

148270

Intersection improvements at SR-68 and SR-73
SARATOGA SPRINGS CITY
Federal ID No. 87-6000240
(Landscape Maintenance Agreement)

19480

AGREEMENT

THIS AGREEMENT, is made and entered into this 6 day of June 2013, by and between the **UTAH DEPARTMENT OF TRANSPORTATION**, hereinafter referred to as "**UDOT**" and **SARATOGA SPRINGS CITY**, a Municipal Corporation of the State of Utah, hereinafter referred to as the "**CITY**."

RECITALS

WHEREAS, **UDOT** owns the right-of-way on SR-68 and SR-73. **CITY** has prepared plans, plans, specifications for landscape treatments within the center median at the intersection of SR-68 and SR-73 (hereinafter referred to as the "Project"). The Project is located within Saratoga Springs, Utah County, Utah; and

WHEREAS, the parties hereto desire to enter into a maintenance agreement covering the installation and maintenance of the landscape treatment of center medians associated with the intersection of SR-68 and SR-73 as shown on the attached plans marked "EXHIBIT A" which are incorporated by reference.

AGREEMENT

NOW THEREFORE, it is agreed by and between the parties hereto as follows:

1. The **CITY**, at its cost, will provide and install water meters and vaults, and electrical supply to the irrigation controller on **UDOT** right-of-way at the location identified in the plans for the sole purpose of watering the installed landscaping.
2. The **CITY**, at its cost, will install all landscaping elements in compliance with EXHIBIT A.
3. The **CITY** will continue to have access to establish and maintain the landscaping and irrigation system within **UDOT** right-of-way as long as the work is outside the safety zone. All work within the right-of-way requires approved DOT orange clothing or outer wear. Any work within the

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safety zone will be allowed provided that traffic control is implemented according to the MUTCD guidelines. If work will require that lane(s) of traffic will be impacted, the **CITY** must obtain a permit from **UDOT** for approval of the traffic control plan in accordance with the MUTCD and applicable rules.

4. The **CITY**, at its cost, will establish and maintain the trees, shrubs and irrigation system during the term of this Agreement. If the trees or shrubs fail to survive, the **CITY** will remove, replant and establish plant materials. The **CITY** accepts maintenance responsibility for all systems of the Project, including the clearing of debris, weed control, trash and drainage.

5. The **CITY** will provide all necessary repairs to the irrigation system including winterizing and spring start-up.

6. The **CITY** will be responsible to maintain landscape rock/cobble within the median. Any displaced rock/cobble onto SR-68 or SR-73 must be removed by the **CITY** immediately. Any damage to vehicles, individuals or properties, as a result of displaced rock/cobble will be the responsibility of the **CITY**. The **CITY** also agrees to repair any damage to **UDOT**'s facilities caused by waterline breaks, over-watering or failure to maintain landscaping and irrigation facilities.

7. **UDOT** will remain the owner of the real property on which said landscape facilities are installed. Any significant changes to the landscaped areas will be reviewed and approved by **UDOT** before any work may begin. If **UDOT** decides to use the right-of-way for any of its projects, the **CITY** shall timely remove and/or relocate the landscaping improvements at the **CITY**'s expense and **UDOT** will not replace or reimburse the **CITY** for the improvements.

8. Failure on behalf of the **CITY** to abide by the terms established in this Agreement, will jeopardize future landscape enhancement projects by **UDOT**. The **CITY** agrees to pay any and all costs incurred by **UDOT** resulting in the **CITY**'s failure to maintain said landscaping.

9. After thirty (30) days of receipt of written notice to terminate the Agreement of one party to the other party, this Agreement will become null and void. If at such time and if required by **UDOT**, the **CITY** will restore the areas of landscape to **UDOT** standards or pay **UDOT** to perform this work.

10. The initial term of this Agreement will be ten years; then at the end of the ten year period, it will be automatically renewed by five year increments unless written notice of termination is given by a party.

11. The **CITY** and **UDOT** are both governmental entities as defined in the Utah Governmental Immunity Act (the "Act"). Nothing in this Landscape Maintenance Agreement shall be

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deemed as a waiver by either or both parties of any defenses or protections provided by the Act. Nor shall this Agreement be construed, with respect to third parties, as a waiver of any governmental immunity to which a party to this Agreement is otherwise entitled. The **CITY** agrees to indemnify, save harmless, and release **UDOT** from and against any and all loss, damages, injury, liability, suits, claims and proceedings arising out of the performance of this Agreement, or which damages, injuries, liability, suits, claims and proceedings, including but not limited to, vehicle damage and/or personal injury as a result of crashes caused in whole or in part by **CITY's** employees, officers, agents, and contractors, or by improper traffic control that are caused in whole or in part by the **CITY's** acts, omissions, failure to act, or negligence of the **CITY's** officers, agents, contractors, or employees, except where the claim arises out of the sole negligence of **UDOT**. This provision shall survive the termination of this Agreement. **CITY** shall indemnify **UDOT** for any losses, damages, injury, liability, claims, suits and proceedings arising out of the landscaping features installed by the **CITY** within **UDOT's** right-of-way.

12. This Agreement may be executed in counterparts by the **UDOT** and **CITY**.

13. This Agreement shall be governed by the laws of the State of Utah both as to interpretation and performance.

14. This Agreement in no way creates any type of agency relationship, joint venture, or partnership between the **CITY** and **UDOT**.

15. This Agreement, together with all exhibits and attachments, constitutes the entire agreement between the parties and supersedes any prior understandings, agreements, or representations, verbal or written. No subsequent modification or amendments will be valid unless in writing and signed by both parties.

16. Each party represents that it has the authority to enter into this Agreement.

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IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed by their duly authorized persons as of the day and year first above written.

ATTEST:

SARATOGA SPRINGS CITY CORPORATION,
a Municipal Corporation of the State of Utah

By: *[Signature]*

By: *[Signature]*

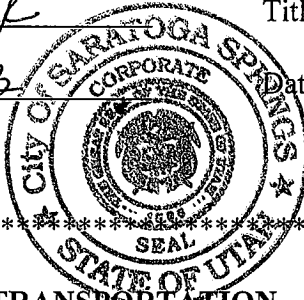
Title: City Recorder

Title: City Manager

Date: June 6, 2013

Date: June 6, 2013

(IMPRESS SEAL)



UTAH DEPARTMENT OF TRANSPORTATION

By: *[Signature]*
Region Utility and Railroad Coordinator

By: *[Signature]*
Region Director

Date: 9/13/13

Date: 9/26/13

APPROVED AS TO FORM:

This Form Agreement has been previously approved as to form by the Utah Attorney General's Office.

