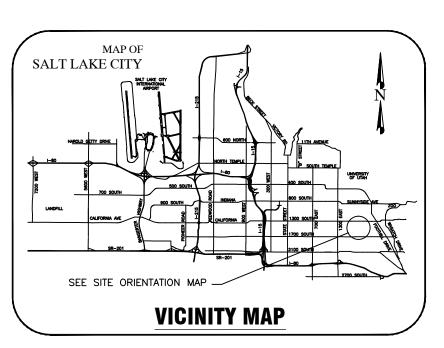
SALT LAKE CITY CORPORATION



OWNER

DEPARTMENT OF: COMMUNITY AND ECONOMIC DEVELOPMENT ENGINEERING DIVISION

DIRECTOR - MARY DELAMARE SCHAEFER CITY ENGINEER - JEFF SNELLING, S.E.

349 SOUTH 200 EAST, SUITE 100 SALT LAKE CITY, UTAH 84111 OFFICE - 801.535.7961 FAX - 801.535.6093

CITY OFFICIALS

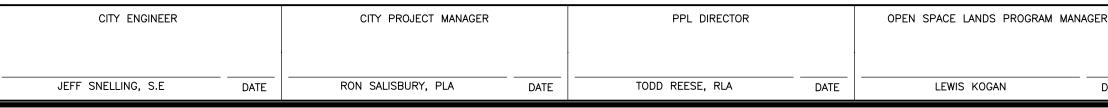
	MAYOR	RALPH BECKER
CITY COUNCIL	DIST. 1	JAMES ROGERS
	DIST. 2	KYLE LAMALFA
	DIST. 3	STAN PENFOLD
	DIST. 4	LUKE GARROTT
	DIST. 5	ERIN MENDENHALL
	DIST. 6	CHARLIE LUKE
	DIST. 7	LISA ADAMS

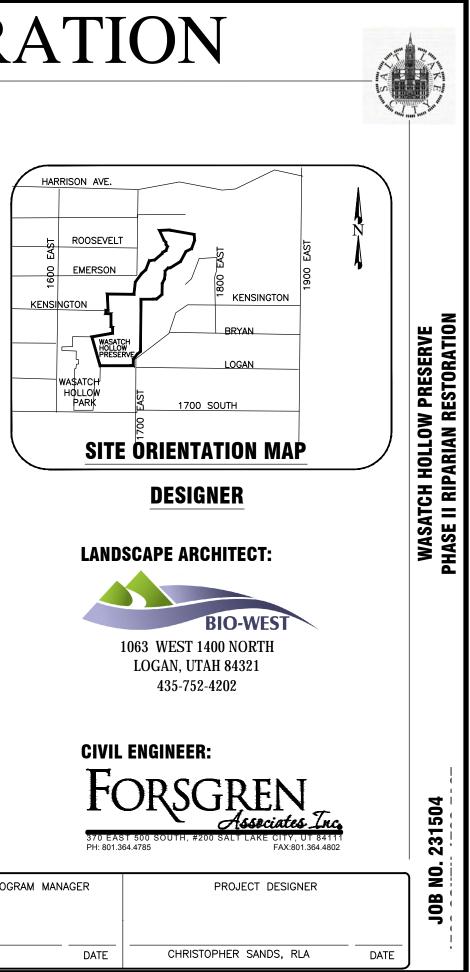
WASATCH HOLLOW PRESERVE
PHASE II RIPARIAN RESTORATION
JOB NO. 231504
1596 SOUTH 1700 EAST

SHEET SET ASSEMBLY ORDER

<u>SHEET</u> <u>DESIGNATOR</u> GI001	BINDING ORDER 1	<u>SHEET</u> <u>TITLE</u> GENERAL INFORMATION COVER SHEET
G1002	2	GENERAL INFORMATION NOTES
LD101	3	LANDSCAPE DEMOLITION PLAN
LS101 - LS103	4 - 6	LANDSCAPE SITE PLAN
LP101 - LP103	7 - 9	LANDSCAPE PLANTING PLAN
LI101 - LI103	10 - 12	LANDSCAPE IRRIGATION PLAN
LS401 - LS405	13 - 17	LARGE SCALE VIEWS
DT501 - DT507	18 - 25	DETAILS
CI101 - CI102	26 - 27	CIVIL IMPROVEMENT PLAN







GENERAL NOTES

Project Limits

All construction activity shall be confined to the project limit of disturbance (footprint) including any staging/stockpile areas. Do not disturb, excavate or work beyond project limits of disturbance without permission from the Owners Representative.

<u>Site Mapping</u> Basis of bearing for plans is UTM NAD 83 Zone 12N. The base survey was provided by Forsgren Associates, Inc. Verification of survey mapping is the responsibility of the Contractor.

Survey Staking

Survey staking is the responsibility of the Contractor. The Contractor may obtain CAD files from the Designer for staking and layout purposes.

Permits

The Contractor is required to comply with all construction related requirements in each permit issued for the project.

Utilities

Utility locations have not been surveyed. It is the responsibility of the Contractor to perform all utility locations at least 48 hours prior to excavation, call 1(800)662-4111. It is the responsibility of the Contractor to protect all existing sewer, water, gas and electric utilities encountered in the work. Any relocation or improvements of utilities shall be accurately noted on as-built drawings and issued to the Owners Representative at the completion of the project.

<u>Temporary Construction Facilities</u> All temporary utilities and facilities will be the responsibility of the Contractor. A construction trailer is not required. Potable water is not available on site and shall be provided by the Contractor. A chemical toilet of suitable type shall be provided and maintained by the Contractor at all times. The Contractor is responsible for job site conditions and the safety for human life during the course of construction. This requirement shall apply continuously during the period of construction and is not limited to normal working hours.

The Contractor shall keep job site area clean, hazard free and dispose of all debris, rubbish and construction waste, and remove all abandoned materials from the site. All disturbed staging and access areas are to be restored to pre-construction condition. The Contractor is responsible to reclaim (regrade, seed and mulch) construction features not specified as remaining on the site and clean up all areas at the completion of the project.

Construction Spoils and Waste Handling

Items encountered below grade and not shown on the drawings shall be brought to the attention of the Owners Representative. All construction spoils and waste are the responsibility of the Contractor and shall be disposed of at an approved landfill facility.

Clearing and Grubbing

Existing on-site materials shall be carefully removed and stored for re-use, or disposed of at an approved landfill facility. All existing vegetation not in designated excavation areas and not designated for removal is to be protected in place. Completely remove stumps, roots, shrubs, weeds, and other debris protruding from the ground in areas to be excavated.

Site Earthwork and Grading

The Contractor is responsible for all site earthwork and grading activities to meet designs identified in plans and details, which are intended to show final result of design. Modifications may be required to suit job site conditions encountered during construction and shall be included in as-built drawings provided to the Owners Representative at completion of the project.

All stream channel banks affected by construction activities shall be stabilized and protected throughout construction.

Backfill and embankment material shall be composed of suitable excavated soils.

Existing topsoil shall be excavated and salvaged by Contractor for use in landscaping and grading activities. Topsoils used in landscaping shall have acidity range (pH) from 5.5 to 7.5 and a minimum organic content of 3%

Topsoil shall be placed at 80% to 90% maximum dry density and subsoil at 85% minimum compaction as determined by the Standard Proctor Method (ASTM D0698-66T or AASHTO T99). All existing topsoils shall be salvaged and utilized for revegetation activities to the extent possible.

Site Construction Notes

All tree removal activities and site disturbance activities shall occur only after a Nesting Bird Survey has been conducted within the construction site footprint and all protocols and protective measures are followed.

All planting and seeding activities shall occur during the designated seeding and planting window from September 15 to December 1 unless in areas with irrigation or otherwise authorized by the Owners Representative.

Where ground conditions are damp and equipment traffic would result in excessive ground compaction and rutting, use construction mats to access active work areas.

Use a water truck or other suitable watering device as needed to control dust.

Inspect payed roads adjacent to the project site regularly for mud tracking; sweep roadways as needed and ensure roads are left clean at the end of each shift.

Clean site and dispose of construction waste as permitted.

Temporary Environmental/Safety Fence Install fencing to demarcate active work areas as appropriate based on construction phasing.

The Contractor is responsible to keep access to Private Property open at all times during construction.

The Contractor is responsible for installing water control measures as needed to perform stream work in dry conditions. Water control measures include but are not limited to diversions, culverts, sumps with pumps or other means necessary to divert surface water away from the active work area.

Storm Water Pollution Prevention Plan Notes 1. No earth shall be disturbed until erosion control measures are in place.

2. Erosion control measures will be maintained and remain in place until re-vegetation measures have been established.

3. Monitor, inspect, and maintain all erosion control measures as needed to prevent erosion and sediment discharge into creek. Adjust locations of measures and install additional measures as construction phasing requires. Disturbed areas where construction activity has ceased will be stabilized in accordance with State UPDES and Salt Lake City requirements. Submittal of NOI and acquisition of UPDES Storm Water General Permit for Construction Activities (UTR300000) is the responsibility of the Contractor.

4. The Contractor is responsible for implementing and utilizing Best Management Practices (BMPs) to prevent storm water runoff and water pollution during construction activities. The Contractor is responsible for supplying equipment and plans that provide both dust and fire control during project construction. Use caution when working in and around wet areas. If potential hazardous materials are encountered, contact the Owners Representative immediately. Grading And Drainage Plan Notes

1. Contractor to stake the boundary of the grading area for approval from the Owners Representative prior to grading.

2. Contractor is responsible for erosion, dust and temporary drainage control during grading operations.

3. Fill areas are to be compacted throughout to a minimum of 90% relative compaction.

4. Contractor is responsible for the location and protection of all utilities.

5. Export soil, if any, must be transported to a legal landfill or permitted site.

Landscape Planting Plan Notes

1. The planting plan is diagrammatic. Plant locations are approximate. Exact locations of plant materials to be approved by the Owners Representative in the field prior to installation

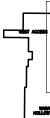
2. All plant material shall conform to the guidelines established by "The American Standard for Nursery Stock", published by the American Association of Nurservmen, Inc.

3. No substitution of plant species will be allowed without the written approval of the Owners Representative.

4. Locate and verify all utility line locations prior to staking and report any conflicts to the Owners Representative.

5. Do not install plant material until the rough grading of topsoil is approved by the Owners Representative.

6. Hand water plant material until established.

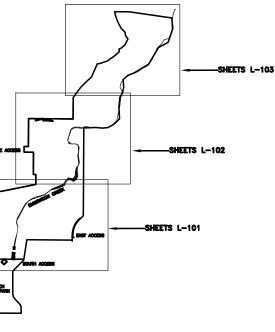


WENT

ABBREVIATIONS

APPROX
AVG
BC
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CL CY
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EXIST FG
FG
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SITE ORIENTATION KEY







LEGEND

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PROJECT BOUNDARY

EMIGRATION CREEK (NOT SURVEYED)

EXISTING WATER LINE

EXISTING OVERHEAD POWER LINE

EXISTING TRAIL TO BE DECOMMISSIONED

EXISTING FENCE TO BE REMOVED

AREA OF DEBRIS AND TRASH TO BE EXCAVATED AND REMOVED.

