICABLE CURRENT MUNICIPAL, COUNTY, STATE OR FEDERAL CODES, ORDINANCES AND REGULATIONS THAT HAVE JURISDICTION.
- ALL PIPE 1/2" TO 2 1/2" IN SIZE SHALL BE PRESSURE RATED 160 PVC (EXCEPT MAIN).
- ALL FITTINGS SHALL BE SCHEDULE 40 PVC.
- ALL SPRAY HEADS ARE TO BE A MINIMUM OF 6" POP-UP AND ALL HEADS IN PLANTING AREAS TO BE 12" POP-UP OR RISERS. RISERS SHALL BE PAINTED GREEN OR BLACK.
- ELECTRICAL TO CONTROLLER SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR (NOT IRRIGATION CONTRACTOR).
- PURPLE IRRIGATION EQUIPMENT MUST BE USED FOR ALL IRRIGATION IF REUSE WATER IS BEING USED.

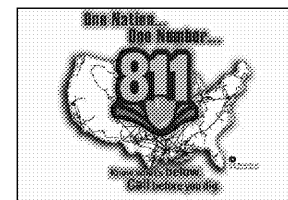
GENERAL NOTES:

- THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH THE CITY AND COUNTY WATER WISE ORDINANCE REQUIREMENTS. THE IRRIGATION CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IF THERE ARE ANY DEVIATIONS TO THE DRAWING.
- IRRIGATION LINES ARE SHOWN DIAGRAMMATICALLY AND ARE INTENDED TO SHOW DISTRIBUTION ZONES ONLY. ALL VALVES SHALL BE LOCATED WITHIN PLANTING AREAS (NOT WITHIN PAVEMENT). LINES LOCATED UNDER PAVEMENT SHALL BE KEPT TO A MINIMUM AND ALL PIPING UNDER PAVED AREAS SHALL BE SLEEVED.
- WHEN INSTALLING IRRIGATION PIPING IN ISLAND AND OTHER NARROW PLANTING AREAS RUN PIPING CLOSE TO CURB AND NOT DOWN THE MIDDLE OF THE PLANTING AREA. (BEFORE DOING IRRIGATION GET A COPY OF THE LANDSCAPE PLAN AND KEEP IRRIGATION LINES OUT OF PLANTING AREAS WHERE POSSIBLE.)
- NO SIGNIFICANT IRRIGATION OVERTHROW SHALL BE ALLOWED ONTO IMPERVIOUS SURFACES.
- 25% OF IRRIGATION IS LOW VOLUME.
- IRRIGATION HEADS CAN BE INSTALLED NO CLOSER THAN 12" FROM BUILDING FOUNDATION

WELL NOTES:

- 4" DIAMETER DEEP WELL
- PUMP & WELL MUST PROVIDE A MINIMUM OF 60 GALLONS PER MINUTE @ 50 PSI AT HEADS.
- GROUNDWATER SOURCE SHALL BE FREE OF STAIN PRODUCING IRON MINERALS.
- SCREEN WELL AND BACKFLOW PREVENTER WITH VIBURNUM HEDGE.

U.S. HIGHWAY 90/ STATE ROAD 10
 (VARIABLE RW)/SPEED LIMIT 45 MPH



WARNING !!

CONTRACTOR SHALL TAKE ALL PRECAUTIONS DURING CONSTRUCTION TO AVOID CONTACT WITH EXISTING UNDERGROUND UTILITIES, GAS MAINS AND OVERHEAD ELECTRIC IN THE RIGHT-OF-WAY.

REVISIONS

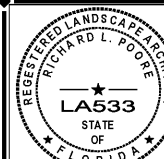
DATE	DESCRIPTION

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IRRIGATION PLAN
 DAIRY QUEEN
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RICHARD L. POORE, L.A. # LA533

PROJECT No: 2020-307

DATE: DECEMBER 2020

DESIGN BY: [RLP]

DRAWN BY: BWV

CHECKED BY: HHN

SCALE: 1" = 20'

DRAWING NUMBER

L2