COMPTROLLER OFFICE

By: *[Signature]*
Contract Administrator

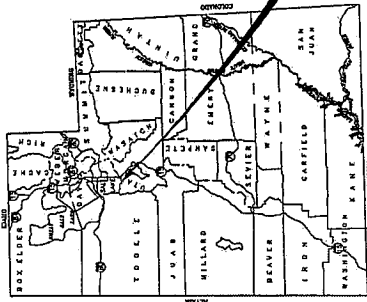
Date: 10-2-13

SHEET NO.	1
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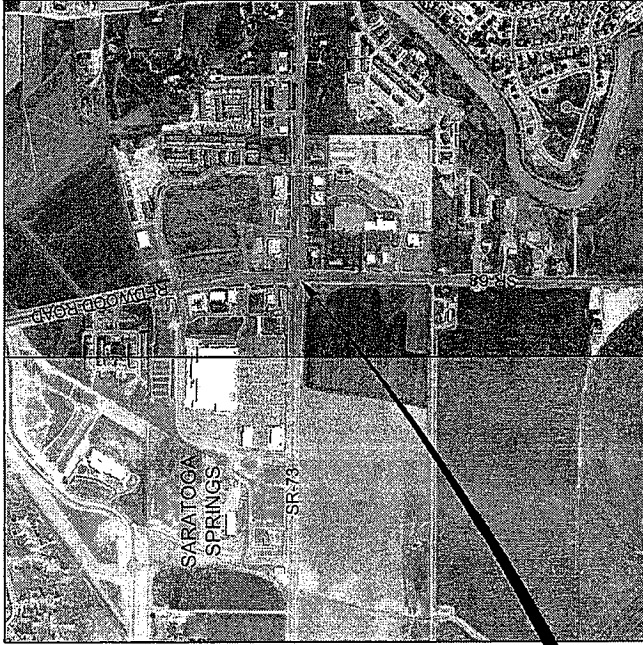
SARATOGA SPRINGS LANDSCAPE MEDIANS

SARATOGA SPRINGS, UTAH

- WEST MEDIAN ON SR-73
- EAST MEDIAN ON SR-73
- NORTH MEDIAN ON REDWOOD ROAD (SR-68)



PROJECT LOCATION

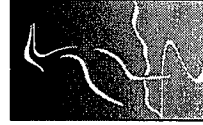


PROJECT LOCATION

SHEET INDEX	
SHEET	DESCRIPTION
TITLE SHEET	G-1
LANDSCAPING PLAN SHEETS	LS-01 TO LS-03
IRRIGATION PLAN SHEETS	IR-01 TO IR-03
DETAIL SHEETS	D1-08 TO D1-10
TOTAL SHEETS	10

CLIENT APPROVAL SIGNATURE _____ DATE 3-27-13

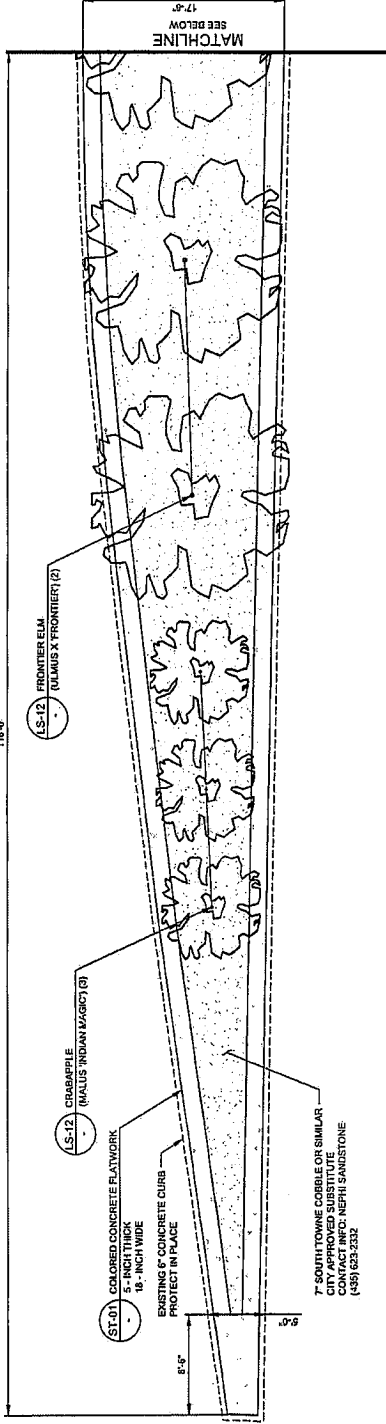
HORROCKS PROJECT MANAGER _____ DATE



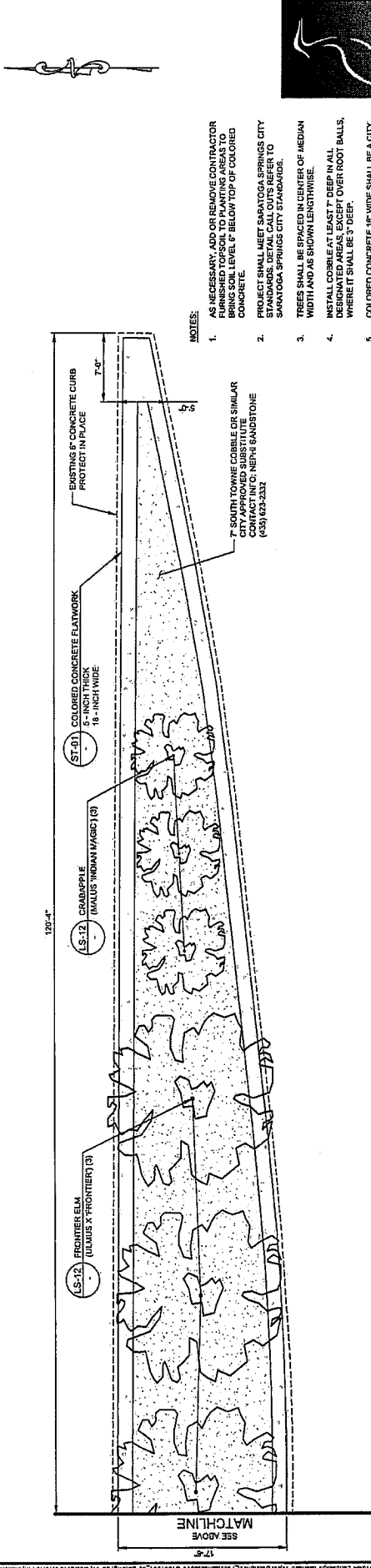
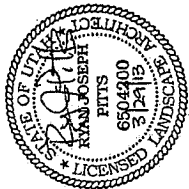
HORROCKS
ENGINEERS

VICINITY MAP





WEST MEDIAN ON SR-73



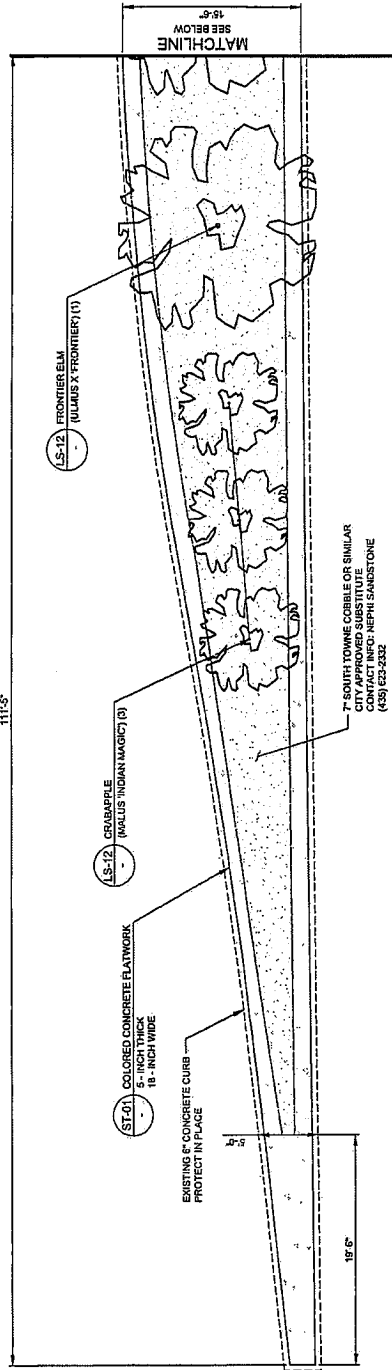
WEST MEDIAN ON SR-73
(CONTINUED)

- NOTES:**
- AS NECESSARY, ADD OR REMOVE CONTRACTOR FURNISHED TOPSOIL TO PLANTING AREAS TO LEVEL 1" BELOW TOP OF COLORED CONCRETE.
 - PROTECT SMALL NIPET OR NIPETA, SPRINGS CITY STANDARDS. DETAIL CALL OUTS REFER TO SARATOGA SPRINGS CITY STANDARDS.
 - TREES SHALL BE SPACED IN CENTER OF MEDIAN WIDTH AND AS SHOWN OTHERWISE.
 - INSTALL COBBLE AT LEAST 7" DEEP IN ALL UNSET AREAS. KEEP OVER ROOT BALLS, WHERE IT SHALL BE 5" DEEP.
 - COLORED CONCRETE IF WIRE SHALL BE A CITY APPROVED EARTH TONE COLOR TO MATCH COBBLE.
 - COLORED CONCRETE PLATWORK 5" INCH THICK. MATCH COBBLE PLATWORK AT 10' INTERVALS TO MATCH CURB AND BUTTER.