EXISTING INVASIVE / NON-NATIVE TREE TO BE REMOVED BY OTHERS. ALL OTHER EXISTING TREES TO BE RETAINED AND PROTECTED UNLESS THEY ARE UNABLE TO BE SAVED AS A RESULT OF SITE GRADING AND SITE IMPROVEMENTS.

EXISTING LANDSCAPE ROCK WALL AND STEPS TO BE REMOVED.

EXISTING ASPHALT PAVING TO BE REMOVED.

DEMOLISION WORK WITH STORMWATER INPROVEMENTS AT EMERSON STREET AND 1700 EAST STREET BY OTHERS. PREPARER CONSULTANTS: Forsgren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364–4785 PROFESSIONAL SEAL:

REPARER:

BIO-WES

www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utah 84321

95° REVIEN 95° REVIEN NOT FOR CONSTRUCTION

PROJECT IDENTIFICATION:

WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION

PROJECT OWNER:

SALT LAKE CITY CORPORATION ENGINEERING

349 South 200 East, Suite 100 Salt Lake City, Utah 84114-5506 Phone: (801)535-6157

MARK DATE DESCRIPTION

PREPARER #: CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWN BY: S. DAVENPORT

CHECKED BY: C. SANDS COPYRIGHT: SHEET TITLE:

LANDSCAPE DEMOLITION PLAN

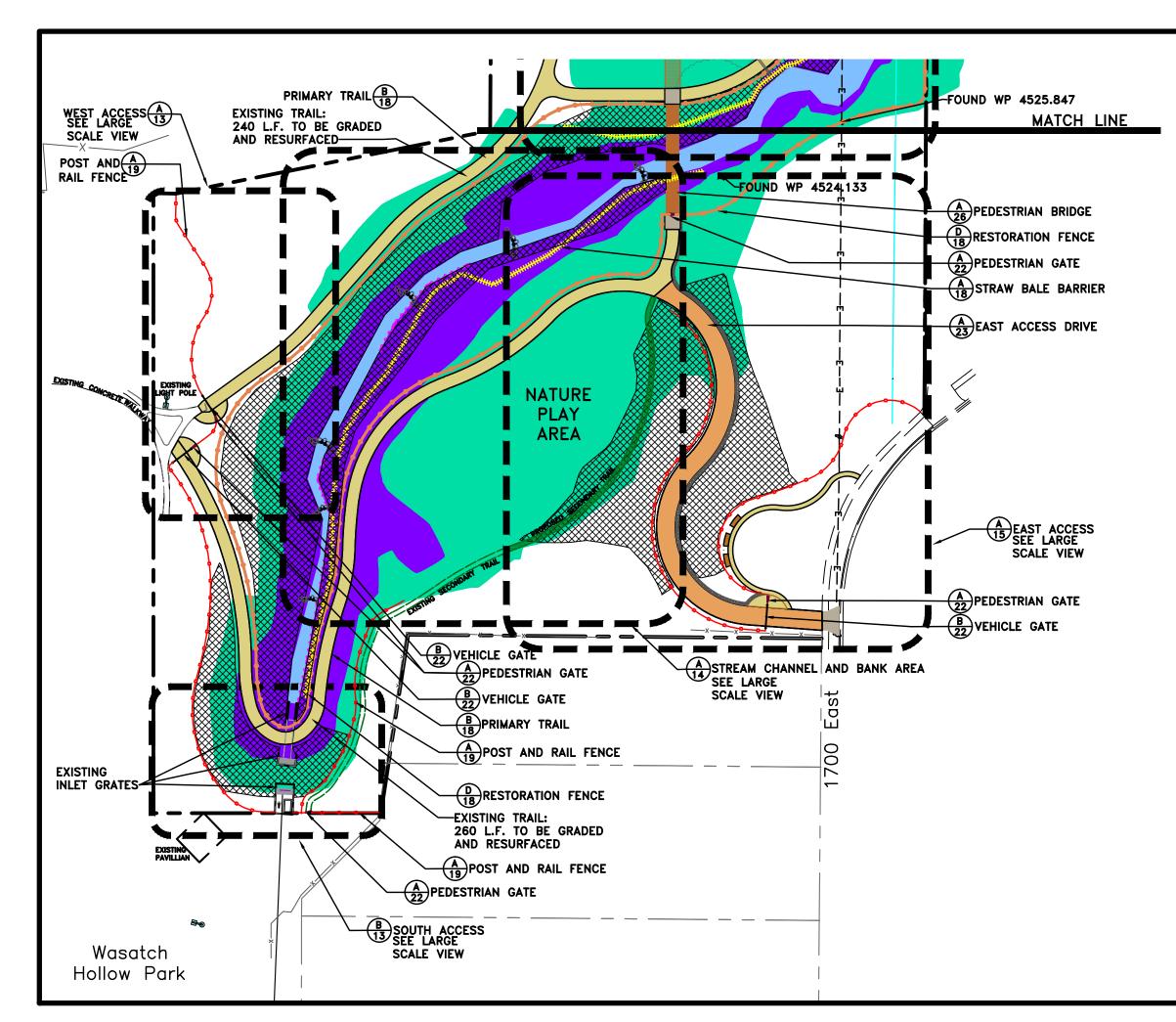
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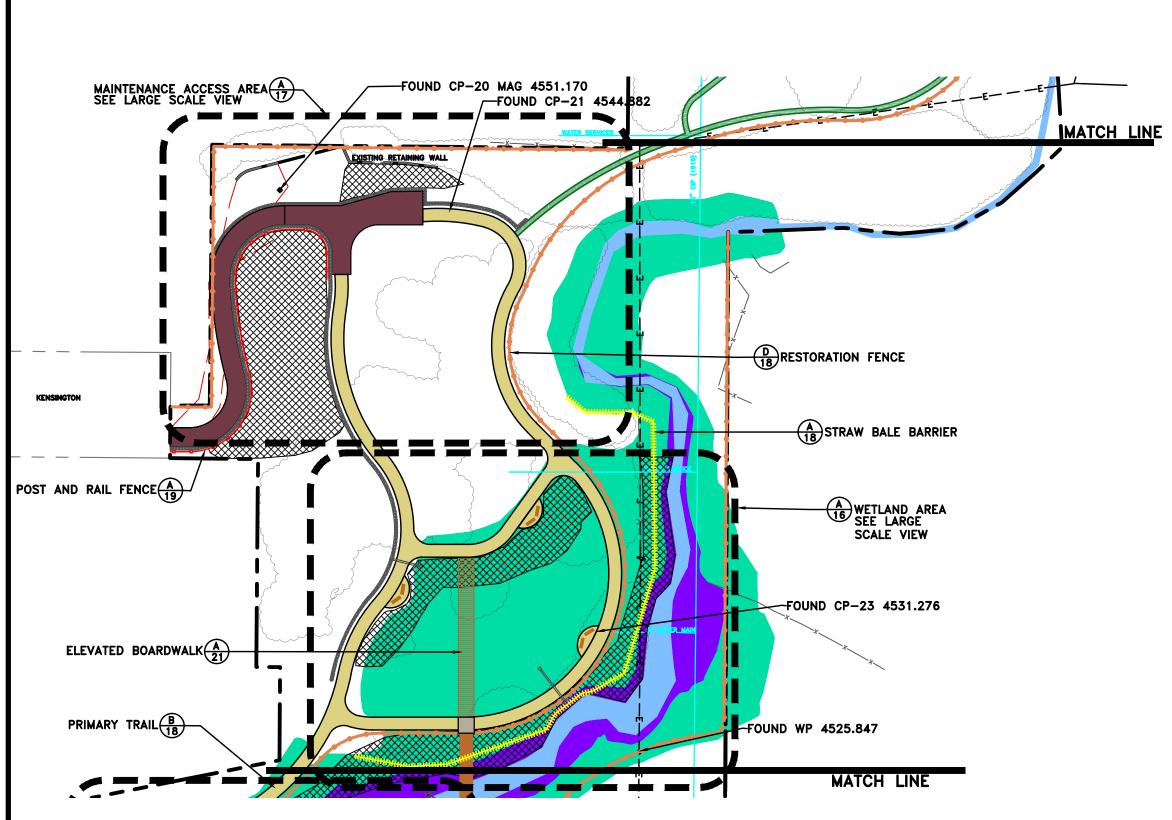
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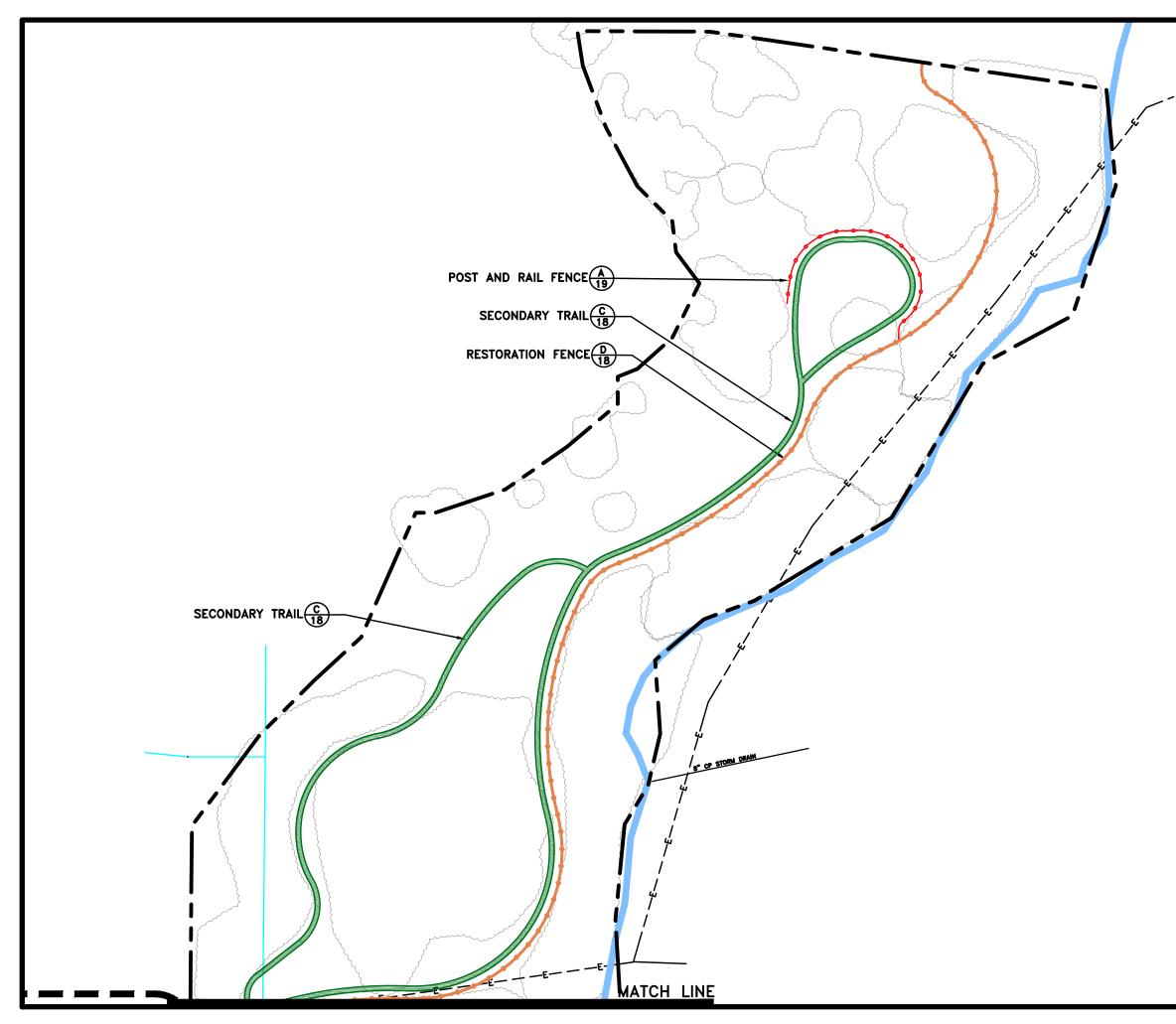
EPARER: LEGEND 4 BIO-WEST - PROJECT BOUNDARY www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utah 84321 EMIGRATION CREEK CREEK INUNDATION AREA ELEVATION 4521' REPARER CONSULTANTS: Forsgren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785 CREEK INUNDATION AREA ELEVATION 4529' EXISTING WATER LINE EXISTING OVERHEAD POWER LINE ROFESSIONAL SEAL: EXISTING FENCE PROPOSED PEDESTRIAN RIMARY TRAIL PROPOSED PEDESTRIAN SECONDARY TRAIL PROPOSED POST & RAIL FENCE PROPOSED RESTORATION FENCE PROPOSED CONCRETE SURFACE ROJECT IDENTIFICATION: PROPOSED LIMESTONE CRUSHER FINES SURFACE WASATCH HOLLOW PRESERVE PROPOSED ASPHALT PAVING PHASE II RIPARIAN RESTORATION PROPOSED EROSION CONTROL BLANKET (SLOPES 3:1 OR >) PROPOSED STRAW BALE BARRIER PROPOSED ROCK LINED SWALE PROPOSED ROCK TOE ROJECT OWNER: SALT LAKE CITY PROPOSED ROCK WEIR CORPORATION ENGINEERING È DETAIL BINDING ORDER SHEET NO. 349 South 200 East, Suite 100 Salt Lake City, Utah 84114–5506 Phone: (801)535–6157 MARK DATE DESCRIPTION PREPARER #: CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS KEY MAP SHEET TITLE LANDSCAPE SITE PLAN HEET IDENTIFIER: LS101 120' 30' 60'

