

IRRIGATION MATERIALS LIST FOR MODIFICATIONS TO EXISTING SYSTEM AT TEMPORARY PARKING FACILITIES

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| ITEM | SPECIFICATION | UNIT | QUANTITY |
|------------------------------|--|------|----------|
| CONTROLLER | "RAINBIRD" - EXISTING | | |
| POWER DROP | EXISTING | | |
| ELECTRIC VALVES | "RAINBIRD" 1 1/2" PESBR | EA | 8 |
| "HOOVER" PUMP STATION | EXISTING | | |
| ZONE GATE VALVES AT SOLENOID | "LEEMCO" MODEL LV 218 RIGHT ANGLE | EA | 8 |
| ISOLATION GATE VALVES | "NIBCO" P-619-RW PUSH ON 3" | EA | 3 |
| AIR/VAC RELEASE VALVE | "BERMAD" MODEL 02-ARC-1, 1 1/2" COMBINATION AIR AND VACUUM RELEASE WITH 2" BRASS FULL PORT BALL VALVE | EA | 1 |
| VALVE BOXES | "CARSON" POLYMER CONCRETE H1324-12, 15" X 25" X 12" DEEP VALVE BOX | EA | 12 |
| BRASS VALVE BOX NUMBERS | BRASS VALVE BOX LID IDENTIFICATION | EA | 15 |
| MAINLINE | 3" GASKETTED PVC SCHEDULE 40 (PURPLE PIPE) | LF | 1300 |
| MAINLINE MARKING TAPE | 2" DETECTABLE MARKING TAPE OVER MAINLINE, 12" BELOW GRADE MARKING TAPE SHALL BE LABELED TO INDICATE ' REUSE WATER' | LF | 1300 |
| IRRIGATION LATERAL LINE | 3/4" TO 2 1/2" PVC SCHEDULE 40 | LF | 4500 |
| CONTROL WIRE | 12 AWG, COPPER, TYPE UF-83 THHN/THWN, WITH DBY-6 CONNECTORS INSTALL DIFFERENT COLORS FOR EACH VALVE (DO NOT USE GREEN) | LF | 3700 |
| CONTROL WIRE CONDUIT | ALL WIRE SLEEVED INSIDE 2" HDPE DR 17 'RED STRIPE' | LF | 1300 |
| SLEEVE CROSSINGS | 3" TO 6" PVC SCHEDULE 40 | LF | 500 |
| SPRAY HEADS | "RAINBIRD" 1812 PRS PRESSURE REGULATING 12" POP UP | EA | 93 |
| ROTARY NOZZLES | "RAINBIRD" 1806 PRS BODIES W/ R17-23 SERIES ROTARY NOZZLES | EA | 104 |
| FLOW CONTROL | HENDRICKSON FLD520 2 GPM FLOW LIMITING DEVICE PER DETAIL | EA | 184 |
| 2" GRAVEL | BELOW VALVE BOXES PER DETAIL | CF | 25 |
| FILTER FABRIC | TO CONTAIN THE GRAVEL UNDER THE VALVE BOXES PER DETAIL | SF | 56 |
| RAIN SENSOR | EXISTING | | |

IRRIGATION MATERIALS LIST FOR NEW SYSTEM AROUND PARKING GARAGE

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| ITEM | SPECIFICATION | UNIT | QUANTITY |
|-------------------------------|--|------|----------|
| CONTROLLER | "RAINBIRD" ESP-SITE SAT 24 STATION | EA | 1 |
| POWER DROP | INDEX 17504 ELECTRICAL SERVICE POINT DETAIL | EA | 1 |
| ELECTRIC VALVES | "RAINBIRD" 2" PESBR | EA | 11 |
| "HOOVER" PUMP STATION | 20 HP CENTRIFUGAL W/ 5 HP JOCKEY & PRESSURE TANK & SLAB, SUCTION LINE, FILTER AND HOUSING | EA | 1 |
| ISOLATION GATE VALVES | "NIBCO" MODEL P-619-RW PUSH ON 3" | EA | 4 |
| MANUAL GATE VALVE AT SOLENOID | "LEEMCO" LV 218 RIGHT ANGLE | EA | 11 |
| AIR/VAC RELEASE VALVE | "BERMAD" MODEL 02-ARC-1, 2" COMBINATION AIR AND VACUUM RELEASE WITH 2" BRASS FULL PORT BALL VALVE | EA | 3 |
| VALVE BOXES | "CARSON" POLYMER CONCRETE H1324-12, 15" X 25" X 12" DEEP VALVE BOX | EA | 17 |
| BRASS VALVE BOX NUMBERS | BRASS VALVE BOX LID IDENTIFICATION | EA | 25 |
| MAINLINE | 3" GASKETTED PVC SCHEDULE 40 (PURPLE PIPE) | LF | 1900 |
| MAINLINE MARKING TAPE | 2" DETECTABLE MARKING TAPE OVER MAINLINE, 12" BELOW GRADE MARKING TAPE SHALL BE LABELED TO INDICATE ' REUSE WATER' | LF | 1900 |
| IRRIGATION LATERAL LINE | 3/4" TO 2 1/2" PVC SCHEDULE 40 WITH PVC SCHEDULE 80 FITTINGS ON 3" OR LARGER | LF | 13500 |
| CONTROL WIRE | 12 AWG, COPPER, TYPE UF-83 THHN/THWN, WITH DBY-6 CONNECTORS INSTALL DIFFERENT COLORS FOR EACH VALVE (DO NOT USE GREEN) | LF | 9000 |
| CONTROL WIRE CONDUIT | ALL WIRE SLEEVED INSIDE 2" HDPE DR 17 'RED STRIPE' | LF | 1900 |
| SLEEVE CROSSINGS | 3" TO 8" PVC SCHEDULE 40 | LF | 1060 |
| SPRAY HEADS | "RAINBIRD" 1812 PRS PRESSURE REGULATING 12" POP UP | EA | 956 |
| ROTARY NOZZLES | "RAINBIRD" 1806 PRS BODIES W/ R17-22 SERIES ROTARY NOZZLES | EA | 124 |
| FLOW CONTROL | HENDRICKSON FLD520 2 GPM FLOW LIMITING DEVICE PER DETAIL | EA | 1080 |
| 2" GRAVEL | BELOW VALVE BOXES PER DETAIL | CF | 60 |
| FILTER FABRIC | TO CONTAIN THE GRAVEL UNDER THE VALVE BOXES PER DETAIL | SF | 136 |
| RAIN SENSOR | "RAINBIRD" RSD-CEX WITH CONDUIT AND ASSOCIATED COMPONENTS | EA | 1 |

NOTE ON IRRIGATION SYSTEM

ALL IRRIGATION COMPONENTS SHALL BE PURPLE CODED TO INDICATE REUSE WATER. THE COMPLETE SYSTEM SHALL BE INSTALLED WITH ALL REUSE WATER COLOR CODING AND SIGNAGE AS REQUIRED BY LAW.

| Date | Description |
|---------|---------------------------|
| 2-16-11 | CHG. SHEET # & QUANTITIES |

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2/19/2011

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PROJECT NAME

PHASE I TRANSPORTATION CENTER
SEMINOLE COCONUT CREEK CASINO
SEMINOLE TRIBE OF FLORIDA
5600 NW 40TH STREET
COCONUT CREEK, FLORIDA 33073

DRAWN BY
KEITH AND SCHNARS, PA. MO

CHECKED BY
CMO

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AUGUST 16, 2010

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17796.42

SHEET NAME
IRRIGATION MATERIALS LISTS

SHEET NUMBER
IR-8

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