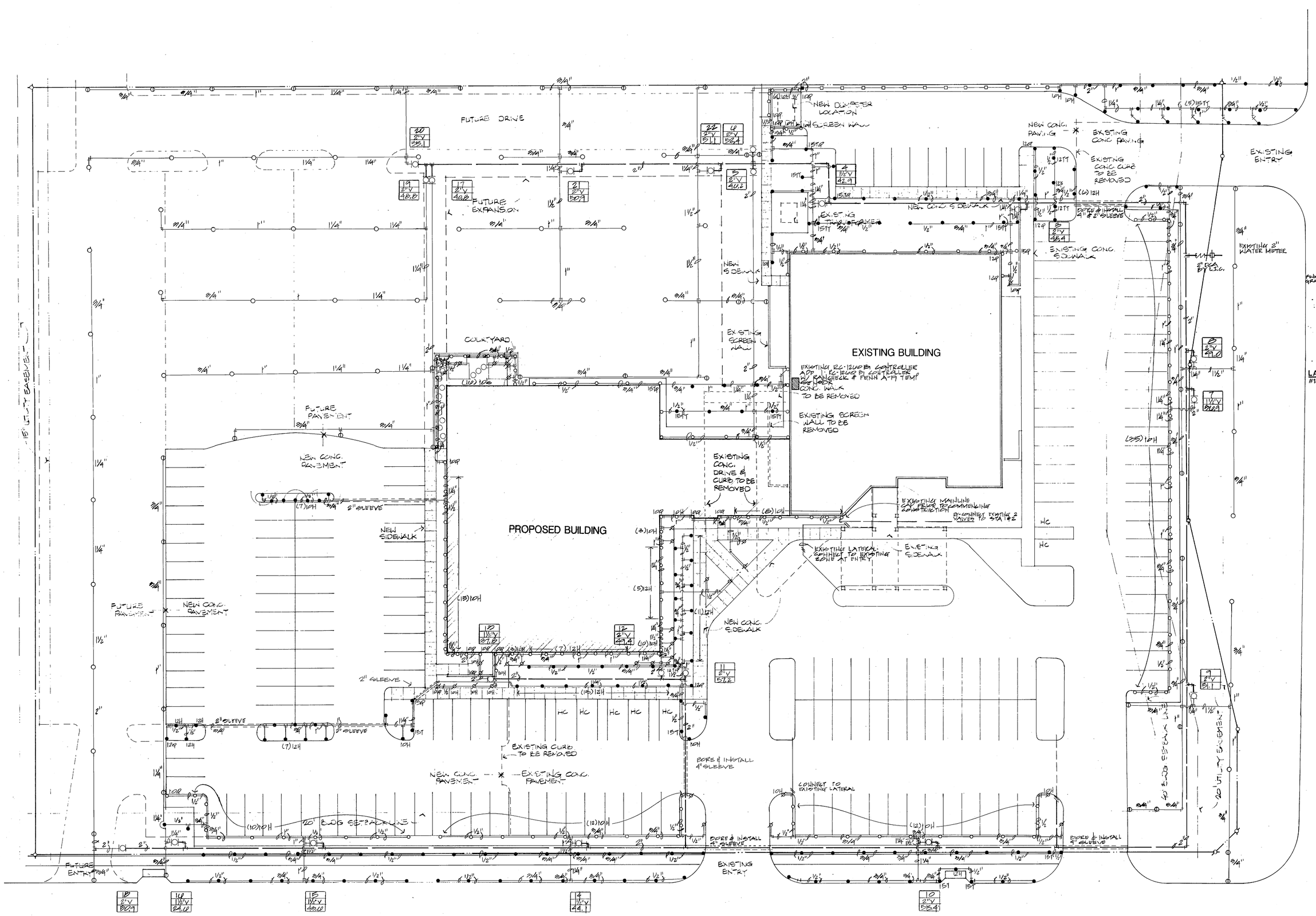
NOTES:

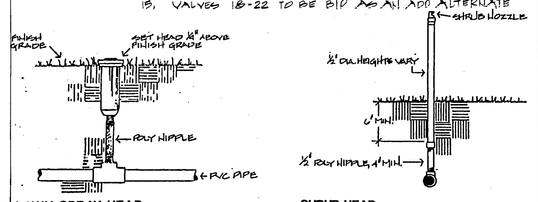
1. All Sprinkler equipment numbers reference the Rain-Bird equipment catalog unless otherwise indicated.
2. **LAWN SPRAY HEADS** shall be #1804 installed per detail shown. Lawn spray nozzles are 15F, or 15H, or 15Q unless otherwise indicated on plans.
3. **HIGH-POP SPRAY HEADS** shall be #1812 installed per detail shown. Nozzles are 15F, 15H or 15Q unless otherwise indicated on plans.
4. **SHRUB SPRAY HEADS** shall be #PA-8S installed per detail shown. Nozzles are 15F, 15H or 15Q unless otherwise indicated on plans.
5. **ROTARY HEADS** shall be TORO S700 with #4.5 and #6.0 nozzle installed per detail shown on swing joint risers. Swing joints shall be constructed using 3/4" Schedule 80 PVC threaded nipples and 3/4" Schedule 40 PVC threaded elbows. Part circle rotary heads shall be adjustable.
6. **REMOTE CONTROL VALVES** shall be #PEB series installed per detail shown. Size valves as shown on plans. Valves shall be installed in valve boxes large enough to permit manual operation, removal of solenoid or valve cover without any earth excavation.
7. **AUTOMATIC CONTROLLER** shall be RC-1260C installed per detail shown. Power (120V) shall be located in a junction box within five (5) feet of controller location by others.
8. All 24-volt valve wiring is to be UF 14 signal conductor. All wire splices are to be permanent and waterproof.
9. **SLEEVES** shall be installed by other trades unless otherwise noted. Sleeves material shall be Class 200 PVC, sized as shown on plans.
10. Ten days prior to start of construction, verify static pressure. If static pressure is less than 80.0 PSI, do no start work until notified to proceed by Owner. Design pressure is 68.0 PSI.
11. All main line and lateral piping shall have a minimum of 12 inches of cover. All piping under paving shall have a minimum of 18 inches of cover.
12. Coordinate installation of the system with the landscape contractor to insure all plant material will be watered in accordance with the intent of the plans and specifications.
13. Avoid trenching against the building structure. Install lines a minimum of five (5) feet from building face and "T" to each individual head.
14. Salvage all existing spray heads, rotor heads and valves which are required to be removed due to new construction.
15. VALVES 18-22 TO BE BID AS ALT. ADD ALTERNATE



EMBARCODERO DRIVE

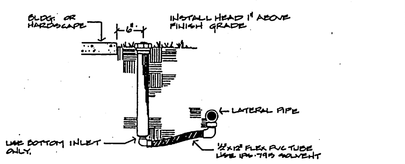
NORTH

SCALE: 1" = 20'-0"

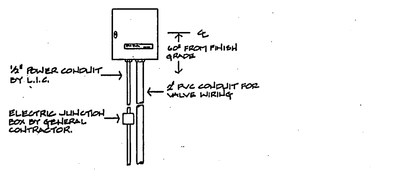


LAWN SPRAY HEAD
#1804

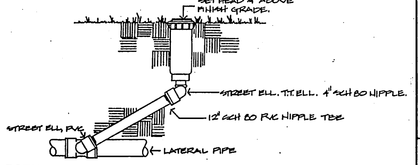
SHRUB HEAD
#PA-8S



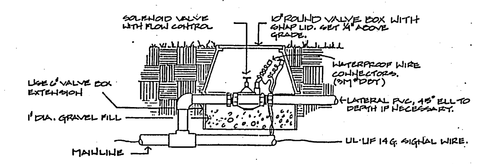
HIGH-POP SHRUB HEAD
#1812



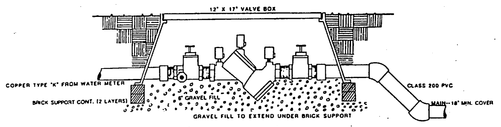
CONTROLLER
#RC-1260C



ROTARY HEAD
#S700



REMOTE CONTROL VALVE
#PEB SERIES



DOUBLE CHECK VALVE
#805Y

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
●	LAWN SPRAY HEAD
■	LAWN END STRIP HEAD
□	LAWN CENTER STRIP HEAD
○	SHRUB HEAD ON RISER
⊘	12" HIGH-POP SHRUB HEAD
⧈	12" HIGH-POP END STRIP HEAD
⧈	12"HIGH-POP CENTER STRIP HEAD
○	FULL CIRCLE ROTARY HEAD / 6.0 NOZZLE
◐	PART CIRCLE ROTARY HEAD/ 4.5 NOZZLE
▲	QUICK COUPLING VALVE
⧈	REMOTE CONTROL VALVE
▨	CONTROLLER
— —	MAINLINE PIPING
——	LATERAL PIPING
⩙	DOUBLE CHECK ASSEMBLY

KAISER PERMANENTE

PHASE II

ARLINGTON, TEXAS

STATE OF TEXAS — RICKY D. SETTY — 4265 — LICENSED IRRIGATOR

SYSTEMS DESIGN DEPARTMENT
IRRI-TECH corporation
IRRIGATION TECHNOLOGY • 12650 Schroeder • Dallas, Texas 75231 • (214) 231-3151

KAISER PERMANENTE PHASE II
ARLINGTON, TEXAS

Marshall Erdman & Associates, Inc.
DESIGN / ENGINEERING / PREFABRICATION / CONSTRUCTION
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IRRIGATION PLAN

DRAWN | DATE | SCALE

JOB NUMBER 90211

SHEET NUMBER L2