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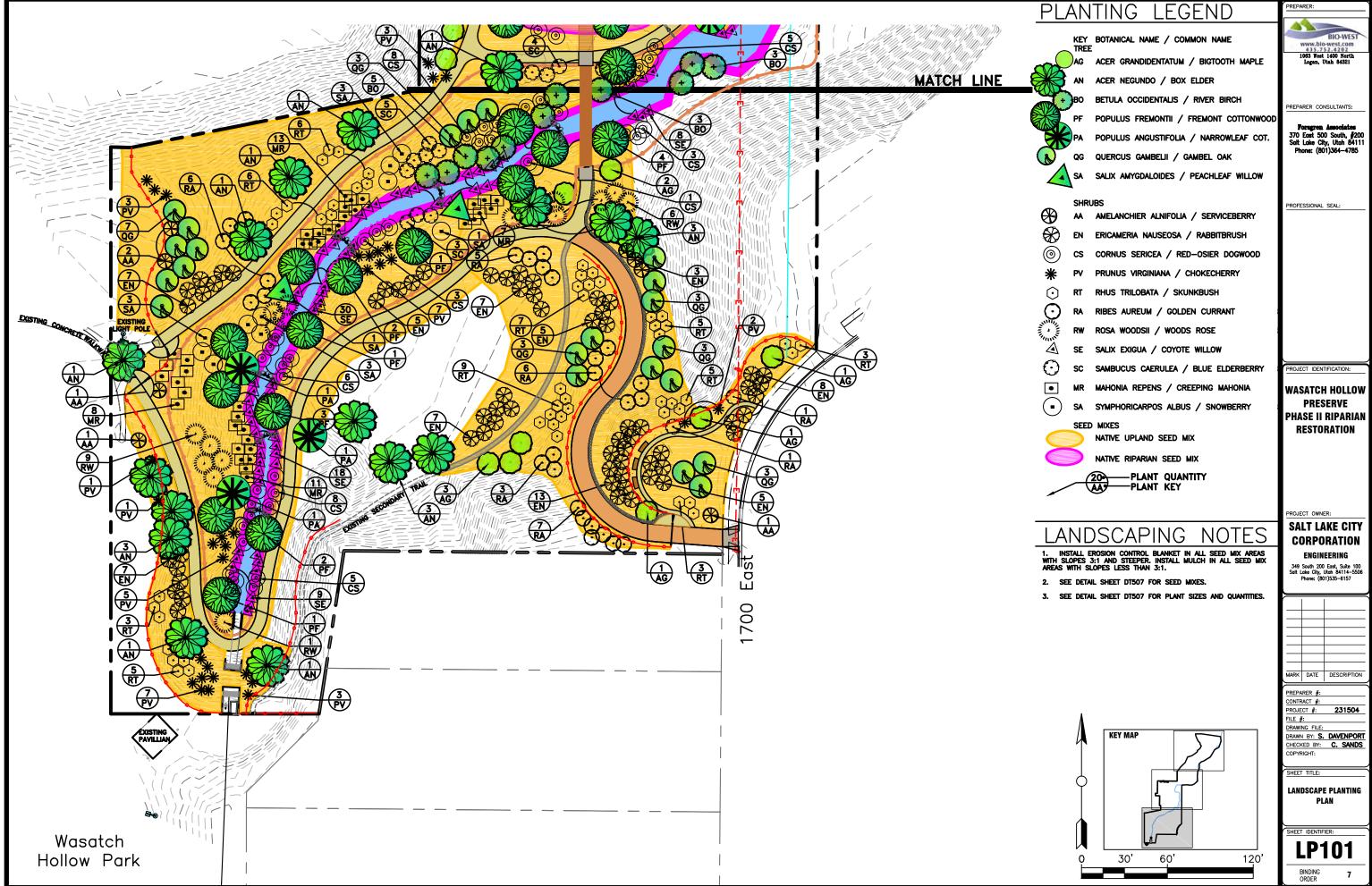
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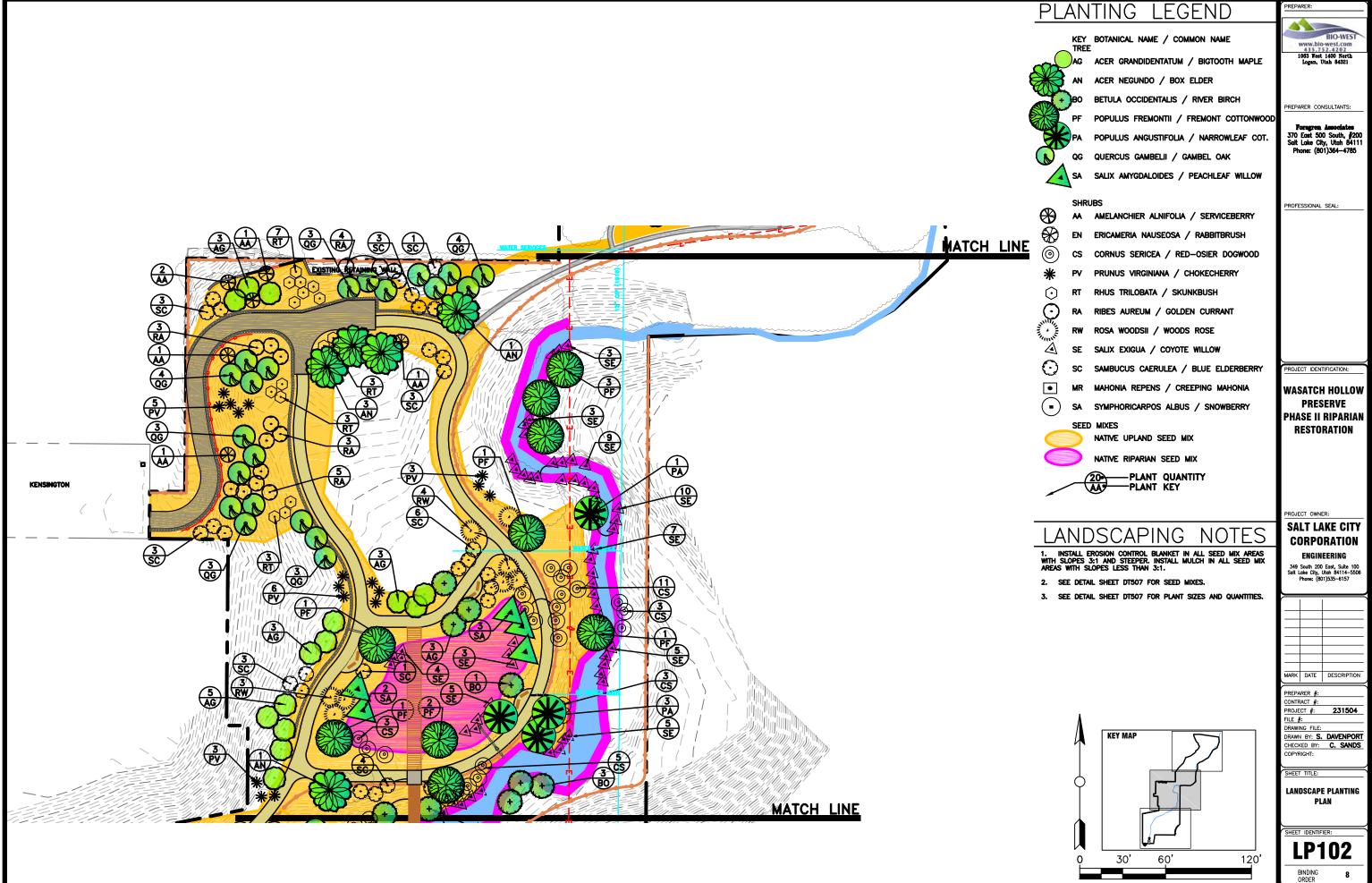