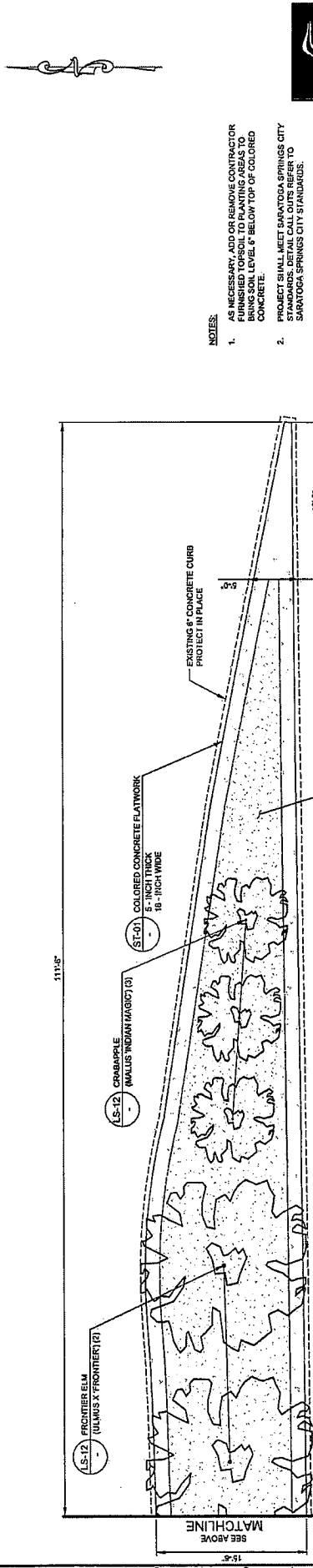


DATE	02/07/2013	BY	RJP	PROJECT NO.	
DATE	02/07/2013	BY	MJV	SHEET NO.	2 OF 10
DATE	02/07/2013	BY	DHD	DATE PLOTTED	02/07/2013
SARATOGA SPRINGS ROAD ISLANDS					LS-01
LANDSCAPE PLAN SHEET					
2453 West Grove Parkway Suite 400 Pleasant Grove, UT 84052 (801) 763-5100					
HORROCKS ENGINEERS					
WARNING 1/2" IF THIS DATE DOES NOT 0 DRAWING IS NOT TO SCALE					
SCALE	VERTICAL	1" = 10'	NA		
REVISIONS	NO.	DESCRIPTION			

EXHIBIT A

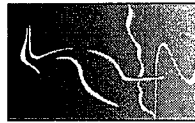


EAST MEDIAN ON SR-73

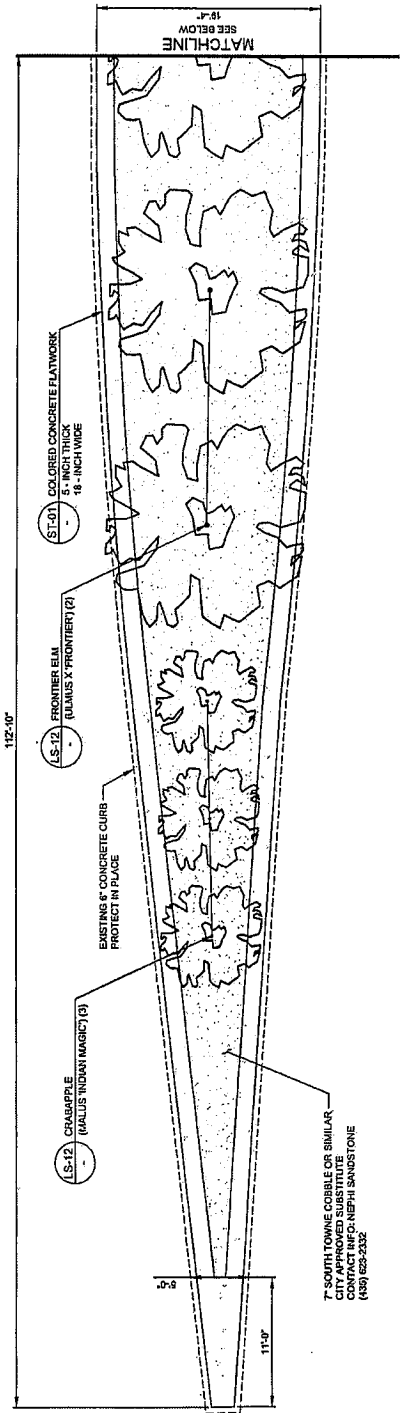


EAST MEDIAN ON SR-73
(CONTINUED)

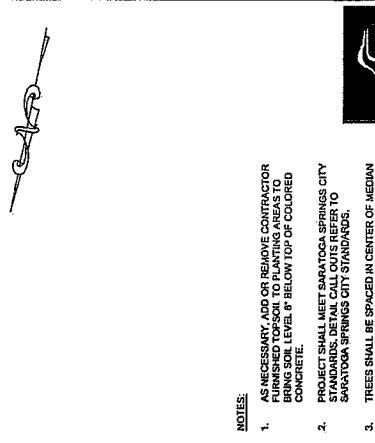
- NOTES:**
- AS NECESSARY, ADD OR REMOVE CONTRACTOR SPECIFIED TREES TO BRING SOIL LEVEL 6" BELOW TOP OF COLORED CONCRETE.
 - PROJECT SHALL MEET SARATOGA SPRINGS CITY STANDARDS. DETAIL CALL OUTS REFER TO SARATOGA SPRINGS CITY STANDARDS.
 - TREES SHALL BE SPACED IN CENTER OF MEDIAN WIDTH AND AS SHOWN LENGTHWISE.
 - INSTALL CORBLES AT LEAST 7" DEEP IN ALL DESIGNATED AREAS EXCEPT OVER ROOT BALLS, WHERE IT SHALL BE 3" DEEP.
 - COLORED CONCRETE 1/2" WIDE SHALL BE A CITY APPROVED EARTH TONE COLOR TO MATCH COBBLE.
 - COLORED CONCRETE FINISH SHALL BE A CITY APPROVED CONSTRUCTION JOINT AT 10' INTERVALS TO MATCH CURB AND GUTTER.



