



LEGEND

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| 1. FINISH GRADE. | 11. RED/BLACK WIRES TO FLOW SENSOR WIRES |
| 2. VALVE I.D. TAG WITH "MV" PRINTED ON IT. | 12. YELLOW/GREEN WIRE TO GROUND ROD |
| 3. MASTER VALVE WIRES FROM SOLENOID (INCLUDED). | 13. WHITE WIRES TO MASTER VALVE WIRES |
| 4. WATERPROOF WIRE CONNECTORS (3M DBY/R-6) | 14. BLUE WIRES ARE LINE IN TO BE CONNECTED TO 2-LINE PATH |
| 5. TWO-WIRE CABLE BY TUCOR. REFER TO SPECS. LOOP 24" EXTRA WIRE AROUND PERIMETER OF BOX | 15. ORANGE WIRE TO BE HOOKED UP TO THE YELLOW WIRE ON A PHOTO DIODE REGISTER ONLY. |
| 6. JUMBO VALVE BOX PER SPECS. HEAT BRAND "MV-FS" ON LID IN 2" HIGH BLOCK LETTERS. | 16. FLOW SENSOR/ MASTER VALVE DECODER MODULE (3D-FMV-M) |
| 7. PVC MAINLINE PIPING PER IRRIGATION LEGEND. (PLAN SIZE) | 17. 5/8" x 8' COPPER CLAD GROUNDING ROD. CONNECT WIRES AS NOTED PER MANU. RECOMMENDATIONS.OHMS REQUIREMENT ON GROUNDING ROD (5 OHMS) |
| 8. BRICK SUPPORT. (4 TOTAL/ 1 @ EA CORNER) | 18. COMPACTED 3/4" WASHED GRAVEL. 12" THICK MIN. |
| 9. CONCRETE PAVER SUPPORT BLOCK | 19. FILTER FABRIC PER SPECS. |
| 10. 1 1/2" SCH 40 CONDUIT FROM CONTROLLER PER SPECS. PULL BOXES EVERY 200' AND ON EACH SIDE OF HARDSCAPES AREA. | 20. COMPACTED NATIVE SOIL. |

NOTES TO DESIGNER:

- A. NO STRAIGHT PIPE UPSTREAM AND DOWNSTREAM OF HYDROMETER IS REQUIRED.
- B. THE INSTALLATION OF A NETAFIM AIR RELIEF VALVE UPSTREAM OF HYDROMETER IS RECOMMENDED.
- C. ALL THREADED CONNECTIONS SHALL RECEIVE TEFLON TAPE PER TAPE MANUFACTURERS RECOMMENDATIONS.
- D. A 2' LENGTH OF WIRE SHOULD BE PROVIDED SO DECODER CAN BE PULLED FROM THE VALVE BOX FOR SERVICE.

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HYDROMETER WITH FLOW/ MASTER VALVE DECODER

NOT TO SCALE



DETAIL - NLC-3D-5_4a