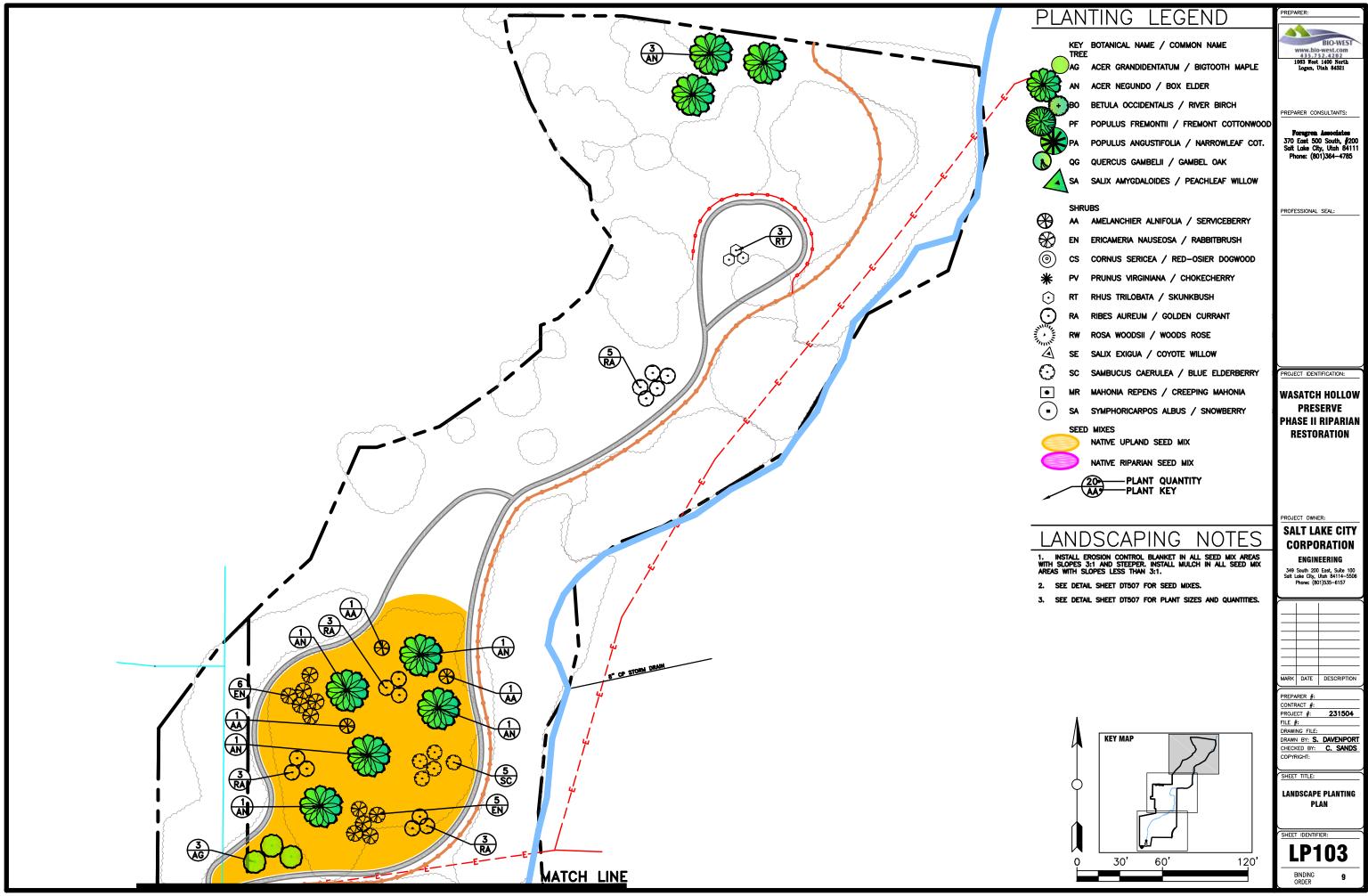
REPARER: LEGEND 43 BIO-WEST - - PROJECT BOUNDARY www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utah 84321 EMIGRATION CREEK CREEK INUNDATION AREA ELEVATION 4521' REPARER CONSULTANTS: Foragren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785 CREEK INUNDATION AREA ELEVATION 4529' EXISTING WATER LINE - EXISTING OVERHEAD POWER LINE ROFESSIONAL SEAL: - EXISTING FENCE -x-PROPOSED PEDESTRIAN PRIMARY TRAIL PROPOSED PEDESTRIAN SECONDARY TRAIL PROPOSED POST & RAIL FENCE PROPOSED RESTORATION FENCE PROPOSED CONCRETE SURFACE PROJECT IDENTIFICATION: PROPOSED LIMESTONE CRUSHER FINES SURFACE WASATCH HOLLOW PRESERVE PROPOSED ASPHALT PAVING PHASE II RIPARIAN RESTORATION PROPOSED EROSION CONTROL BLANKET (SLOPES 3:1 OR >) PROPOSED STRAW BALE BARRIER PROPOSED ROCK LINED SWALE PROPOSED ROCK TOE ~~~~~~ PROJECT OWNER: SALT LAKE CITY PROPOSED ROCK WEIR CORPORATION € -DETAIL BINDING ORDER SHEET NO. ENGINEERING 349 South 200 East, Suite 100 Salt Lake City, Utah 84114–5506 Phone: (801)535–6157 MARK DATE DESCRIPTION PREPARER #: CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS KEY MAP OPYRIGHT SHEET TITLE: LANDSCAPE SITE PLAN HEET IDENTIFIER: LS103 30' 60' 120'

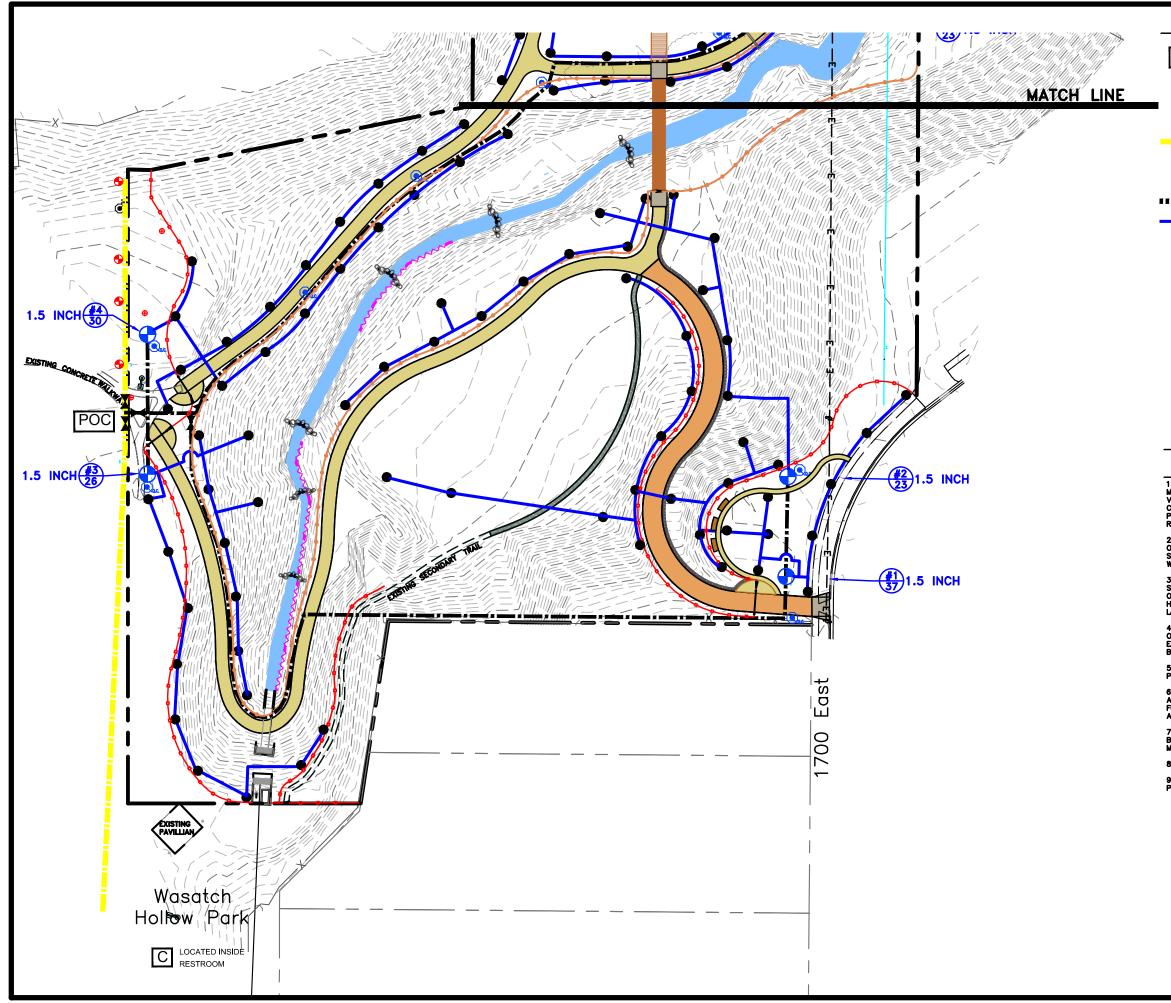
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IRRIGATION LEGEND

