431/4 THIS IS A CONCEPT PLAN ONLY. PROSPECTIVE CONTRACTOR ARE ENCOURAGE TO SUBMIT ALTERNATIVE SHOP DRAWINGS OF AN EQUAL OR BETTER IRRIGATION SYSTEM FOR REVIEW. CONNECT EX. 1" WATER SERVICE TO PROPOSED 2" SERVICE AND INSTALL STOP AND DRAIN VALVE AND VALVE BOX (BID ITEM 400) REMOVE 3 EXISTING GATE VALVES AND RECONNECT 3 EXISTING SERVICES FROM BUILDING TO PROPOSED 2" SERVICE. INSTALL STOP AND DRAIN VALVE AND VALVE BOX. PITCH PIPING TO DRAIN (BID ITEM 400) PITCH NEW PIPING TO DRAIN AVENUE ASYLUM CONNECT 1-1/2" WATER SERVICES AND SHUT-OFF VALVE. (BID ITEM 400) EXISTING 10"WATER MAIN EXISTING CURB LINE -EXISTING 2" WATER SERVICE CAP EX. 1-1/2" LINE \frown (BID ITEM 400) \sim EXISTING 1 1/2" SERVICE. EXISTING 1" SERVICE. EX.LAWN BOWLING CLUBHOUSE CONTRACTOR TO COORDINATE THE LOCATION AND POINT OF CONNECTION TO EXISTING WATER AND ELECTRIC WITH THE CITY OF HARTFORD. -----INSTALL NEW ELECTRICAL PANEL AND WIRING FOR PUMP AND CONTROLLER LIGHT STANDARD (TYP). IN THE EXISTING BUILDING(BID ITEM 401) CUT EXISTING FLOOR WITH CONCRETE SAW AND REPAIR IN KIND (TO BE INCLUDED UNDER AUTOMATIC IRRIGATION SYSTEM, BID ITEM 402) FIELD LOCATED APPROXIMATE LOCATION OF CONDUIT FOR BOWLING GREEN LIGHTING -BOWLING GREEN LIGHTING EX WATER FOUNTAIN ∠BOWLING GREEN ----A4 45 LEGEND -TORO S2001 PC #18 CHECK-O-MATIC SPRINKLER (18 GPM AT 70 PSI) O -TORO S2001 PC #12 CHECK-O-MATIC SPRINKLER (12 GPM AT 70 PSI) → TORO S2001 PC #9 CHECK-O-MATIC SPRINKLER (9 GPM AT 70 PSI) O -TORO 692-06-91-8 VALVE-IN HEAD SPRINKLER W/RUBBER COVER (62 GPM AT 80 PSI) -TORO 691-06-91-8 VALVE-IN-HEAD SPRINKLER W/R.C. (62 GPM AT 80 PSI) 11/2" -TORO 655-06-57-8 VALVE-IN-HEAD SPRINKLER W/R.C. (29 GPM AT 80 PSI) 11/2" -TORO 674-06-74-1 VALVE-IN-HEAD SPRINKLER W/RUBBER COVER NOTES TORO SUPER 700C PART CIRCLE 3.0 SPRINKLER W/R.C. (3 GPM AT 70 PSI) -TORO 216-26-06 1 1/2"-2" BRASS VALVE W/SHUT-OFF IN 12" PIT (USE DBY 1) SYSTEM IS DESIGNED FOR 64 GPM MAX AT 50 PSI AT THE POC/ 80 PSI SPLICE KITS; WIRE TO BE #14/1 UF) AFTER THE BOOSTER PUMP. -BRONZE IPS GATE VALVE IN 10" PIT (SIZED AS NOTED) 2) SEE ALL MANUFACTURER'S DATA FOR INSTALLATION INSTRUCTIONS AND -TORO 474-00 QUICK COUPLER VALVE ON 1" GALV SWING JOINT PRODUCT SPECIFICATIONS. -TORO VISION II 9-STA CONTROLLER MODEL #189-96-01 & 189-06-01 3) DESIGN IS DIAGRAMMATIC. ACTUAL INSTALLATION MAY VARY DUE TO (LOCATE CONT.A IN ENCLOSURE, CONT.B IN BUILDING; REQUIRES 115 VAC) UNSEEN OBSTRUCTIONS OR FIELD CHANGES. CITY OF HARTFORD, CONNECTICUT → POINT OF CONNECTION (2" TAP FROM ASYLUM AVENUE AT 50 PSI; DEPARTMENT OF PUBLIC WORKS 4) RUN TIMES SHALL BE DETERMINED UPON INSTALLATION BASED ON FIELD REQUIRES A 2 HP BOOSTER PUMP; RUN 2 1/2" LINE TO THE RPD ASS'Y.; ENGINEERING SERVICES INSTALL SHUT-OFF VALVE AT CONNECTION) CONDITIONS AND PRODUCT SPECIFICATIONS. -RPD ASSEMBLY (FROM 2" LINE TO BE PROVIDED BY THE OWNER; 5) IRRIGATION CONTRACTOR IS RESPONSIBLE FOR, BUT NOT LIMITED TO THE SITE IRRIGATION PLAN INSTALL ON 2" COPPER; INSTALL IN THIS ORDER: FROM THE 2" TAP -COMPLETE INSTALLATION OF THIS TORO IRRIGATION SYSTEM. FOLLOW ALL 2" SHUT-OFF VALVE, 2 1/2" PIPE, 2" SHUT-OFF VALVE, 2" FPT TEE W/ APPLICABLE CODES. OWNER SHALL PROVIDE WATER AND ELECTRICAL TAPS. PVC PLUG FOR BLOW-OUT, FEBCO 825Y 2" RPD, 2" UNION, 2 HP 230 V FOR ELIZABETH PARK (WEST) SINGLE PHASE (18 AMPS) PUMP W/ RELAY START; INSTALL ASSEMBLY IN 6) WHEN EXCAVATING CLOSE TO TREES, USE ONLY HAND TOOLS, CARE SHALL BE BUILDING BY THE BOWLING GREEN TAKEN TO ENSURE THAT TREE ROOTS ARE NOT DAMAGED IN ANY WAY. THE ENGINEER SHALL BE NOTIFIED IMMIDIATELY WHENEVER TREE ROOTS APPROVED SUBMITTED RECOMMENDED ARE ENCOUNTERED. FURTHER EXCAVATING AT THAT LOCATION SHALL BE _IRRIGATION SYSTEM ZONE AND VOLUME (GPM) DESIGNATION AS DIRECTED BY THE ENGINEER. DAYBOOK NO. 011354-SHEET 8 DRAWN MK SCALE: DATE **APRIL 1997** CHECKED____ FILE NAME E94-24IR.DWG