

SPRINKLER SCHEDULE		RAINFIRE OR EQUAL						
HEAD MARK	LINE TYPE	TYPE	PATTERN	RADIUS	QPM	NOZZLE	HEI	ADAPTER
A	1/2"	POP-UP	HALF CIRC	5'	70	B12H	18"	--
B	1/2"	POP-UP	QUAR CIRC	5'	35	B12C	18"	--
C	1/2"	POP-UP	END STRIP	5'x10'	42	B155ST	18"	--
D	1/2"	POP-UP	HALF CIRC	6'	95	B80-FL1	18"	A-85
E	1/2"	POP-UP	QUAR CIRC	6'	47	B80-FL1	18"	A-85
F	1/2"	RISER/2"	HALF CIRC	5'	70	B12H	--	A-85
G	1/2"	RISER/2"	QUAR CIRC	5'	35	B12C	--	A-85
H	1/2"	RISER/4"	HALF CIRC	5'	70	B12H	--	A-85
I	1/2"	RISER/4"	QUAR CIRC	5'	35	B12C	--	A-85
J	1/2"	POP-UP	HALF CIRC	6'	95	B80-FL1	18"	A-85
K	1/2"	BUBBLE FIXED		5'	57	50S1-B	--	A-85
L	1/2"	POP-UP	QUAR CIRC	6'	47	B80-FL1	18"	A-85
M	1/2"	POP-UP	STRIP	5'x20'	57	B155ST	18"	--
N	1/2"	POP-UP	FULL CIRC	12'	2.60	B15F	18"	--
O	1/2"	POP-UP	3/4" CIRC	13'	2.10	B15TR	18"	--
P	1/2"	POP-UP	FULL CIRC	6'-5"	3.60	B15F	18"	--