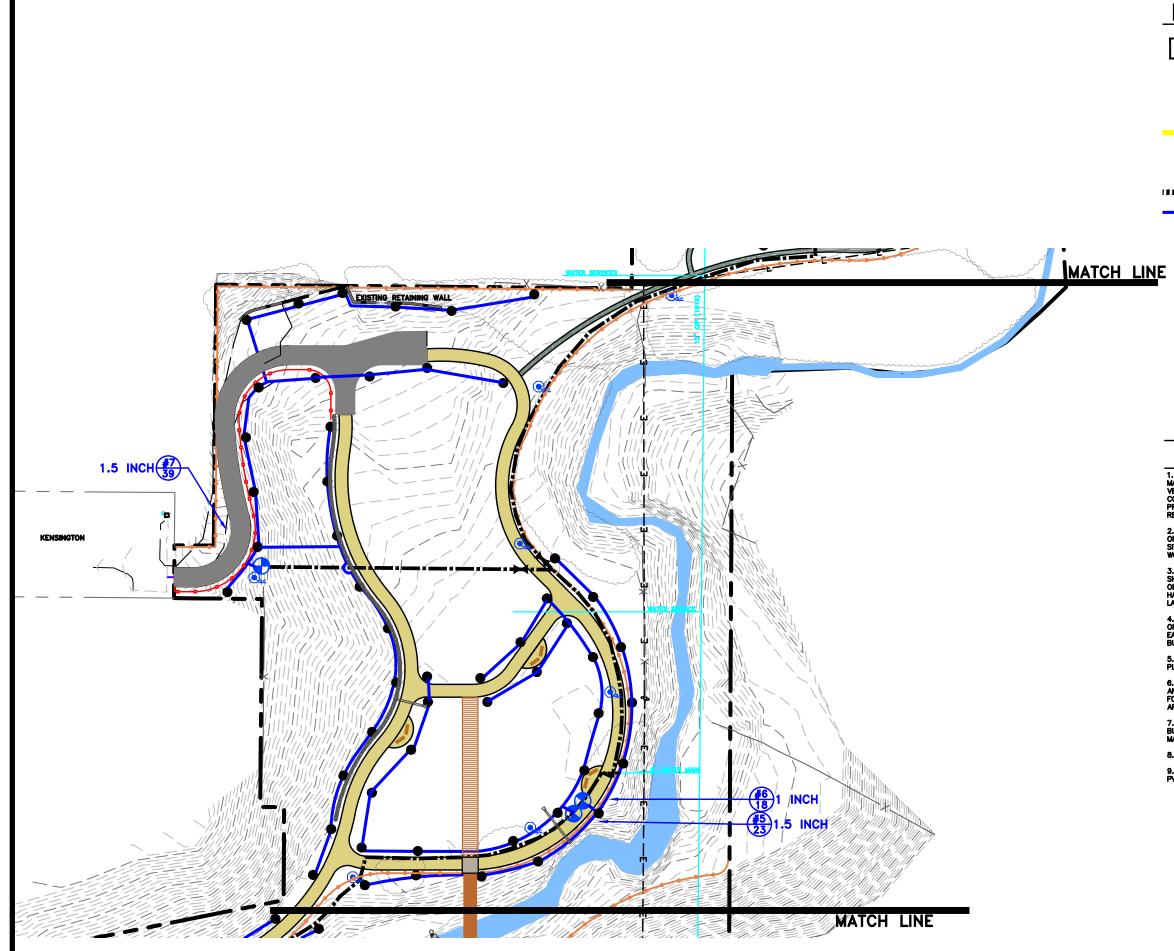
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C EXIST. 24 STATION CONTROLLER (8 STATIONS AVAILABLE, LOCATED INSIDE RESTROOM)	PREPARER
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S EXIST. CONTROL VALVE (APPROXIMATE)	370 East Salt Lake
EXIST. IRRIGATION HEAD (APPROXIMATE)	Phone:
2" SCH. 40 IRRIGATION MAINLINE (DETAIL F/DT508)	>
SCH. 40 LATERAL, SIZE AS NOTED (DETAIL F/DT508)	PROFESSIO
ISOLATION VALVE: LEEMCO LMV SERIES, LINE SIZE. IN A CARSON 910 VALVE BOX WITH LID. (DETAIL C/DT508)	
REMOTE CONTROL VALVE: RAIN BIRD PEB INSIDE A CARSON VALVE BOX WITH LID. (DETAIL A/DT508)	
QUICK COUPLER: RAIN BIRD 44LRC INSIDE A CARSON 910 VALVE BOX W/ LID. (DETAIL B/DT508)	
 ROTOR SPRAY HEAD: RAIN BIRD 5000 SERIES 5012-PL-PC/FC-SAM-R-SS NOZZLE 1.5 	
(© 35 PSI: 34' RAD. 1.54 GPM) (DETAIL D/DT508)	
WALVE NO.	PROJECT
289 GPMS	WASAT
IRRIGATION NOTES	PR Phase
I. THIS PORTION OF THE IRRIGATION SYSTEM IS DESIGNED FOR WAXIMUM OF 39 GALLONS PER MINUTE AT 75 PSI STATIC MIN. VERIFY THE AVAILABLE WATER PRESSURE AT THE P.O.C. PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER RESSURE SHOWN ON THE PLANS AND THE ACTUAL PRESSURE READING AT THE P.O.C. TO THE LANDSCAPE ARCHITECT IN WRITING.	RES
2. IT IS THE CONTRACTORS RESPONSIBILITY TO BE KNOWLEDGEABLE OF ALL UTILITIES, STRUCTURES AND GRADE DIFFERENCES ON THE STRE AND TO REPAR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER.	
3. Do not deliberately install the irrigation system as shown on these plans if there are any ornous destructions or inconsistencies in the field that might not ave been anticipated in the irrigation design. Notify the andscape architect of any such differences in writing.	PROJECT OF SALT COR
4. ADJUST ALL SPRINKLER HEADS, VALVES AND EQUIPMENT FOR DPTIMUM COVERAGE, AND ADJUST ARC RADIUS AND NOZZLE OF EACH SPRINKLER TO AVOID SPRAYING ONTO WALKS, STREETS, JUILDING, ETC.	349 South Salt Lake (Phone
5. COORDINATE IRRIGATION HEAD LOCATIONS WITH PLANT MATERIAL PLACEMENT.	
5. This irrigation design is diagrammatic. Where valves, piping and etc. Are shown outside of planting areas, the intent is for this equipment to be installed within the planting areas.	
ALEAS. 7. INSTALL ALL IRRIGATION EQUIPMENT NOT DETAILED OR SPECIFIED 3UT REQUIRED FOR A FULLY OPERATING SYSTEM PER MANUFACTURERS SPECIFICATIONS.	
B. RETAIN AND PROTECT ALL EXISTING IRRIGATION EQUIPMENT.	MARK DA
9. SLEEVE ALL PIPE UNDER PAVING OR TRAILS ETC. WITH SCH. 40 PVC PIPE THAT IS 2X DIA. OF PIPE TO BE SLEEVED.	PREPARER
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PREPARER: BIO-WEST ww.bio-west.com 435.752.4202 63 West 1400 North Logan, Utah 84321 CONSULTANTS: agrea Associates 1st 500 South, #200 1ke City, Utah 84111 e: (801)364-4785 IONAL SEAL: IDENTIFICATION: TCH HOLLOW RESERVE E II RIPARIAN STORATION OWNER: LAKE CITY RPORATION GINEERING th 200 East, Suite 100 City, Utah 84114–5506 we: (801)535–6157 ATE DESCRIPTION 231504 FILE: <u>Y: S. DAVENPORT</u> BY: C. SANDS CAPE IRRIGATION PLAN ENTIFIER: LI101 BINDING ORDER 10



