






- LEGEND**


 SLEEVING: CL200 PVC PIPE
REFER TO SPECIFICATIONS


 EXISTING MAINLINE PIPE


 CAPPED EXISTING MAINLINE PIPE


 EXISTING LATERAL PIPE


 CAPPED EXISTING LATERAL PIPE


 CONNECT EXISTING CAPPED LATERAL PIPE TO NEW LATERAL PIPE


 EXISTING REMOTE CONTROL VALVE


 MAINLINE PIPE: CLASS 200 PVC
3-INCH SIZE


 LATERAL PIPE: CLASS 160 PVC
(1-INCH SIZE UNLESS OTHERWISE INDICATED)


 UNCONNECTED PIPE CROSSING


 DRIP LATERAL PIPE TO EMITTERS


 MANIFOLD TO ZONE CONTROL VALVES


 POINT-OF-CONNECTION (P.O.C.)


 ISOLATION GATE VALVE ASSEMBLY


 REMOTE CONTROL VALVE ASSEMBLY


 DRIP REMOTE CONTROL VALVE ASSEMBLY


 ZONE CONTROL VALVE ASSEMBLY


 FLUSH CAP ASSEMBLY


 QUICK COUPLING VALVE ASSEMBLY


 YARD HYDRANT ASSEMBLY

 POP-UP SPRAY SPRINKLER ASSEMBLY WITH RAIN BIRD 15 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 15 FEET
FLOW: Q = 0.92 GPM, H = 1.85 GPM

 POP-UP SPRAY SPRINKLER ASSEMBLY WITH RAIN BIRD 12 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 12 FEET
FLOW: H = 1.30 GPM

 POP-UP SPRAY SPRINKLER ASSEMBLY WITH RAIN BIRD 10 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 10 FEET
FLOW: Q = 0.39 GPM, H = 0.79 GPM, F = 1.58 GPM

 POP-UP SPRAY SPRINKLER ASSEMBLY WITH RAIN BIRD 8 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 8 FEET
FLOW: Q = 0.26 GPM, H = 0.52 GPM, F = 1.05 GPM


 POP-UP SPRAY SPRINKLER ASSEMBLY WITH RAIN BIRD 5 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 5 FEET
FLOW: Q = 0.10 GPM, H = 0.20 GPM


POP-UP ROTOR SPRINKLER: RAIN BIRD 5500 SERIES, PRESSURE: 60 PSI


FC	PC	NOZZLE	FLOW(GPM)	RADIUS
-	②	2.0	1.90	37 FT.
-	⑥	6.0	6.00	47 FT.


POP-UP ROTOR SPRINKLER: RAIN BIRD 6504SS SERIES, PRESSURE: 60 PSI

FC	PC	NOZZLE	FLOW(GPM)	RADIUS
③	⑨	10.0	10.10	55 FT.
-	⑫	12.0	13.20	57 FT.

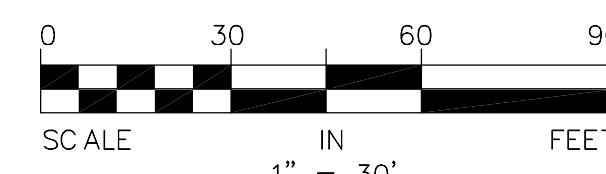
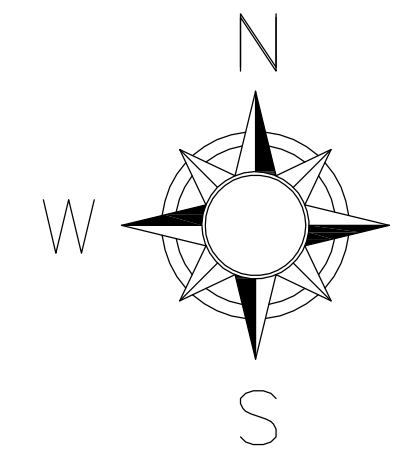
 IRRIGATION CONTROLLER ASSEMBLY
CONTROLLER 1: REFER TO SPECIFICATIONS,
200 STATIONS AVAILABLE, 83 STATIONS USED