<p>WARNING</p> <p>1/2"</p> <p>IF THIS BAR DOES NOT FIT THIS DRAWING IS NOT TO SCALE</p>		<p>SCALE</p> <p>HORIZONTAL 1" = 10'</p> <p>VERTICAL NA</p>	<p>DATE</p> <p>02/27/2013</p>	<p>PROJECT NO.</p> <p>3 OF 10</p>
<p>DESIGNER</p> <p>RELATIONSHIP</p>	<p>DATE</p> <p>02/27/2013</p>	<p>DATE</p> <p>02/27/2013</p>	<p>DATE</p> <p>02/27/2013</p>	<p>DATE</p> <p>02/27/2013</p>
<p>REVISIONS</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>
<p>SARATOGA SPRINGS ROAD ISLANDS</p> <p>LANDSCAPE PLAN SHEET</p>				
<p>2165 West Grove Parkway Suite 400 Pleasant Grove, UT 84062 (801) 763-5100</p>				
<p>HORROCKS ENGINEERS</p>				



NORTH MEDIAN ON REDWOOD RD. SR-68



NORTH MEDIAN ON REDWOOD ROAD SR-68
(CONTINUED)

- NOTES:**
1. AS NECESSARY, ADD OR REMOVE CONTRACTOR FURNISHED TOPSOIL TO PLANTING AREAS TO BRING SOIL LEVEL 9" BELOW TOP OF COLORED CONCRETE.
 2. PROJECT SHALL MEET SARATOGA SPRINGS CITY STANDARDS. DETAIL CALL OUTS REFER TO SARATOGA SPRINGS CITY STANDARDS.
 3. TREES SHALL BE SPACED IN CENTER OF MEDIAN WIDTH AND AS SHOWN LENGTHWISE.
 4. INSTALL COBBLE AT LEAST 7" DEEP IN ALL DESIGNATED AREAS, EXCEPT OVER ROOT BALLS, WHERE IT SHALL BE 3" DEEP.
 5. COLORED CONCRETE 18" WIDE SHALL BE A CITY APPROVED EARTH TONE COLOR TO MATCH COBBLE.
 6. COLORED CONCRETE FLATWORK 5-INCH THICK. PLACE CONSTRUCTION JOINT AT 10' INTERVALS TO MATCH CURB AND GUTTER.



NO.	DATE	DESCRIPTION	BY	CHKD BY
1	02/07/2013			
2	02/07/2013			
3	02/07/2013			

SARATOGA SPRINGS ROAD ISLANDS
LANDSCAPE PLAN SHEET

2455 West Grove Parkway
Salt Lake City, UT 84162
(801) 765-5100



WARNING
1/2
IF THIS SCALE DOES NOT
FIT THIS DRAWING, CONTACT THE ARCHITECT.
DRAWING IS NOT TO SCALE

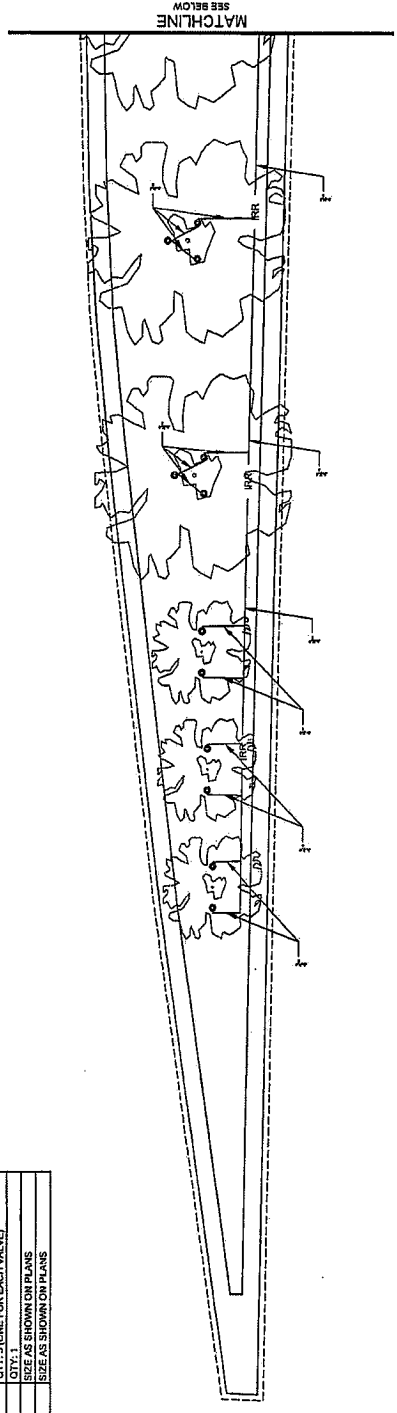
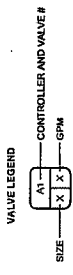
SCALE	REVISIONS
AS SHOWN 1" = 10'	NO REVISIONS

NO.	DATE	BY	DESCRIPTION

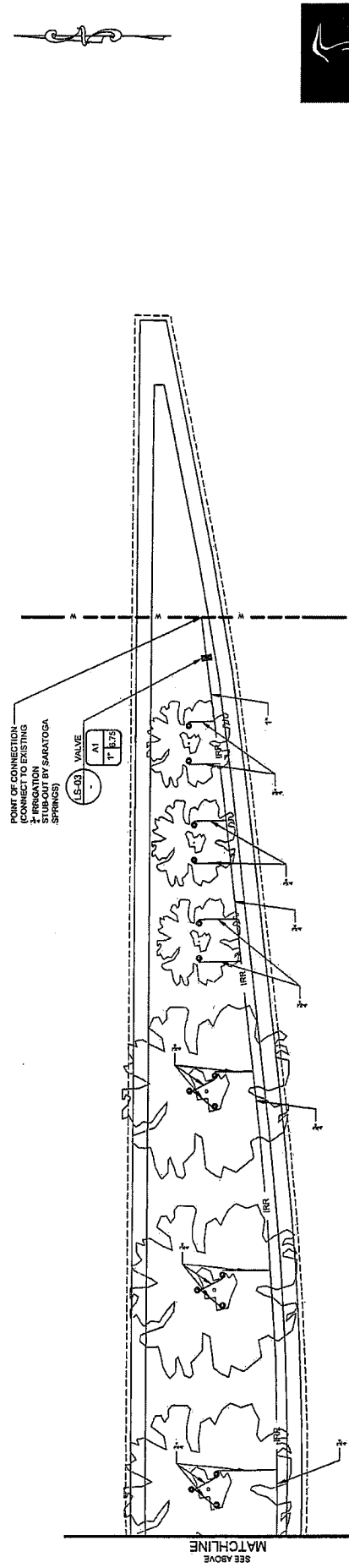
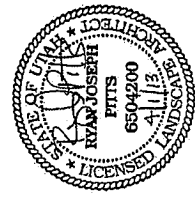
PROJECT NO. 02072013
SHEET NO. 4 OF 10
DRAWING NO. LS-03

EXHIBIT A

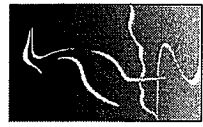
IRRIGATION LEGEND	
SYMBOL DESCRIPTION	REMARKS
① HUNTER POK-UP SPRAY HEAD, MODEL #PROS-2-CAANSI-PON-25	SEE U.S.A. SARATOGA SPRINGS STANDARDS
② HUNTER AUTOMATIC CONTROL VALVE, ICA-101G-DC-AS-30	SEE U.S.A. SARATOGA SPRINGS STANDARDS
③ HUNTER CONTROLLER, WVC-100	CITY: 2 (ONE FOR EACH VALVE)
④ HUNTER CONTROLLER, WVP	QTY: 1
⑤ SCHEDULE 40 PVC LATERAL LINE	SIZE AS SHOWN ON PLANS
⑥ SCHEDULE 40 PVC MAIN LINE	SIZE AS SHOWN ON PLANS



WEST MEDIAN ON SR-73



WEST MEDIAN ON SR-73
(CONTINUED)

