

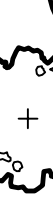








Department of
Veterans Affairs

IRRIGATION MATERIAL SCHEDULE

PROPOSED PLANT LEGEND

	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY	COMMENTS
1		TREES				
2		CHITRALPA	CHITRALPA, X. CHLOROSIS	2' CALIPER	8	
3		CERCIS CANADENSIS	OKLAHOMA REDBUD	2' CALIPER	4	
4		PRUNUS CERASIFERA	'MOUNT ST HELEN'	2' CALIPER	9	
5		'MOUNT ST HELEN'	PURPLE LEAF PLUM			
6		GLEDITSIA TRIACANTHOS	SHADEMASTER	2' CALIPER	2	
7		SHADEMASTER	HONEYLOCUST			

NOTES: THIS IRRIGATION SYSTEM TO USE THE FOLLOWING EQUIPMENT OR APPROVED EQUAL, REFERS TO IRRIGATION DETAILS, NOTES AND SCHEDULES FOR ADDITIONAL INFORMATION. UNLESS NOTES SYMBOL NOT SHOWN ON PLANS FOR CLARITY.

M WATER METER BY OTHERS, COORDINATE INSTALLATION WITH OWNERS AUTHORIZED REPRESENTATIVE. SIZE AS INDICATED.

● BACKFLOW PREVENTION UNIT - FERRO 42324 REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY. SIZE AS INDICATED. ASSEMBLY TO BE PLACED IN A GLASSBORO ENCLOSURE.


A CONTROL LEAD AND RAIN SWITCH - RAINTRON, INC.'S SERIES CONTROL LEAD AND RAINTRON, 65590, ADJUSTABLE RAIN SENSOR, MINIMUM NUMBER OF STATIONS AND MONITORING PER PLAN. X = CONTROL LEAD. FINAL LOCATION TO BE DETERMINED IN FIELD BY OWNER AND LANDSCAPE CONTRACTOR PRIOR TO INSTALLATION. ELECTRICAL POWER SOURCE BY OTHERS.

✕ MASTER VALVE: GRISNOLD 2000-E SERIES EPDM COATED NORMALLY CLOSED SOLENOID VALVE. LINE SIZE.

✕ ISOLATION VALVE: INBCO 4660 SERIES PVC BALL VALVE. LINE SIZE.

ERAVINILIS AMERICANA

FOLLOWING: VALVE SIZES, METER SIZES, MAINLINE SIZES, WATER PRESSURE, COVERAGE, CONTROLLER SIZES, OBS. PLOTIONS, GRADE DIFFERENCES OR LAYOUT - THE CONTRACTOR IS TO MOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY, THE LANDSCAPE ARCHITECT WILL THEN MAKE ANY NECESSARY CORRECTIONS AND WILL RESUBMIT




CHINESE PISTACHE

PISTACHIA CHINENSIS

2" CALIPER 2

SHRUBS

VALVES

 **REMOTE CONTROL VALVE WITH PRESSURE REGULATOR (RTRT00...70) SERIES, SELF-FLUSHING ELECTRIC REMOTE CONTROL VALVE AND 100-PRESSURE REGULATOR SIZE AS INDICATED. INSTALL ONE ISOLATION VALVE PER AP (TWO CONTROL VALVES MAX.) UPSTREAM FROM THE CONTROL VALVES.**

SLEEVING SCHEDULE

[illegible]

ALL SLEEPING SHALL BE RECORDED & EROSION & INSTALLED WITH A MIN. OFFSET AT ALL JOINTS TO PERMIT EASY INSTALLATION AND REMOVAL OF THE REBAR/JOINT LINES. MAINLINE PIPE, LATERAL PIPE, AND CONTROL WIRE SHALL BE PLACED IN SEPARATE SLEEVES. EXTEND ALL SLEEVES AT LEAST 12" BEYOND THE EDGES OF THE PAVEMENT AND MARK LOCATION BY DRIVING A 12" REBAR STAKE NEAR THE END OF EACH SLEEVE. TOP OF REBAR STAKE SHALL BE A MIN. OF 6" BELOW FINISH GRADE. SIZE OF SLEEVES SHALL BE AS FOLLOWS:

PIPE SIZE	SLEEVE SIZE	PIPE SIZE	SLEEVE SIZE
1/2" TO 3/4"	2" MINIMUM	2-1/2" TO 3"	6" MINIMUM
1" TO 1-1/2"	3" MINIMUM	4"	8" MINIMUM
2"	4" MINIMUM	6"	12" MINIMUM

	Date	Revision

17.	MAXIMUM LENGTH OF MICROTUBING ON DRIP ZONE TO BE 5' WITH 6" NIP EXPOSED AT THE EMITTER END.																
18.	CONTRACTOR TO GUARANTEE 100% REJECTION COVERAGE FOR ALL LAMN AREAS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY LAMN AREAS WITHOUT FULL COVERAGE.																
19.	IRRIGATION HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE UNLESS OTHERWISE SPECIFIED.																
<p>1. PLACE IN ORDER OF PRECEDENCE:</p> <p>FOR NECESSARY FLUSHING OF SYSTEM DUE TO CLOGGING FOR THE DURATION OF THE LANDSCAPE MAINTENANCE PER SPECIFICATIONS.</p>																	
<p>PIPE SIZING SCHEDULE</p>																	
<p>ALL WATER SERVICES TO BE TYPE K COPPER. MINIMUM LESS THAN 3" SHALL BE A MINIMUM SCHEDULE 40 SOLVENT WELD. ALL LATERAL PIPES SHALL BE TYPE K COPPER. MINIMUM LESS THAN 3" SHALL BE A MINIMUM SCHEDULE 40 SOLVENT WELD. ALL LATERAL PIPES SHALL BE A MINIMUM 1/2" LATERAL PIPE SHALL BE A MINIMUM 1/2" SCHEDULE 40 SOLVENT WELD. ALL LATERAL PIPES SHALL BE A MINIMUM 1/2" SCHEDULE 40 SOLVENT WELD. THE FOLLOWING PIPE SIZES ARE THE MINIMUM SIZES ALLOWED. PIPE SIZES SHOWN ON THE PLANS MAY BE ADDED TO COMPENSATE FOR HYDRAULIC LOSSES. SIZE ALL LATERAL PIPE TO MAINTAIN A MAXIMUM 10' PRESSURE DROP FROM THE VALVE TO THE MOST DISTANT POINT(S). ALL PVC FITTINGS SHALL BE SCHEDULE 80.</p>																	
<table> <tr> <th colspan="2">TYPE K COPPER</th><th colspan="2">SCHEDULE 40</th><th colspan="2">CLASS 200 & 315</th></tr> <tr> <th>FLOW (GPM)</th><th>PIPE SIZE</th><th>FLOW (GPM)</th><th>PIPE SIZE</th><th>FLOW (GPM)</th><th>PIPE SIZE</th></tr> </table>						TYPE K COPPER		SCHEDULE 40		CLASS 200 & 315		FLOW (GPM)	PIPE SIZE	FLOW (GPM)	PIPE SIZE	FLOW (GPM)	PIPE SIZE
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FLOW (GPM)	PIPE SIZE	FLOW (GPM)	PIPE SIZE	FLOW (GPM)	PIPE SIZE												

PLANT TYPE	PLANT SIZE	EMITTERS / PLANT	GPH / OUTLET	NO. OF OUTLETS	TOTAL GPH
TREE	15 GAL.	2 MULTI	2 GPH	2	4 GPH
TREE	24" BOX	2 MULTI	2 GPH	3	6 GPH
TREE	36" BOX	2 MULTI	2 GPH	4	8 GPH
TREE	48" BOX	2 MULTI	2 GPH	5	10 GPH

PLANT	PLANT
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[illegible]

TREE	15 GAL.	2 MULTI	2 GPH	4 GPH
TREE	24" BOX	2 MULTI	2 GPH	3
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Approved: Asst. Admin
Engineering Service