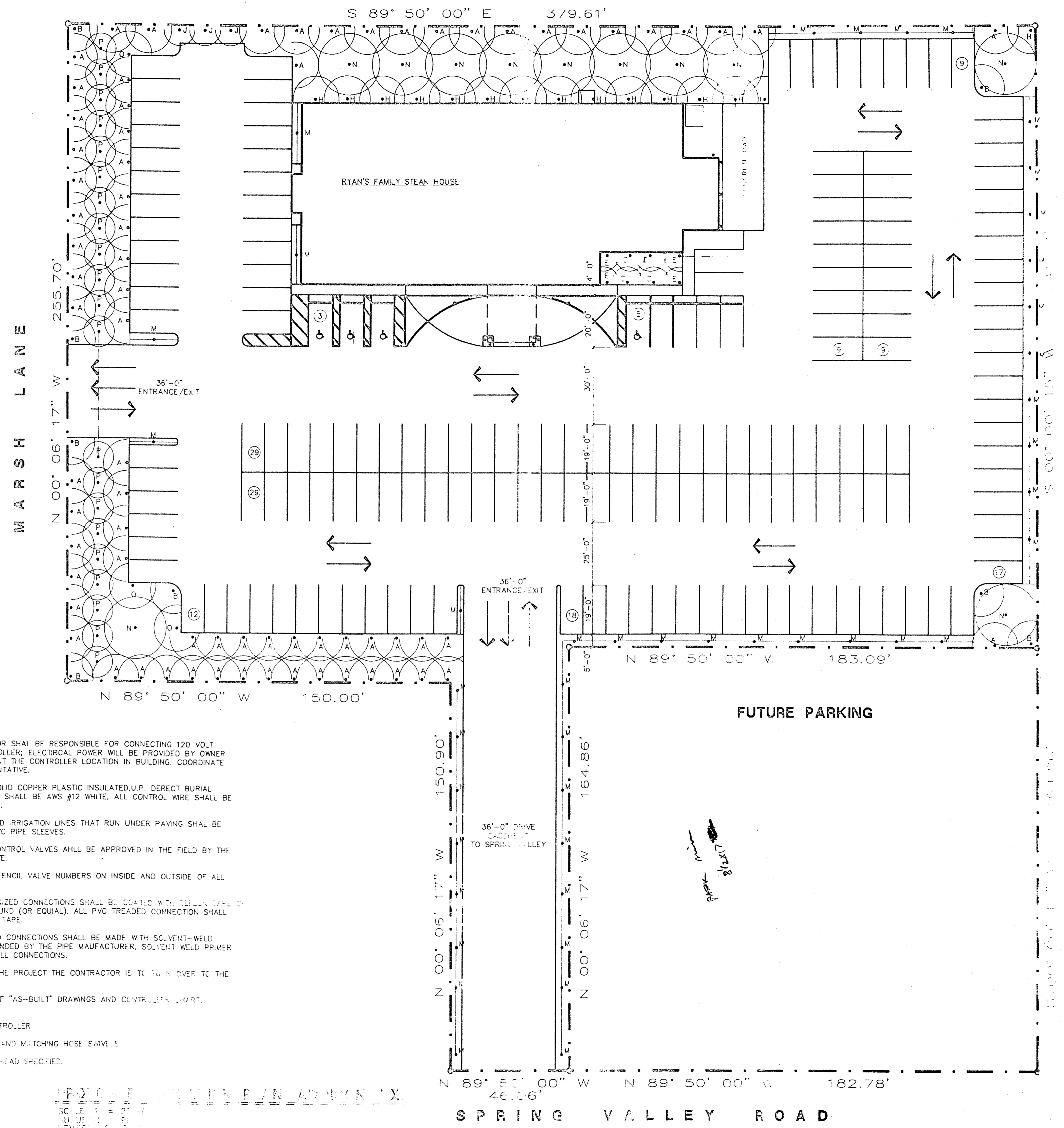
REMARKS

1. ADD ONE OR MORE TYPE "N" HEAD TYPE AT EACH TREE LOCATION DEPENDING ON TREE TYPE AND NEED.
2. IRRIGATION CONTRACTOR TO ADD FREEZE STAT CONTROL FOR AUTOMATIC SHUT-OFF DURING NEAR FREEZING CONDITIONS.
3. ADD DRAIN VALVE IN EACH SECTION FOR FREEZE PREVENTION PURPOSES.

*** VERIFY TYPE OF SYSTEM NEEDED AND IRR. REQUIRED BY LOCAL CODES.

- IRRIGATION NOTES:
1. GENERAL - ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE COUNTY CODES AND THESE PLANS. THE CONTRACTOR SHALL APPLY FOR ALL PERMITS AND PAY FOR SAME.
 2. OTHER CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AT THE SITE PRIOR TO COMMENCEMENT OF ANY WORK UNDER THIS CONTRACT.
 3. THE CONTRACTOR SHALL CARRY ALL WORKER'S COMPENSATION, PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE, AS REQUIRED BY THE OWNER.
 4. SCOPE OF WORK - UNLESS OTHERWISE SPECIFIED, THE CONSTRUCTION OF IRRIGATION SYSTEMS SHALL INCLUDE THE FURNISHING, INSTALLING AND TESTING OF ALL MAIN LINE, POINT OF CONNECTION, LATERAL LINE, RISERS AND FITTINGS, AND FURNISH AND INSTALLING OF SPRINKLER HEADS, MANUAL CONTROL VALVES, EXCAVATION AND BACKFILL AND ALL OTHER WORK IN ACCORDANCE WITH THESE PLANS, DETAILS AND NOTES.
 5. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT OR PROPERTY, TRANSPORTATION AND PERFORM ALL OPERATION REQUIRED FOR A COMPLETE AND OPERABLE IRRIGATION SYSTEM AS INDICATED ON OR REASONABLY IMPLIED BY THE DRAWINGS AND/OR NOTES INCLUDED AS PART OF THE IRRIGATION WORK, BUT NOT LIMITED BY IT, ARE THE FOLLOWING ITEMS:
 1. INSTALL COMPLETE OPERABLE INDEPENDENT IRRIGATION SYSTEMS PER THE PLANS, DETAILS, LEGEND AND NOTES.
 2. ALL IRRIGATION WORK SHALL BE GUARANTEED BY THE CONTRACTOR AS TO THE MATERIAL AND WORKMANSHIP, INCLUDING SETTLING OR BACKFILLED TRENCHES BELOW GRADE FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE OF THE WORK.
 3. THE OWNER'S REPRESENTATIVE SHALL RESOLVE ALL QUESTIONS RELATING TO THE INTERPRETATION OF THE DRAWINGS AND THE ACCEPTABLE COMPLETION OF THE CONTRACT.
 4. THE PLANS ARE ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL ROUTE PIPING TO AVOID CONFLICT WITH STATIONARY ELEMENTS AND IN SUCH A MANNER AS TO CONFORM WITH THE VARIOUS DETAILS.
 5. THE CONTRACTOR SHALL BE AT ALL TIMES PROTECT HIS WORK FROM DAMAGE AND THEFT AND REPLACE ALL DAMAGED OR STOLEN PARTS AT HIS EXPENSE UNTIL THE WORK IS ACCEPTED IN WRITING BY THE OWNER.
 6. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING WITH UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION AND CONDITION OF THE UTILITIES AND BE RESPONSIBLE FOR ANY DAMAGE.
 7. THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF ANY EQUIPMENT, MATERIAL AND RUBBISH, INCIDENTAL TO HIS WORK.
 8. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO CONTROL AND INSTALLATION OF IRRIGATION SYSTEM ACCORDINGLY.
 9. CONTRACTOR SHALL VERIFY POINT OF CONNECTION (P.O.C.), CONTRACTOR SHALL INSTALL BACKFLOW PREVENTION DEVICE APPROVED BY LOCAL AGENCIES AND INSTALLED PER APPLICABLE CODES, PLUG IT AND LOCATE SIGNATURE OF APPROVED BY OWNER'S REPRESENTATIVES.

10. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING 120 VOLT SERVICE TO THE CONTROLLER; ELECTRICAL POWER WILL BE PROVIDED BY OWNER WITH A JUNCTION BOX AT THE CONTROLLER LOCATION IN BUILDING. COORDINATE WITH OWNER'S REPRESENTATIVE.
11. ALL WIRE SHALL BE SOLID COPPER PLASTIC INSULATED, U.P. DIRECT BURIAL WIRE. ALL CONDUIT WIRE SHALL BE AWS #12 WHITE, ALL CONTROL WIRE SHALL BE AWS #14 RED OR BLACK.
12. ALL CONTROL WIRE AND IRRIGATION LINES THAT RUN UNDER PAVING SHALL BE ENCASED IN SOLVENT WELD PVC PIPE SLEEVES.
13. FINAL LOCATION OF CONTROL VALVES SHALL BE APPROVED IN THE FIELD BY THE OWNER'S REPRESENTATIVE.
14. CONTRACTOR SHALL STENCIL VALVE NUMBERS ON INSIDE AND OUTSIDE OF ALL VALVE BOXES.
15. ALL BRASS OR STAINLESS CONNECTIONS SHALL BE COATED WITH REFLEX TAPLE O-LEO-LUBE JOINT LUBRICANT (OR EQUAL). ALL PVC TREADED CONNECTION SHALL BE COATED WITH JOINT TAPE.
16. ALL PVC SOLVENT-WELD CONNECTIONS SHALL BE MADE WITH SOLVENT-WELD MATERIALS AS RECOMMENDED BY THE PIPE MANUFACTURER. SOLVENT WELD PRIMER SHALL BE APPLIED TO ALL CONNECTIONS.
17. UPON COMPLETION OF THE PROJECT THE CONTRACTOR IS TO TURN OVER TO THE OWNER:
 - A. A REPRODUCIBLE SET OF "AS-BUILT" DRAWINGS AND CONTROLLER CHART. (SEE SPECIFICATION)
 - B. 2 KEYS FOR EACH CONTROLLER
 - C. 2 QUICK COUPLER HOSES AND MATCHING HOSE SWIVELS
 - D. 4" OF EACH SPRINKLER HEAD SPECIFIED.



PROPOSED IRRIGATION PLAN: ADDISON, TX
 SCALE: 1" = 20'-0"
 AUGUST 28, 1991
 REVISED OCT. 7, 1991 - ADDED IRRIGATION TO SPRING VALLEY ROAD

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