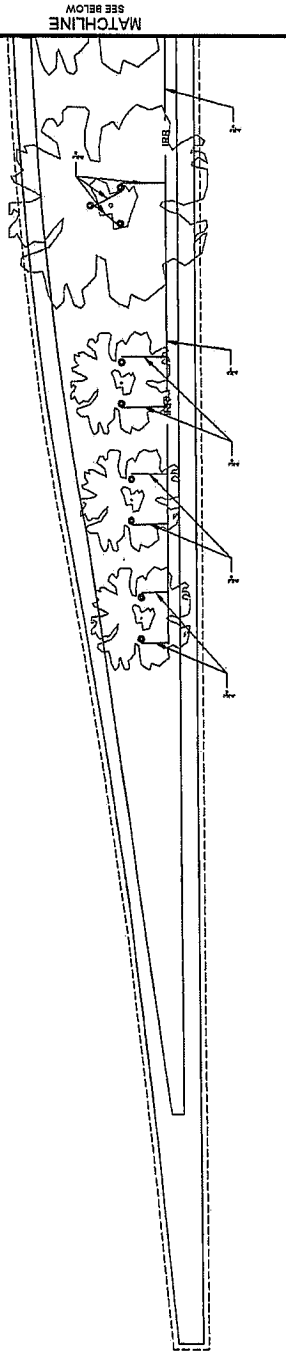
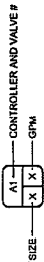


SCALE		WARNING		SARATOGA SPRINGS ROAD ISLANDS		DATE	
HORIZONTAL	1" = 10'	IF THIS SCALE DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE	12"	PROJECT NO.	02/12/2013	RIP	02/12/2013
VERTICAL	NA			DATE	02/12/2013	MAJW	02/12/2013
REVISIONS				DATE	02/12/2013	DRWD	02/12/2013
				2163 West Grove Parkway Suite 400 Pleasant Grove, UT 84062 (801) 763-5100			
				IRRIGATION PLAN SHEET			
				IR-01			

EXHIBIT A

SVI DESCRIPTION	REMARKS
1. HUNTER POP UP SPRAY HEAD, MODEL #RCS-FCVANSURCNZS	SEE L.S.3 SARATOGA SPRING STANDARDS
2. HUNTER AUTOMATIC CONTROL VALVE, ICV-101 (PVC) AS-30	SEE L.S.3 SARATOGA SPRING STANDARDS
3. HUNTER CONTROLLER, WVC-100	QTY: 1 ONE FOR EACH VALVE
4. HUNTER CONTROLLER, WVP	QTY: 1
5. SCHEDULE 40 PVC LATERAL LINE	SIZE AS SHOWN ON PLANS
6. SCHEDULE 40 PVC MAIN LINE	SIZE AS SHOWN ON PLANS

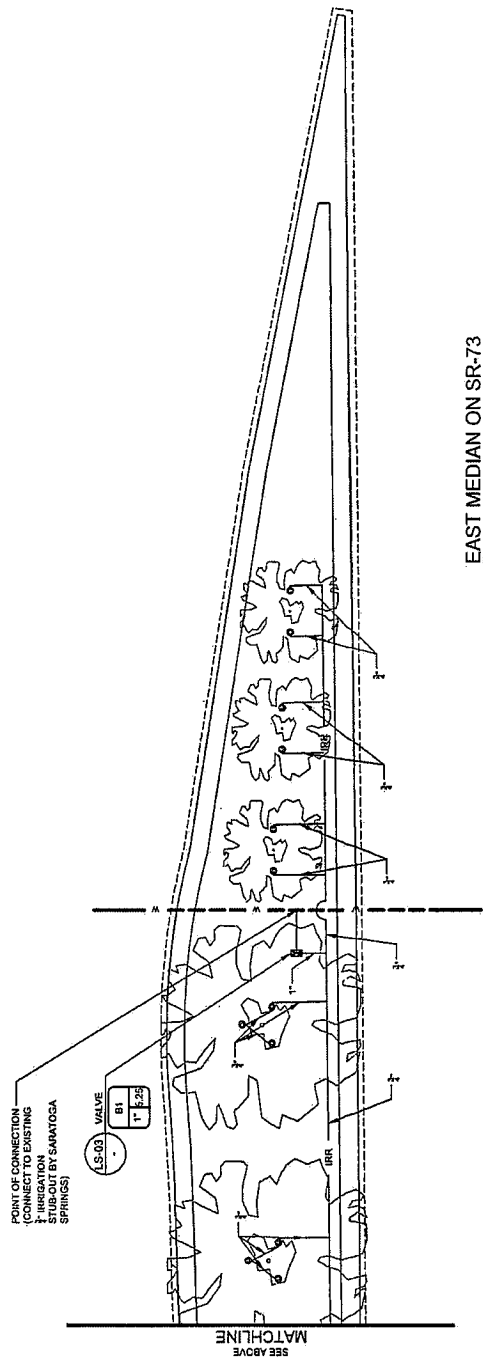
VALVE LEGEND



EAST MEDIAN ON SR-73



POINT OF CONNECTION
TO EXISTING
IRRIGATION
STUB-OUT BY SARATOGA
SPRINGS



EAST MEDIAN ON SR-73
(CONTINUED)

PROJECT NO.	02/122013
DATE	02/12/2013
DATE	02/12/2013
SHEET NO.	6 OF 10
DATE	02/12/2013
PROJECT NO.	02/122013
PROJECT NO.	02/122013
PROJECT NO.	02/122013
PROJECT NO.	02/122013