 INDICATES CONTROLLER AND CONTROLLER STATION NUMBER
(REFER TO CONTROLLER PLAN FOR MORE NUMBERING INFORMATION)

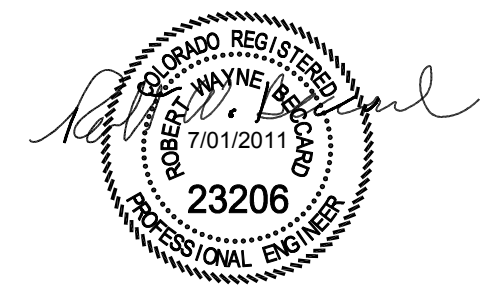
 INDICATES LATERAL DISCHARGE IN GPM

 INDICATES REMOTE CONTROL VALVE SIZE IN INCHES

- ① USE DIRECTIONAL BORING EQUIPMENT TO INSTALL ROAD CROSSING SLEEVES. ALL MEDFORD WATER COMMISSION WATERLINE EASEMENT CROSSINGS MUST BE OBSERVED BY MEDFORD WATER COMMISSION. CALL LESTER MCFALL AT 541-944-3690 AND CALL 48 HOURS IN ADVANCE OF ANY CONSTRUCTION IN THIS AREA.
- ② EXCAVATE AND EXPOSE EXISTING IRRIGATION MAINLINE PIPE AT APPROXIMATE LOCATION INDICATED. CONNECT EXISTING MAINLINE PIPE TO NEW MAINLINE OR NEW REMOTE CONTROL VALVE ASSEMBLY USING PVC SCH 40 SOLVENT WELD FITTINGS AND REPAIR COUPLINGS AS NECESSARY. FILL HOLE AND COMPACT TO MATCH SURROUNDING CONDITIONS.
- ③ EXCAVATE AND EXPOSE EXISTING LATERAL PIPE CAPPED DURING DEMOLITION. CONNECT TO NEW LATERAL PIPE USING PVC SCH 40 SOLVENT WELD. REPAIR COUPLINGS AS NECESSARY. BACKFILL HOLES AND COMPACT TO MATCH SURROUNDING CONDITIONS.
- ④ INSTALL IRRIGATION CONTROLLER IN THE ROOM INDICATED. COORDINATE EXACT PLACEMENT OF THE CONTROLLER WITH THE RESIDENT ENGINEER ON SITE PRIOR TO CONSTRUCTION. COORDINATE ELECTRICAL CONNECTION AND INSTALLATION OF POWER WIRE WITH THE ELECTRICAL CONTRACTOR ON SITE PRIOR TO CONSTRUCTION. CONTROL WIRE CONDUIT HAS BEEN COORDINATED WITH THE ELECTRICAL PLANS. REFER TO THE IRRIGATION CONTROLLER ASSEMBLY DETAIL FOR ADDITIONAL INFORMATION.



BID DOCUMENTS 7/1/2011

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NATIONAL
CEMETERY
ADMINISTRATION

Drawing Title <div style="text-align: center; font-weight: bold; padding: 10px;">IRRIGATION PLAN</div>	Project Title <div style="text-align: center; font-weight: bold; padding: 10px;">REPLACE ADMINISTRATION AND MAINTENANCE BUILDING AND SITE IMPROVEMENTS</div>			Date <div style="text-align: center; font-weight: bold; padding: 10px;">5-13-2011</div>
Approved: Director, Office of Construction Management	Building Number	Checked GRJ	Drawn AMT/PSH	Project No. <div style="text-align: center; font-weight: bold; padding: 10px;">906CM3009</div>
Approved: Director, Project Management Service	Location: EAGLE POINT NATIONAL CEMETERY 2763 RILEY ROAD EAGLE POINT, OR 97524			DRAWING NO. <div style="text-align: center; font-size: 2em; font-weight: bold; padding: 10px;">113</div> <div style="text-align: center; font-weight: bold; padding: 5px;">Dwg. 48 Of 181</div>