IRRIGATION LEGEND

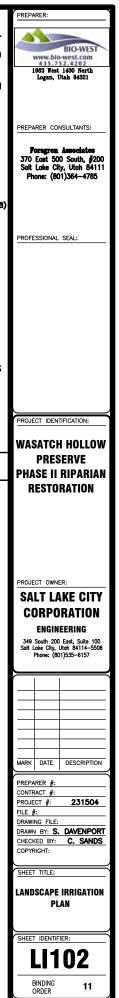
POC	IRRIGATION POINT OF CONNECTION: TIE (SPLICE) INTO 3" PARK PRESSURIZED LINE WITH A NEW 2" TEE AND 2" MAIN LINE AND ISOLATION VALVE. INSTALL TWO NEW ISOLATION VALVES ON THE EXISTING LINE.	43 1063 Log
С	EXIST. 24 STATION CONTROLLER (8 STATIONS AVAILABLE, LOCATED INSIDE RESTROOM)	
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Ð	EXIST. IRRIGATION HEAD (APPROXIMATE)	
	2" SCH. 40 IRRIGATION MAINLINE (DETAIL F/DT508)	
	SCH. 40 LATERAL, SIZE AS NOTED (DETAIL F/DT508)	PROFESSIO
M	ISOLATION VALVE: LEEMCO LMV SERIES, LINE SIZE. IN A CARSON 910 VALVE BOX WITH LID. (DETAIL C/DT508)	
Ð	REMOTE CONTROL VALVE: RAIN BIRD PEB INSIDE A CARSON VALVE BOX WITH LID. (DETAIL A/DT508)	
Q	QUICK COUPLER: RAIN BIRD 44LRC INSIDE A CARSON 910 VALVE BOX W/ LID. (DETAIL B/DT508)	
٠	ROTOR SPRAY HEAD: RAIN BIRD 5000 SERIES 5012-PL-PC/FC-SAM-R-SS NOZZLE 1.5	
	(© 35 PSI: 34' RAD. 1.54 GPM) (DETAIL D/DT508)	
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ANDSCAPE A	NTICIPATED IN THE IRRIGATION DESIGN. NOTIFY THE RCHITECT OF ANY SUCH DIFFERENCES IN WRITING.	COR
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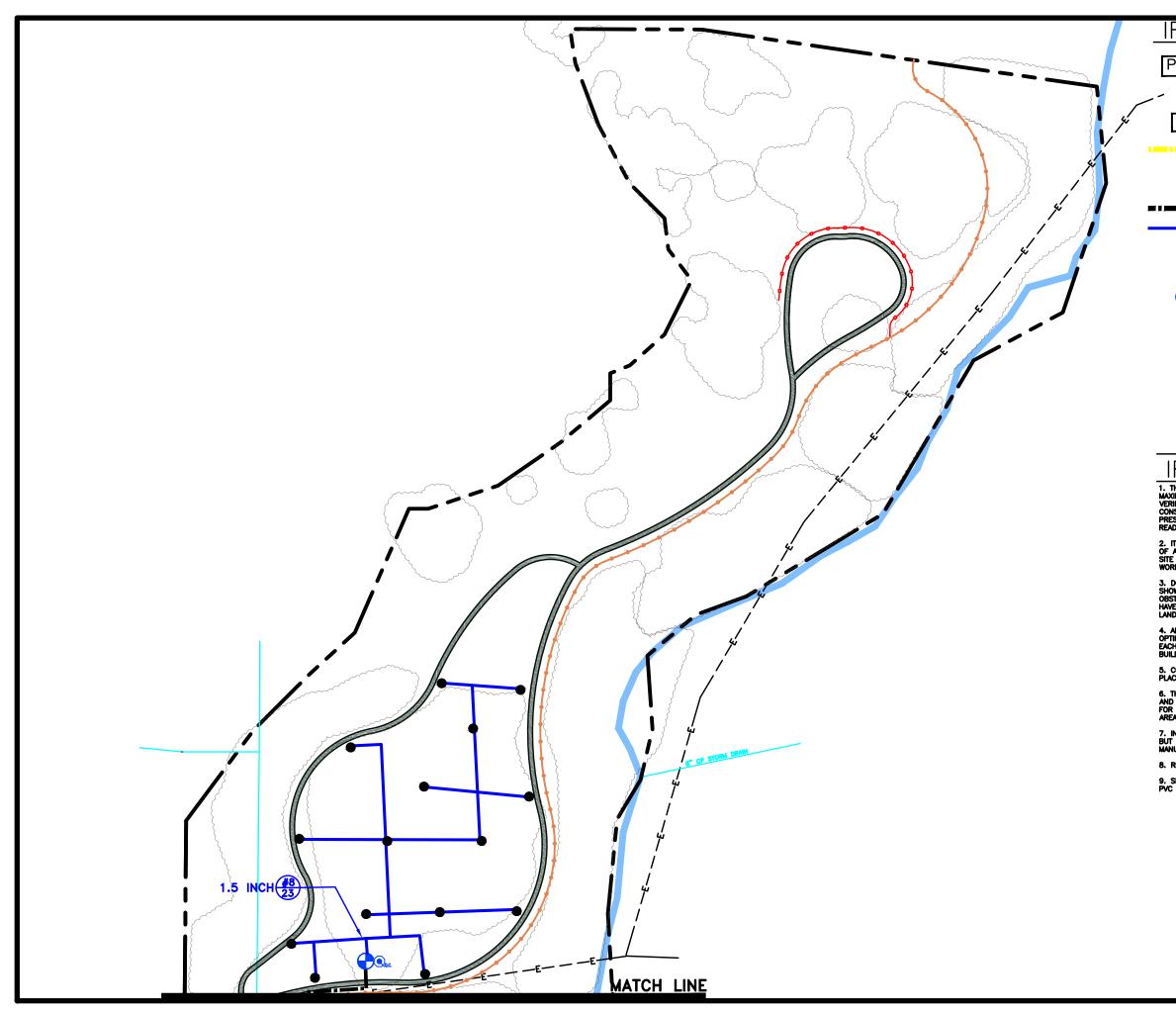
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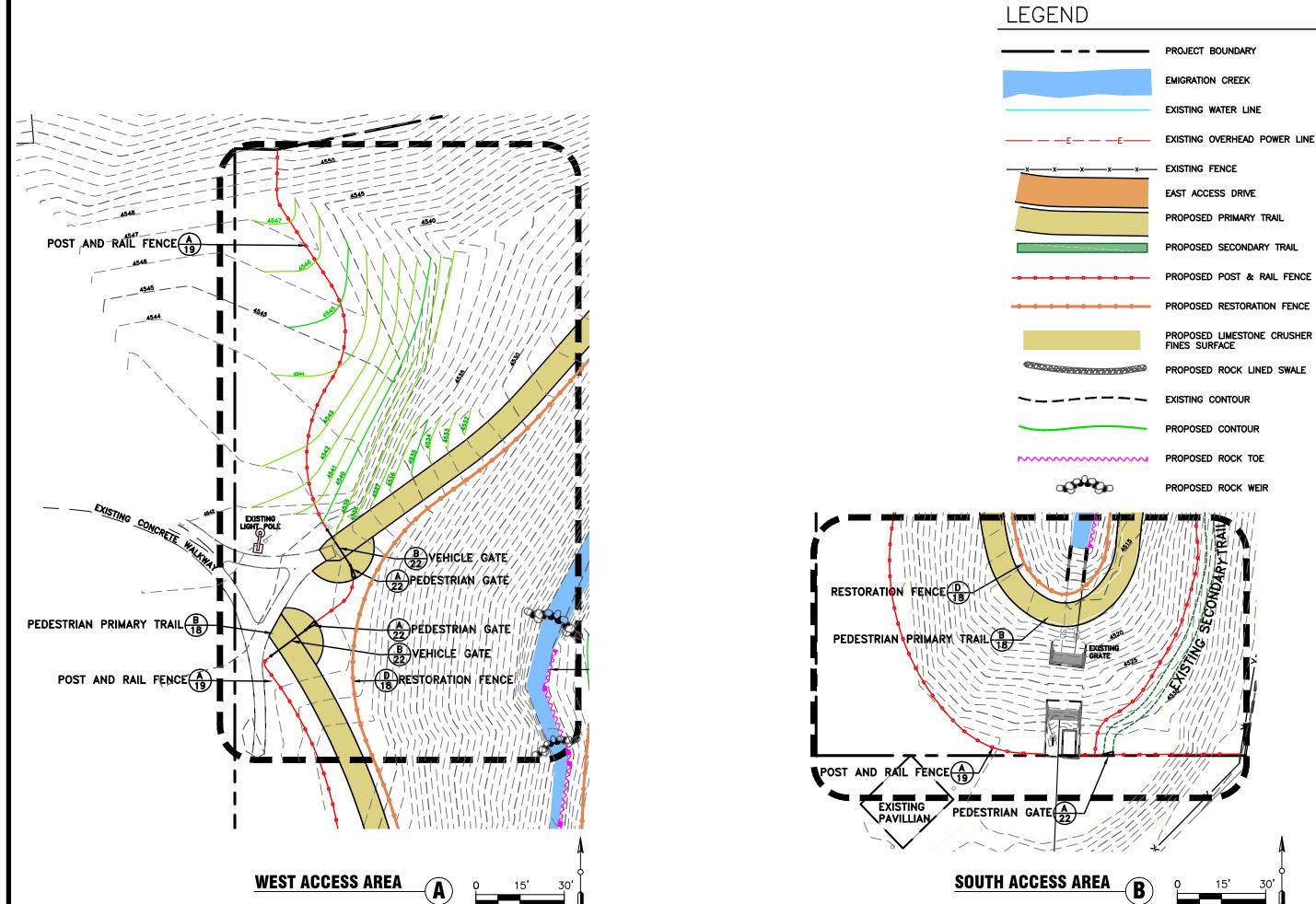
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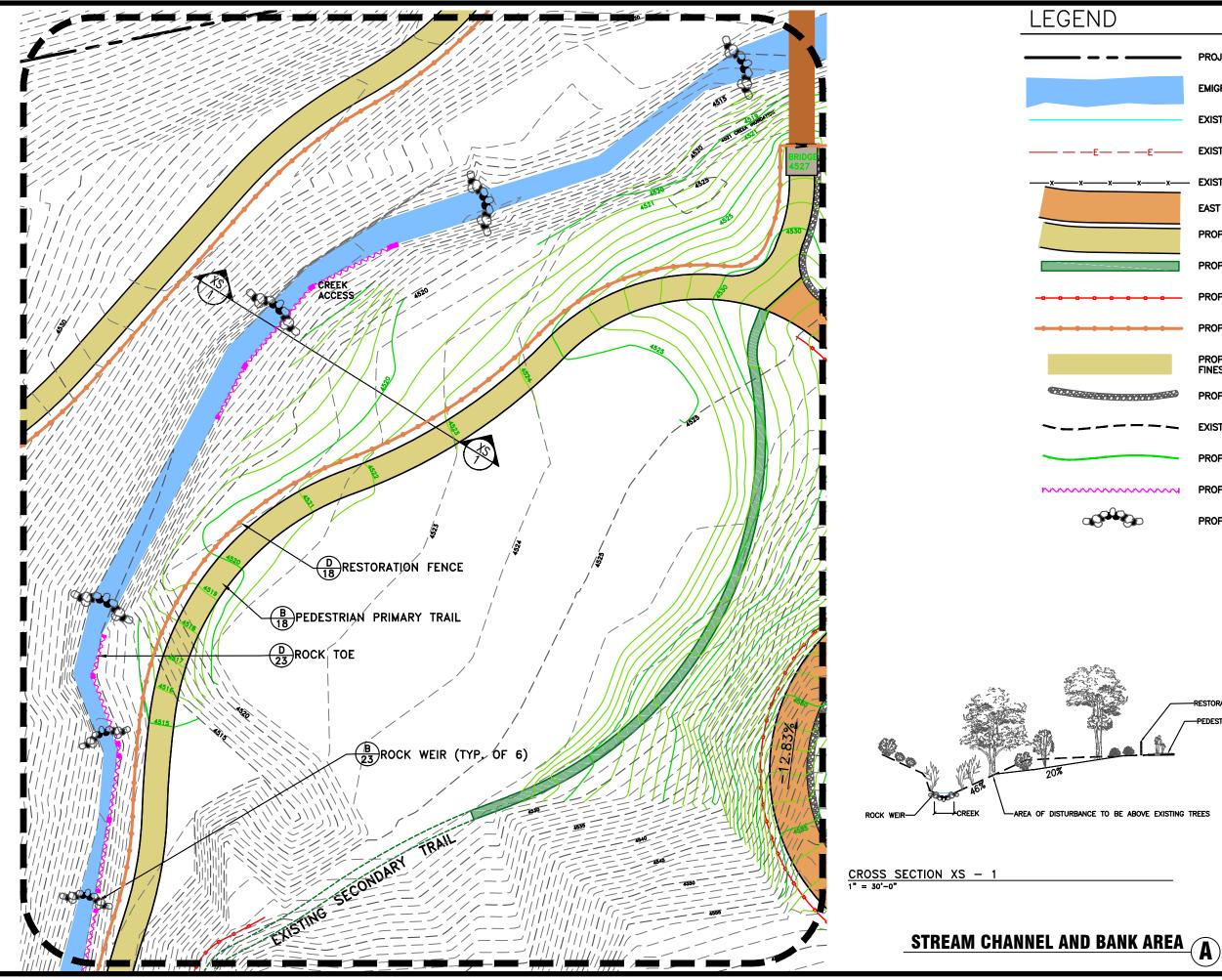
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(JETAL F/0T308) ★ ISOLATION VALVE: LEEMCO LMV SERIES, LINE (JETAL F/0T308) ★ ISOLATION VALVE: LEEMCO LMV SERIES, LINE (JETAL F/0T308) ★ REMOTE CONTROL VALVE: RAIN BIRD PEB INDEA A CARSON VALVE BOX WITH LID. (JETAL F/0T308) ● REMOTE CONTROL VALVE: RAIN BIRD 44LRC INSIDE A CARSON 910 VALVE BOX W/ LID. (JETAL F/0T308) ● CUCK COUPLER: RAIN BIRD 44LRC INSIDE A CARSON 910 VALVE BOX W/ LID. (JETAL F/0T308) ● STOL2-PL-PC/FC-SAM-R-SS NOZZLE 1.5 (JETAL F/0T308) ● VALVE NO. GPMS IRREGATION OF THE IRREATION SYSTEM NO. SSUM of 39 GALLONS PER INNUTE AT 75 PSI STATIC MIN. RETWORTON REPORT ANY DEFERENCE BETWEEN THE WATER SSUME STOUND ON THE LIPAR AND THE CATULE PRESSUMER. AND ADDITION OF THE IRREATION SYSTEM AS GMN ON THESE FORMS INT TO BE KNOWLEDGEABLE ALL UTILIES, STRUCTURES AND GRADUE DIFFERENCES ON THE LAU TILIES, STRUCTURES AND GRADUE DIFFERENCES ON THE ALL UTILIES, STRUCTURES AND GRADUE DIFFERENCES ON THE ALL UTILIES, STRUCTURES AND GRADUE DIFFERENCES ON THE ALL ON THESE FLASS IT THERE ARE ANY ORFOLD THE ALL ON THESE FLASS IT THERE ARE ANY ORFOLD THE ALL ON THESE FLASS IT THERE ARE ANY ORFOLD THE ALL ON THESE FLASS IT THERE ARE ANY ORFOLD THE ALL ON THESE FLASS IT THERE ARE ANY ORFOLD THE ALL ON THE COMPARTICY INSTATUS ON THE ALL THE RIFICATION INSTEM AS GMN ON THESE CARD SUM OTSIDE AS GMN ON THESE CARD SUM OTSIDE AS GMN ON THESE CARD AND ACCELE FOR THE REQUIRED FOR A FULL OPARTING SYSTEM AS GMN ON THESE CARD AND ACCELE FOR THE REQUIRED FOR A FULL OPARTING SYSTEM AS GMN ON THESE CARD AND ACCELE FOR THE REQUIRED FOR A FULL SUSTING IRREGATION EQUIPMENT. SELEVE ALL PRE UNDER PANNO ON THE LIPAT INTERLAS. AND AND PROTECT ALL	AVAILABLE, LOCATED INSIDE RESTROOM) EXIST. 3" SCH. 40 IRRIGATION MAINLINE EXIST. 3" SCH. 40 IRRIGATION MAINLINE EXIST. CONTROL VALVE (APPROXIMATE) EXIST. IRRIGATION HEAD (APPROXIMATE)	Foregren Associates 370 East 500 South, #200 Sait Lake City, Utah 84111
(DETAIL A/DTSOB) ● LUICK COUPLER: RAIN BIRD 44LRC INSIDE A CARSON 910 VALVE BOX W/ LID. (DETAIL B/DTSOB) ● ROTOR SPRAY HEAD: RAIN BIRD 5000 SERIES S012-PL-PC/FC-SAM-R-SS NOZZLE 1.5 (@ 35 PSI: 34' RAD. 1.54 GPM) (DETAIL D/DTSOB) ● TO FOR THE RENATION NOTES STUCTION OF THE RENATION SYSTEM IS DESIGNED FOR XIBUM OF 39 GALLORS PER MINUTE AT 75 PSI STATIC MIN. REY THE AVAILABLE WATER PRESSURE AT THUE P.O.C. PROT TO INSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER ESSURE SHOWN ON THE PLANS AND THE ATTAL PRESSURE AT THE P.O.C. TO THE LANDSCAFE ARCHITECT IN WRITING. ADDITIONAL COST TO THE UNDERAME AND DEFERENCES IN WRITING. ADDITION OF INCOMENTATIONS STREM AS STRUCTIONS OR INCOMSSITE/CES IN THE FIELD THAT MIGHT NOT RESERVE SHOWN OT THE PLANS AND THE ATTAL PRESSURE AT THE P.O.C. TO THE LANDSCAFE ARCHITECT IN WRITING. ADDITIONAL COST TO THE UNDERAME DIFFERENCES IN WRITING. ADDITION OF INCOMENTATION SYSTEM AS STRUCTIONS OR INCOMSSITE/CES IN THE FIELD THAT MIGHT NOT BEEDER ATCHIET OF ANY SUCH DIFFERENCES IN WRITING. ADJUST ALL STRUCTURES AND GRID DEDUFFERENCES IN BEEDE AND DESIGN IS DUAGRAMMATIC. WHERE VALVES, PIPTING THE REQUIRED FOR A FULLY OFFERING SYSTEM PER INJECTORE SPECIFICATIONS. WITH PLAN AND PROTECT ALL EASTING RENGATION EQUIPMENT. SLEEVE ALL DIFFERENCES IN THIS PLANT INTERNAL ADJUST ALL STRUCTURES SPECIFICATIONS. WITH SIZ DA A OF FIPE TO BE SLEEVED. INSTRUCT ALL DEL RESTING OR TRULE ETC. WITH SCH. 40 C FIPE THAT IS ZX DA OF FIPE TO BE SLEEVED. INSTRUCTURES SPECIFICATIONS. INSTRUCTURES SPECIFICATIONS. INSTRUCTURES SPECIF	(DETAIL F/DT508) ISOLATION VALVE: LEEMCO LMV SERIES, LINE SIZE. IN A CARSON 910 VALVE BOX WITH LID. (DETAIL C/DT508) REMOTE CONTROL VALVE: RAIN BIRD PEB	PROFESSIONAL SEAL:
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E AND TO REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS RK AT NO ADDITIONAL COST TO THE OWNER: DO NOT DELIBERATELY INSTALL THE IRRIGATION SYSTEM AS IOWN ON THESE PLANS IF THERE ARE ARY OBVIOUS STRUCTIONS OR INCONSISTENCES IN THE FIELD THAT MIGHT NOT WE BEEN ANTICIPATED IN THE IRRIGATION DESIGN. NOTIFY THE NDSCAPE ARCHITECT OF ANY SUCH DIFFERENCES IN WRITING. ADJUST ALL SPRINKLER HEADS, VALVES AND EQUIPMENT FOR TIMUM COVERAGE, AND ADJUST ARC RADIUS AND NOZZLE OF CH SPRINKLER TO AVOID SPRAYING ONTO WALKS, STREETS, ILDING, ETC. COORDINATE IRRIGATION HEAD LOCATIONS WITH PLANT MATERIAL ACEMENT. THIS IRRIGATION DESIGN IS DIAGRAMMATIC. WHERE VALVES, PIPING DE ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS RETAIN AND PROTECT ALL EXISTING IRRIGATION EQUIPMENT. SLEEVE ALL PIPE UNDER PAVING OR TRAILS ETC. WITH SCH. 40 C PIPE THAT IS 2X DIA. OF PIPE TO BE SLEEVED. KEY MAP KEY MAP KEY MAP KEY MAP KEY MAP KEY MAP KEY MAP KEY MAP CONTRACT #: DE CO. SANDS COPRIGHT: SHEET TITLE: LANDSCAPE IRRIGATION PLAN SHEET TITLE: LANDSCAPE IRRIGATION SHEET TITLE: LANDSCAPE IRRIGATION SHEET TITLE: LANDSCAPE IRRIGATION SHEET TITLE: LANDSCAPE IRRIGATION SHEET TITLE: LANDSCAPE IRRIGATION SHEET TITLE: LANDSCAPE IRRIGATION SHEET IDENTIFIER: LILLAS	VALVE NO. GPMS THIS PORTION OF THE IRRIGATION SYSTEM IS DESIGNED FOR XIMUM OF 39 GALLONS PER MINUTE AT 75 PSI STATIC MIN. RIPY THE AVAILABLE WATER PRESSURE AT THE P.O.C. PRIOR TO INSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER ESSURE SHOWN ON THE PLANS AND THE ACTUAL PRESSURE ADING AT THE P.O.C. TO THE LANDSCAPE ARCHITECT IN WRITING.	WASATCH HOLLOW Preserve Phase II Riparian
THIS IRRIGATION DESIGN IS DIAGRAMMATIC. WHERE VALVES, PIPING D ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS RATHIS EQUIPMENT TO BE INSTALLED WITHIN THE PLANTING EAS. INSTALL ALL IRRIGATION EQUIPMENT NOT DETAILED OR SPECIFIED INTREQUIRED FOR A FULLY OPERATING SYSTEM PER NUFACTURERS SPECIFICATIONS. RETAIN AND PROTECT ALL EXISTING IRRIGATION EQUIPMENT. SLEEVE ALL PIPE UNDER PAYING OR TRAILS ETC. WITH SCH. 40 C PIPE THAT IS 2X DIA. OF PIPE TO BE SLEEVED. KEY MAP KEY	E AND TO REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS RK AT NO ADDITIONAL COST TO THE OWNER. DO NOT DELIBERATELY INSTALL THE IRRIGATION SYSTEM AS OWN ON THESE PLANS IF THERE ARE ANY OBVIOUS STRUCTIONS OR INCONSISTENCIES IN THE FIELD THAT MIGHT NOT VE BEEN ANTICIPATED IN THE IRRIGATION DESIGN. NOTIFY THE NDSCAPE ARCHITECT OF ANY SUCH DIFFERENCES IN WRITING. ADJUST ALL SPRINKLER HEADS, VALVES AND EQUIPMENT FOR TIMUM COVERAGE, AND ADJUST ARC RADIUS AND NOZZLE OF CH SPRINKLER TO AVOID SPRAYING ONTO WALKS, STREETS, ILDING, ETC. COORDINATE IRRIGATION HEAD LOCATIONS WITH PLANT MATERIAL	SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Soft Lake City, Utha 84114–5506
KEY MAP PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE:	THIS IRRIGATION DESIGN IS DIAGRAMMATIC. WHERE VALVES, PIPING D ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS R THIS EQUIPMENT TO BE INSTALLED WITHIN THE PLANTING EAS. INSTALL ALL IRRIGATION EQUIPMENT NOT DETAILED OR SPECIFIED T REQUIRED FOR A FULLY OPERATING SYSTEM PER NUFACTURERS SPECIFICATIONS. RETAIN AND PROTECT ALL EXISTING IRRIGATION EQUIPMENT.	
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EPARER: BIO-WES www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utah 84321 REPARER CONSULTANTS: Foregreen Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785 PROFESSIONAL SEAL: PROJECT IDENTIFICATION: WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION ROJECT OWNER: **SALT LAKE CITY** CORPORATION ENGINEERING 349 South 200 East, Suite 100 Salt Lake City, Utah 84114-5508 Phone: (801)535-6157 MARK DATE DESCRIPTION PREPARER #: CONTRACT #: 231504 PROJECT #: FILE #: DRAWING FILE DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS COPYRIGHT: SHEET TITLE: LARGE SCALE VIEW HEET IDENTIFIER: LS401