SARATOGA SPRINGS ROAD ISLANDS
IRRIGATION PLAN SHEET

3455 West Grove Parkway
Suite 400
Preston Grove, UT 84082
(801) 765-8100

HORROCKS
ENGINEERS

WARNING
1/2
IF THIS DRAWING IS NOT
MEASURED 1" THEN
DRAWING IS NOT TO SCALE

SCALE
HORIZONTAL 1" = 10'
VERTICAL NA

REVISIONS

NO.	DATE	BY	DESCRIPTION

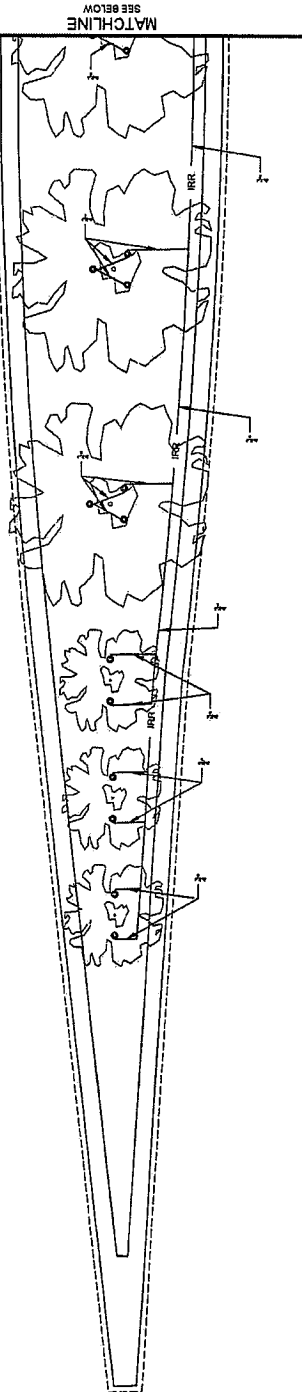
EXHIBIT A

VALVE LEGEND

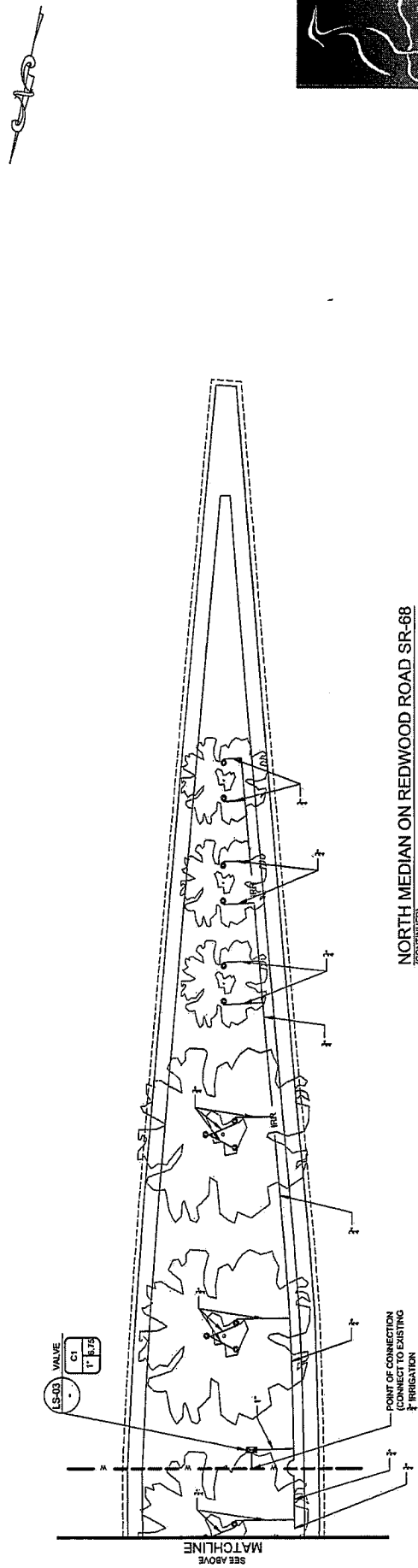
AT	CONTROLLER AND VALVE
X	GPM
SIZE	

IRRIGATION LEGEND

SYM DESCRIPTION	REMARKS
○	HUNTER POP UP SPRAY HEAD, MODEL #BROS-E-CVANS/PCV-25
□	HUNTER AUTOMATIC CONTROL VALVE, IGV-161G-DC-AS-30
○	HUNTER CONTROLLER, WVC-100
○	HUNTER CONTROLLER, WVP
---	SCHEDULE 40 PVC LATERAL LINE
---	SCHEDULE 40 PVC MAIN LINE



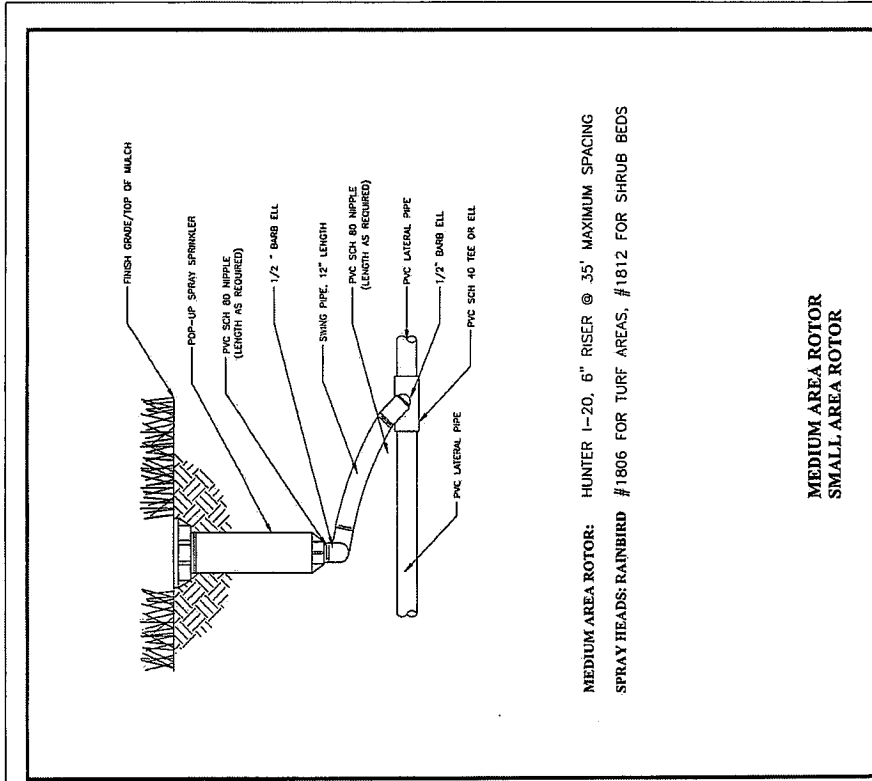
NORTH MEDIAN ON REDWOOD RD. SR-68



NORTH MEDIAN ON REDWOOD ROAD SR-68
(CONTINUED)



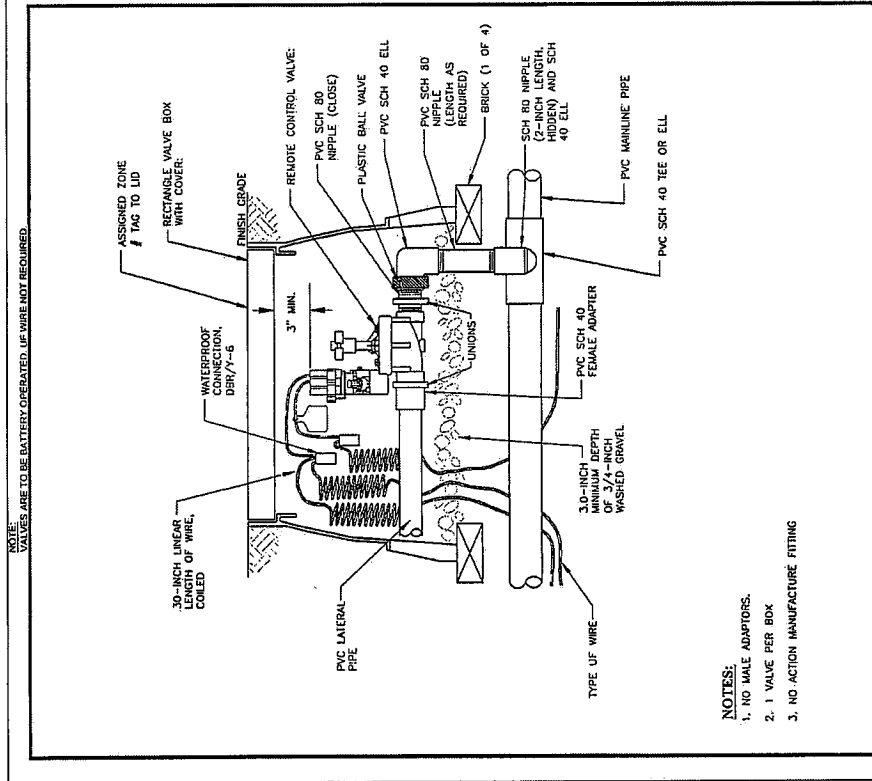
DATE	02/12/2013	PROJECT	IR-03
DATE	02/12/2013	SHEET NO	7 OF 10
DATE	02/12/2013	OWNER	UNIVERSITY OF UTAH
DATE	02/12/2013	DESIGNER	DND
SCALE		REVISIONS	
HORIZONTAL	1" = 10'	NO.	BY
VERTICAL	NA	DATE	BY
WARNING		SARATOGA SPRINGS ROAD ISLANDS	
IF THIS SCALE DOES NOT MATCH THE DRAWING IS NOT TO SCALE		IRRIGATION PLAN SHEET	
2145 West Grove Parkway Suite 400 Provo, UT 84602 (801) 753-5100		HORROCKS ENGINEERS	



MEDIUM AREA ROTOR: HUNTER I-20, 6" RISER @ 35' MAXIMUM SPACING
SPRAY HEADS: RAINBIRD #1806 FOR TURF AREAS, #1812 FOR SHRUB BEDS

