

- ### IRRIGATION NOTES
- GENERAL:**
1. AN AUTOMATIC IRRIGATION SHALL BE PROVIDED AS INDICATED ON THE PLAN. IRRIGATION DESIGN IS FOR GRAPHIC PURPOSES ONLY. INSTALL SYSTEM COMPONENTS INDICATED IN HARDSCAPE AREAS IN ADJACENT LANDSCAPE AREAS.
 2. 10 DAYS PRIOR TO BEGINNING WORK I.L.C. TO CONFIRM THE STATIC WATER PRESSURE OF A MIN. OF 65 PSI. IF STATIC PRESSURE IS LESS THAN 65 PSI, ADJUSTMENTS IN THE PLAN WILL BE REQUIRED TO ACCOMMODATE THE EXISTING PRESSURES.
 3. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE PROPER ARC AND RADIUS FOR EACH NOZZLE TO INSURE 100% COVERAGE OF ALL REQUIRED AREAS. PROVIDE NOZZLES AND HEAD PLACEMENTS TO MINIMIZE WATER BEING DIRECTLY SPRAYED INTO STREETS OR PARKING AREAS OR ONTO BUILDINGS, FENCES AND OTHER STRUCTURES.
 4. THE IRRIGATION CONTRACTOR SHALL COORDINATE INSTALLATION OF THE SYSTEM WITH THE LANDSCAPE CONTRACTOR SO THAT ALL PLANT MATERIALS WILL BE WATERED IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS.
 5. SLEEVES - SCHEDULE 40 PVC PIPE SLEEVES FOR PIPE AND WIRING SHALL BE PROVIDED AS SHOWN ON THE PLANS. SLEEVES SHALL BE INSTALLED 24" BELOW FINISH GRADE OF THE PAVEMENT, EXTEND 24" BEYOND THE EDGE OF THE PAVEMENT, AND, LOCATIONS TO BE FLAGGED WITH 2" PVC PIPE EXTENDED 24" ABOVE FINISH GRADE. COORDINATE INSTALLATION OF THE SLEEVES WITH THE PAVEMENT CONTRACTOR.
 6. IRRIGATION CONTRACTOR TO BE PROVIDED WITH THE REQUIRED METER(S) AND GATE VALVE(S) LOCATED IN A CONCRETE BOX. IRRIGATION CONTRACTOR SHALL PROVIDE THE SPRINKLER SYSTEM BEGINNING AT THE INSTALLATION OF THE BACKFLOW PREVENTER.
 7. 110V. ELECTRICAL POWER CIRCUITS SHALL BE PROVIDED FOR THE IRRIGATION CONTRACTOR AT THE LOCATION REQUIRED. IRRIGATION CONTRACTOR SHALL PROVIDE OTHER EQUIPMENT AND CONNECTIONS NECESSARY FOR THE REQUIRED CONTROLLER. ELECTRICAL COMPONENTS SHALL BE DIRECT WIRING INTO JUNCTION BOXES. PROVIDE COMPLETE INSTALLATION OF THE RAIN/FREEZE SENSORS.
 8. 24 V. WIRING TO BE MINIMUM 14 GA., SINGLE STRAND 4/64" INSULATION WITH 3M DBY SPLICES. SPLICES NOT MADE AT THE VALVE OR CONTROLLER TO BE IN A 10" RND. VALVE BOX. ALL WIRING TO BE PROVIDED WITH ONE COMMON WIRE (WHITE) AND INDIVIDUAL WIRES TO VALVES (RED).
 9. LATERAL LINES TO BE INSTALLED AT A MINIMUM OF 12" COVER. MAINLINES TO HAVE MIN. 18" COVER.
 10. INSTALL ALL VALVE IN 10" ROUND VALVE BOXES (COVERED) WITH 6" PEA GRAVEL IN BOTTOM.
 11. ALL POP UP SPRAY HEADS TO BE INSTALLED ON 6" X 1/2" CUT-OFF POLY NIPPLES.
 12. ALL SPRAY HEADS TO BE A MINIMUM OF 2" FROM CURBS AND SIDEWALKS.
 13. I.L.C. IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING THE WORK WITH THE GENERAL CONTRACTOR TO HAVE UNDERGROUND UTILITIES LOCATED.

IRRIGATION LEGEND

- VALVE NUMBER
- GALLONS PER MINUTE
- VALVE SIZE
- ➔ QUICK COUPLER VALVE
- ☑ CONTROLLER RAINBIRD ESP
- Ⓡ FREEZE-STAT AND RAIN-STAT
- POP-UP SPRAY HEAD (LAWN)
- SPRAY HEAD ON COPPER RISER
- ⊗ HIGH-POP SPRAY HEAD
- END STRIP SPRAY HEAD
- CENTER STRIP SPRAY HEAD
- ⊙ PART CIRCLE ROTARY HEAD - PGP#3 NOZZLE
- ⊕ PART CIRCLE ROTARY HEAD - PGP#6 NOZZLE
- ⊗ FULL CIRCLE ROTARY HEAD - PGP#9 NOZZLE
- ⚡ ELECTRIC VALVE
- ⓧ 1.5" DOUBLE CHECK VALVE
- MAIN LINE - CLASS 200 PVC
- LATERAL LINES - CLASS 200 PVC

PIPE SIZES	
PIPE SIZE	UP TO GALLONS PER MINUTE
1/2"	4
3/4"	12
1"	20
1.25"	35
1.5"	50
2"	50+

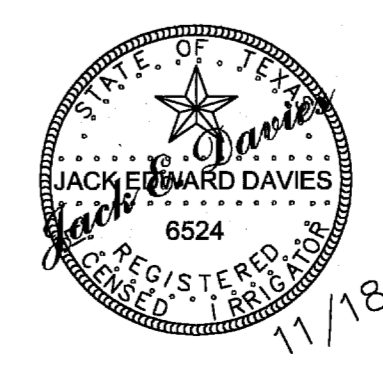
VELOCITIES SHALL NOT EXCEED 5 FPS.

Revision Log		
No.	Date	Description

FRITO LAY NORTH AMERICA
CORPORATE HANGER
AIRPORT PARKWAY
ADDISON AIRPORT

Parkway Landscape, Inc.
LANDSCAPE ARCHITECTURE

1 IRRIGATION PLAN
SCALE: 1" = 20'



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