

Material List

CONTROL SYSTEM, WIRING AND ELECTRICAL CONNECTIONS

- ❖ 2 wire control system and all associated controls and software with all required grounding throughout course per 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

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|---|----|
| ❖ 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

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|----------------------------------|---|
| ❖ 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

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|---|----|
| ❖ 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 |