**MEDIUM AREA ROTOR
 SMALL AREA ROTOR**

DATE: 02/12/2013		DESIGNED BY: B	DATE: 02/12/2013	PROJECT NO.
DRAWING NAME: SPRINKLER SYSTEM		DESIGNED BY: B	CHECKED BY: B	SHEET NO. 8 OF 10
DRAWING DATE: 02/12/2013		DESIGNED BY: B	CHECKED BY: B	DRAWING NO. DT-01
PROJECT: SARATOGA SPRINGS CITY		STANDARD DETAILS		
PROJECT: SARATOGA SPRINGS CITY		LS-6		



- NOTES:**
 1. NO MALE ADAPTORS.
 2. 1 VALVE PER BOX
 3. NO ACTION MANUFACTURE FITTING

DATE: 02/12/2013		DESIGNED BY: C	DATE: 02/12/2013	PROJECT NO.
DRAWING NAME: SPRINKLER SYSTEM		DESIGNED BY: C	CHECKED BY: C	SHEET NO. 8 OF 10
DRAWING DATE: 02/12/2013		DESIGNED BY: C	CHECKED BY: C	DRAWING NO. DT-01
PROJECT: SARATOGA SPRINGS CITY		STANDARD DETAILS		
PROJECT: SARATOGA SPRINGS CITY		LS-3		

WARNING
 IF THIS BAR DOES NOT FIT
 DRAWING IS NOT TO SCALE

SCALE	1/2"
HORIZONTAL	NA
VERTICAL	NA

HORROCKS ENGINEERS

SARATOGA SPRINGS ROAD ISLANDS
 DETAIL SHEET

2145 West Grove Parkway
 Suite 400
 Pleasant Grove, UT 84102
 (801) 763-5100

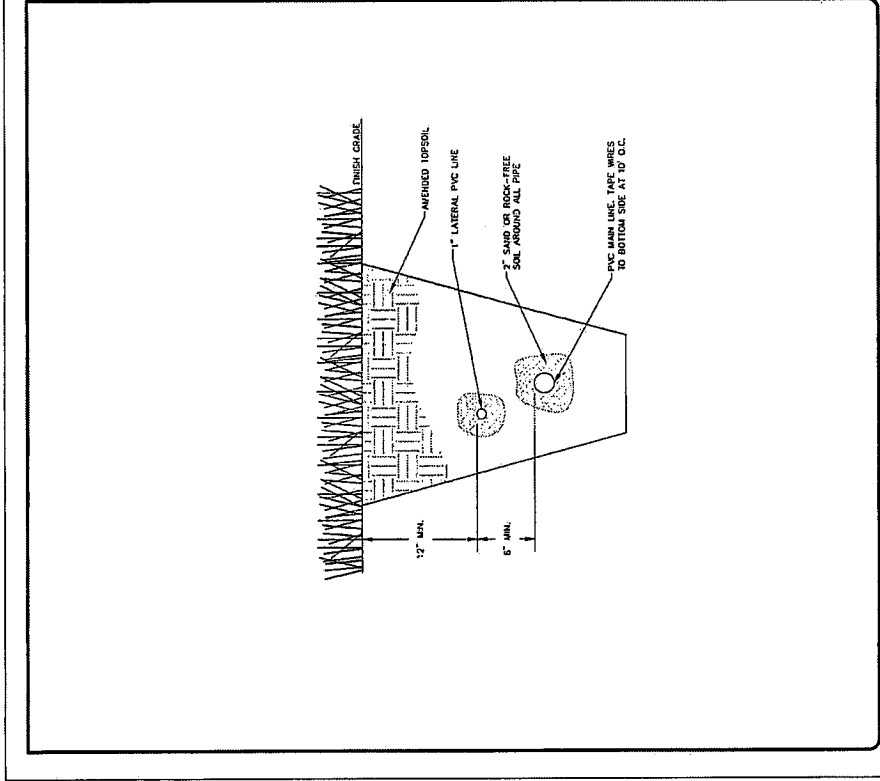
PROJECT NO.	DT-01
SHEET NO.	8 OF 10
DRAWING NO.	DT-01

CHECKED	DATE	BY
B	02/12/2013	B
B	02/12/2013	B
B	02/12/2013	B



SARATOGA SPRINGS CITY

DATE: 02/12/2013		DESIGNED BY: B	DATE: 02/12/2013	PROJECT NO.
DRAWING NAME: SPRINKLER SYSTEM		DESIGNED BY: B	CHECKED BY: B	SHEET NO. 8 OF 10
DRAWING DATE: 02/12/2013		DESIGNED BY: B	CHECKED BY: B	DRAWING NO. DT-01
PROJECT: SARATOGA SPRINGS CITY		STANDARD DETAILS		
PROJECT: SARATOGA SPRINGS CITY		LS-3		

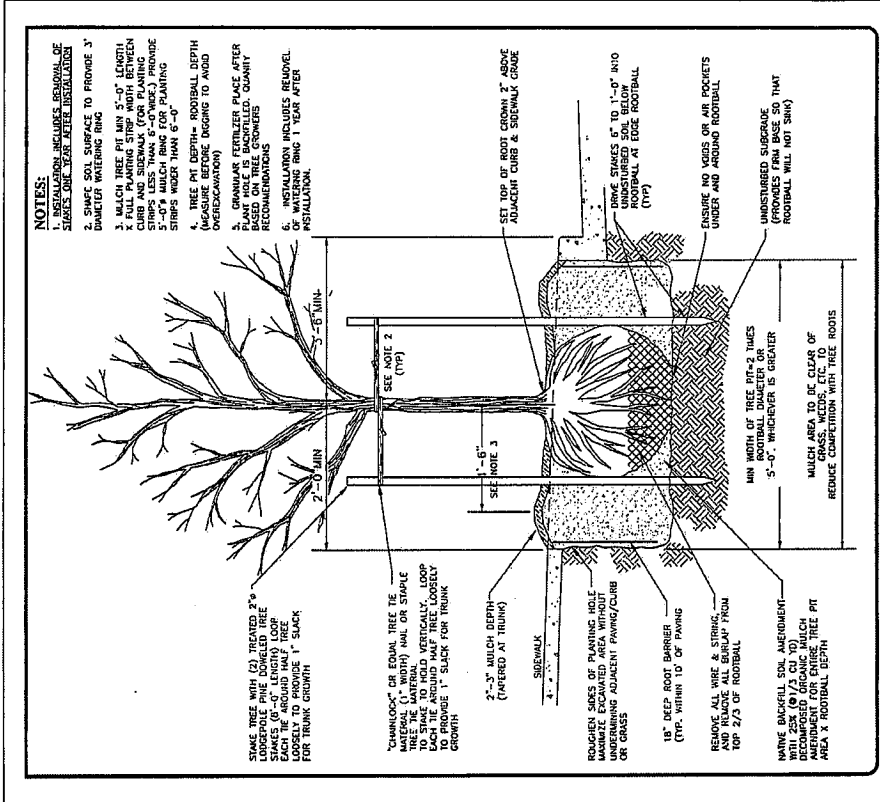


SPRINKLER SYSTEM PIPE/TRENCH DETAIL

DATE: FEBRUARY 2013	REVISED: COMPLETE
DRAWING NAME: DRINKING WATER	PROJECT: SARATOGA SPRINGS CITY
DESIGNED BY: CJP	CHECKED BY: JPP

STANDARD DETAILS: LANDSCAPE

LS-9



TREE STAKING PLANTING DETAIL

DATE: FEBRUARY 2013	REVISED: COMPLETE
DRAWING NAME: DRINKING WATER	PROJECT: SARATOGA SPRINGS CITY
DESIGNED BY: CJP	CHECKED BY: JPP

STANDARD DETAILS: LANDSCAPE

LS-12

- NOTES:**
1. INSTALLATION INCLUDES REMOVAL OF EXISTING SOIL SURFACE TO PROVIDE 3" DEEPER WATERING RING
 2. MULCH AREA 2' FROM TRUNK TO CURB AND SIDEWALK (FOR PLANTING STRIPS LESS THAN 8" WIDE) PROVIDE STRIPS WIDER THAN 6" x 20"
 3. TREE PIT DEPTH- ROOTBALL DEPTH (MEASURE BEFORE DIGGING TO AVOID OVEREXCAVATION)
 4. GRANULAR FERTILIZER PLACE AFTER ROOTBALL IS SET IN PLACE. QUANTITY BASED ON TREE SPECIES RECOMMENDATIONS
 5. INSTALLATION INCLUDES REMOVAL OF WATERING RING 1 YEAR AFTER INSTALLATION.

