

Material List – To be supplied by MC Government

CONTROL SYSTEM, WIRING AND ELECTRICAL CONNECTIONS

- ❖ Rain Bird 2 wire control system and all associated controls and software with all required grounding throughout course per Rain-Bird manufacturers specifications.
- ❖ #14 Gauge 2 wire path Red 16000
- ❖ #14 Gauge 2 wire path Green 18000
- ❖ #14 Gauge 2 wire path Yellow 16000
- ❖ All Required electrical for all electrical field work including heads, 3-way splices, wire nuts, direct bury kits and all other wiring as required by manufacturer

IRRIGATION HEADS/QUICK COUPLERS/SWING JOINTS

- ❖ Black Square -Full Circle 80' spacing 151
- ❖ Black Circle-Full circle 70' spacing 108
- ❖ Red Triangle- Part Circle 80' Spacing 150
- ❖ 1" quick Coupler, acme 19
- ❖ QC Key 1" 2
- ❖ Swivel Hose el 1x1 2
- ❖ Round Green Valve Box 6x9 19
- ❖ Swing Joints 18" std 2" saddle x1" 19
- ❖ Swing Joints 12" std 2" saddle X 1.5" 409

HDPE PIPE AND FITTINGS

- ❖ 2" DR 13.5 IPS 500' Coils Pipe HDPE 28000
- ❖ 3" DR 13.5 IPS Pipe HDPE NSF 6000
- ❖ 4" DR 13.5 IPS Pipe HDPE AWWA 7600
- ❖ 6" DR 13.5 IPS Pipe HDPE AWWA 400
- ❖ 8" DR 13.5 IPS Pipe HDPE AWWA 100
- ❖ 2" DR 11 IPS CAP MOLDED HDPE 71
- ❖ 2" DR 11 IPS TEE MOLDED HDPE 54
- ❖ 3" DR 11 IPS TEE MOLDED HDPE 25
- ❖ 3"X2" DR 11 IPS CONCENTRIC REDUCER 38
- ❖ 4"X3" DR 11 IPS CONCENTRIC REDUCER 9
- ❖ 4" DR 11 IPS 45DEG ELBOW MOLDED HDPE 1
- ❖ 4" DR 11IPS 90 DEG ELBOW MOLDED HDPE 1
- ❖ 4" DR 11 IPS TEE MOLDED HDPE 7
- ❖ 6"X4" 11 IPS CONCENTRIC REDUCER 2
- ❖ 6" DR 11 IPS TEE MOLDED HDPE 1
- ❖ 8"X4" DR 11 IPS CONCNETRIC REDUCER HDPE2

❖ 8"X6" DR 11 IPS CONCENTRIC REDUCER	1
❖ 8" DR 11 IPS TEE MOLDED HDPE	2
❖ 3"X2" DR 11 IPS BR SADDLE HDPE ROUND BASE	13
❖ 4"X2" DR 11 IPS BR SADDLE HDPE ROUND BASE	40
❖ 4"X3" DR 11 IPS BR SADDLE HDPE ROUND BASE	12
❖ 6"X2" DR 11 IPS BR SADDLE HDPE ROUND BASE	1
❖ 6"X3" DR 11 IPS BR SADDLE HDPE ROUND BASE	1

AIR RELEASE VALVE ASSEMBLIES

❖ 1" AIR RELEASE VALVE	3
❖ WYE STRAINER 1" 1.P.S	3
❖ ¾" APOLLO BALL VALVE	3
❖ 1" BALL VALVE	3
❖ 1"X3" BRASS NIPPLE	6
❖ 1" BRASS 90DEG ELBOW	3
❖ SWING JOINT 12" 2" SADDLEX1"	3
❖ VALVE BOX 15X21X12 RECT. GREEN	3

ISOLATION VALVES

❖ 2" FULL PORT HDPE WATER BALL VALVE	55
❖ 3" FULL PORT HDPE WATER BALL VALVE	19
❖ 3" PUSH ON ISOLATION VALVE	6
❖ 3" PJ ADAPTER FOR DR 13.5	12
❖ 3" PJ ADAPTER PE TO PE SS RESTRAINT KIT	6
❖ 4" PUSH ON ISOLATION VALVE	8
❖ 4" PJ ADAPTER FOR DR 13.5	16
❖ 4" PJ ADAPTER PE TO PE SS RESTRAINT KIT	8
❖ 6" PUSH ON ISOLATION VALVE	1
❖ 6" PJ ADAPTER FOR DR 13.5	2
❖ 6" PJ ADAPTER PE TO PE SS RESTRAINT KIT	1
❖ 5' VALVE KEY	2
❖ ROUND GREEN 10X10 VALVE BOX	89