PROJECT NO.	DATE	REVISION	DATE
	02/12/2013	RIP	02/12/2013
		PLAN	
		LMV	02/12/2013
		CHECK	
		DHD	02/12/2013

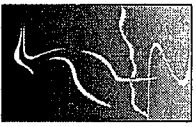
1452 West Grove Parkway
Suite 400
Pleasant Grove, UT 84062
(801) 765-5100

SARATOGA SPRINGS ROAD ISLANDS

DETAIL SHEET

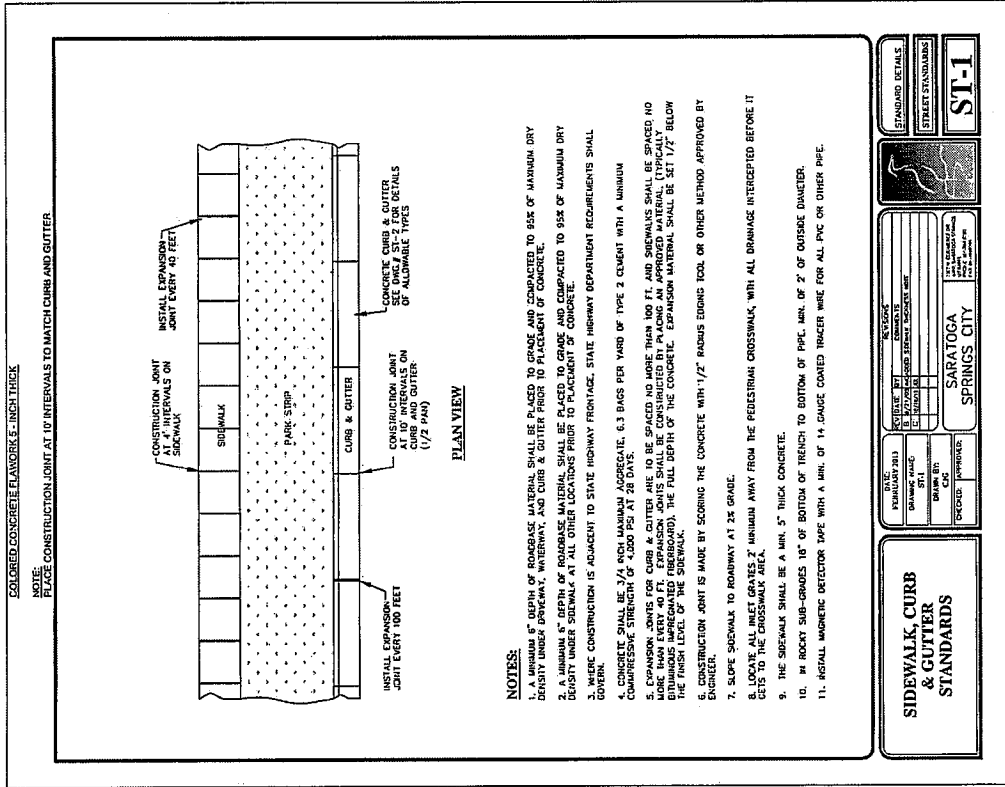
9 of 10

DT-02



WARNING
1/2
IF THIS SCALE DOES NOT
FIT THE SHEET, THE
DRAWING IS NOT TO SCALE

SCALE	NO.
1/2"	1
1/4"	2
3/8"	3
1/2"	4
3/4"	5
1"	6
1 1/2"	7
2"	8
3"	9
4"	10
5"	11
6"	12
7"	13
8"	14
9"	15
10"	16
11"	17
12"	18
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15"	21
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81"	87
82"	88
83"	89
84"	90
85"	91
86"	92
87"	93
88"	94
89"	95
90"	96
91"	97
92"	98
93"	99
94"	100



- NOTES:**
1. A MINIMUM 6" DEPTH OF ROADBASE MATERIAL SHALL BE PLACED TO GRADE AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY UNDER PAVEMENT, WATERWAY, AND CURB & GUTTER PRIOR TO PLACEMENT OF CONCRETE.
 2. A MINIMUM 6" DEPTH OF ROADBASE MATERIAL SHALL BE PLACED TO GRADE AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY UNDER SIDEWALK AT ALL OTHER LOCATIONS PRIOR TO PLACEMENT OF CONCRETE.
 3. WHERE CONSTRUCTION IS ADJACENT TO STATE HIGHWAY FRONTAGE, STATE HIGHWAY DEPARTMENT REQUIREMENTS SHALL GOVERN.
 4. CONCRETE SHALL BE 3/4" MICH MAXIMUM AGGREGATE, 6.3 BAGS PER YARD OF TYPE 2 CEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
 5. EXPANSION JOINTS FOR CURB & GUTTER ARE TO BE SPACED NO MORE THAN 100 FT. AND SIDEWALKS SHALL BE SPACED NO MORE THAN 40 FT. EXPANSION JOINTS SHALL BE PLACED AT 40' INTERVALS ON SIDEWALKS AND AT 10' INTERVALS ON CURB AND GUTTER. EXPANSION MATERIAL SHALL BE SET 1/2" BELOW THE FINISH LEVEL OF THE SIDEWALK.
 6. CONSTRUCTION JOINT IS MADE BY SCORING THE CONCRETE WITH 1/2" RADIUS EDGING TOOL OR OTHER METHOD APPROVED BY ENGINEER.
 7. SLOPE SIDEWALK TO ROADWAY AT 2% GRADE.
 8. LOCATE ALL INLET GRATES 2' MINIMUM AWAY FROM THE PEDESTRIAN CROSSWALK, WITH ALL DRAINAGE INTERCEPTED BEFORE IT GETS TO THE CROSSWALK AREA.
 9. THE SIDEWALK SHALL BE A MIN. 5" THICK CONCRETE.
 10. IN ROCKY SUB-GRADES 18" OF BOTTOM OF TRENCH TO BOTTOM OF PIPE, MIN. OF 2' OF OUTSIDE DIAMETER.
 11. INSTALL MAGNETIC DETECTOR TUBE WITH A MIN. OF 14" GAUGE COATED TRACER WIRE FOR ALL PVC OR OTHER PIPE.

SIDEWALK, CURB & GUTTER STANDARDS		SARATOGA SPRINGS CITY	
DESIGNED BY	DATE	PROJECT NO.	DATE
CHECKED BY	DATE	SECTION	DATE
APPROVED BY	DATE	SCALE	DATE
REVISIONS	DATE	BY	DATE

HORROCKS ENGINEERS

155 West Grove Parkway
Suite 400
Pleasant Grove, UT 84062
(801) 783-5100

ST-1

WARNING
1/2"
IF THIS BAR DOES NOT SCALE
DRAWING IS NOT TO SCALE

SARATOGA SPRINGS ROAD ISLANDS

DETAIL SHEET

DATE	02/12/2013	PROJECT NO.	
DATE	02/12/2013	SECTION	10 of 10
DATE	02/12/2013	DATE	02/12/2013
DATE	02/12/2013	DATE	02/12/2013