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BINDING ORDER



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	PROJECT BOUNDARY	BIO-WEST www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utab 84321
	EMIGRATION CREEK	
	EXISTING WATER LINE	PREPARER CONSULTANTS:
— —E— — —E——	EXISTING OVERHEAD POWER LINE	Foregren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785
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	EAST ACCESS DRIVE	
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-0-0-0-0-0	PROPOSED POST & RAIL FENCE	
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	PROPOSED LIMESTONE CRUSHER FINES SURFACE	
	PROPOSED ROCK LINED SWALE	PROJECT IDENTIFICATION:
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PREPARER:

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-AREA OF DISTURBANCE TO BE ABOVE EXISTING TREES

LARGE SCALE VIEW

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PREPARER #: CONTRACT #: PROJECT #:

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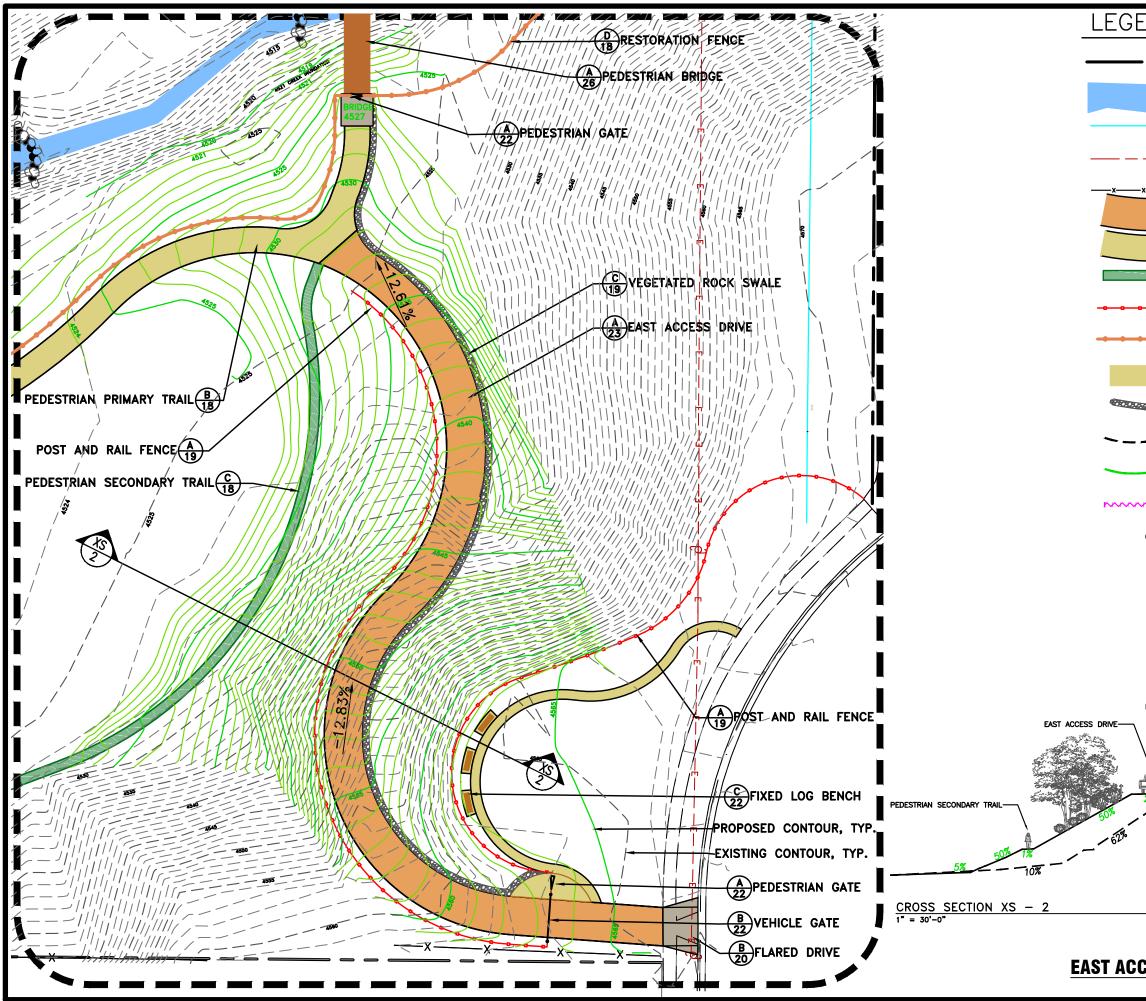
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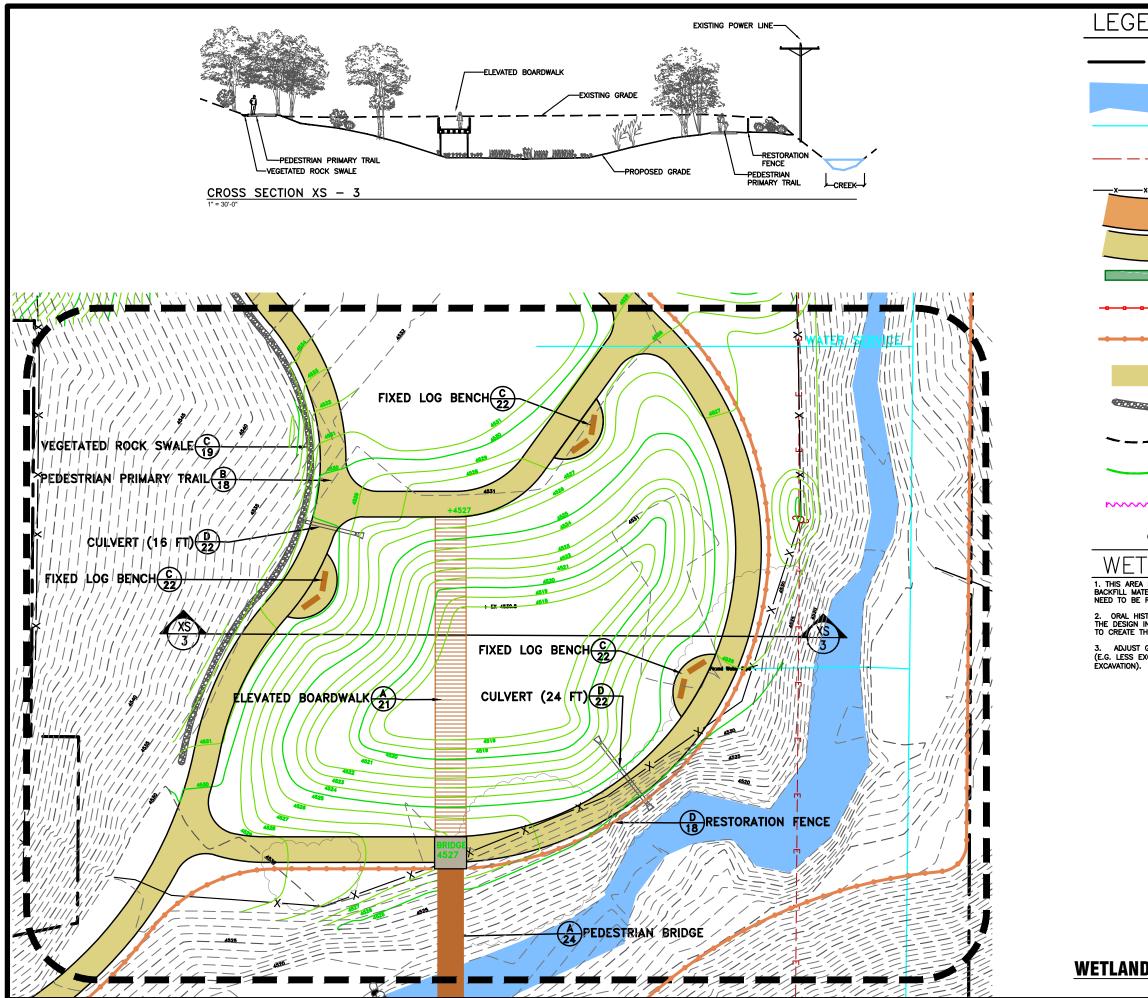
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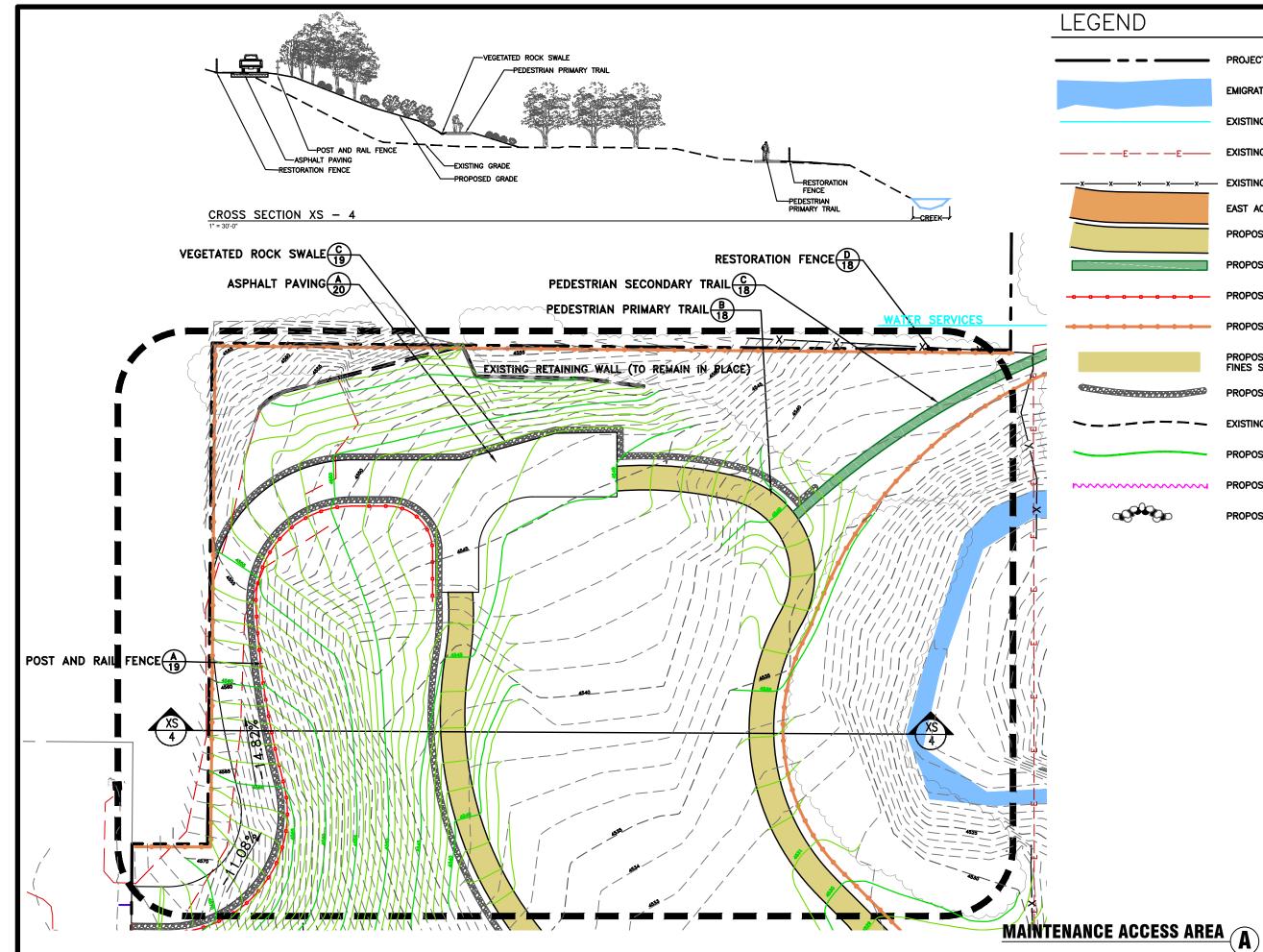
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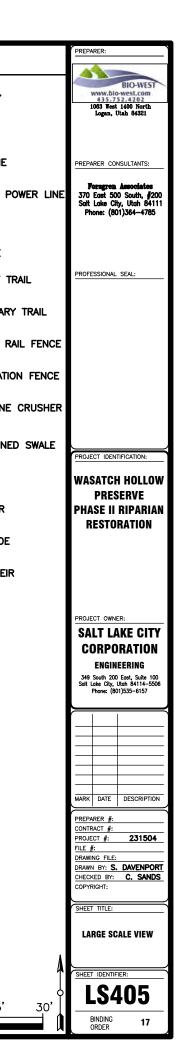
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PROJECT BOUNDARY	BIO-WEST www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Illah 64321
EMIGRATION CREEK	Logan, Utah 84321
EXISTING WATER LINE	PREPARER CONSULTANTS:
EXISTING OVERHEAD POWER LINE	Foragren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785
EXISTING FENCE	Phone: (001)304-4703
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PROPOSED SECONDARY TRAIL	
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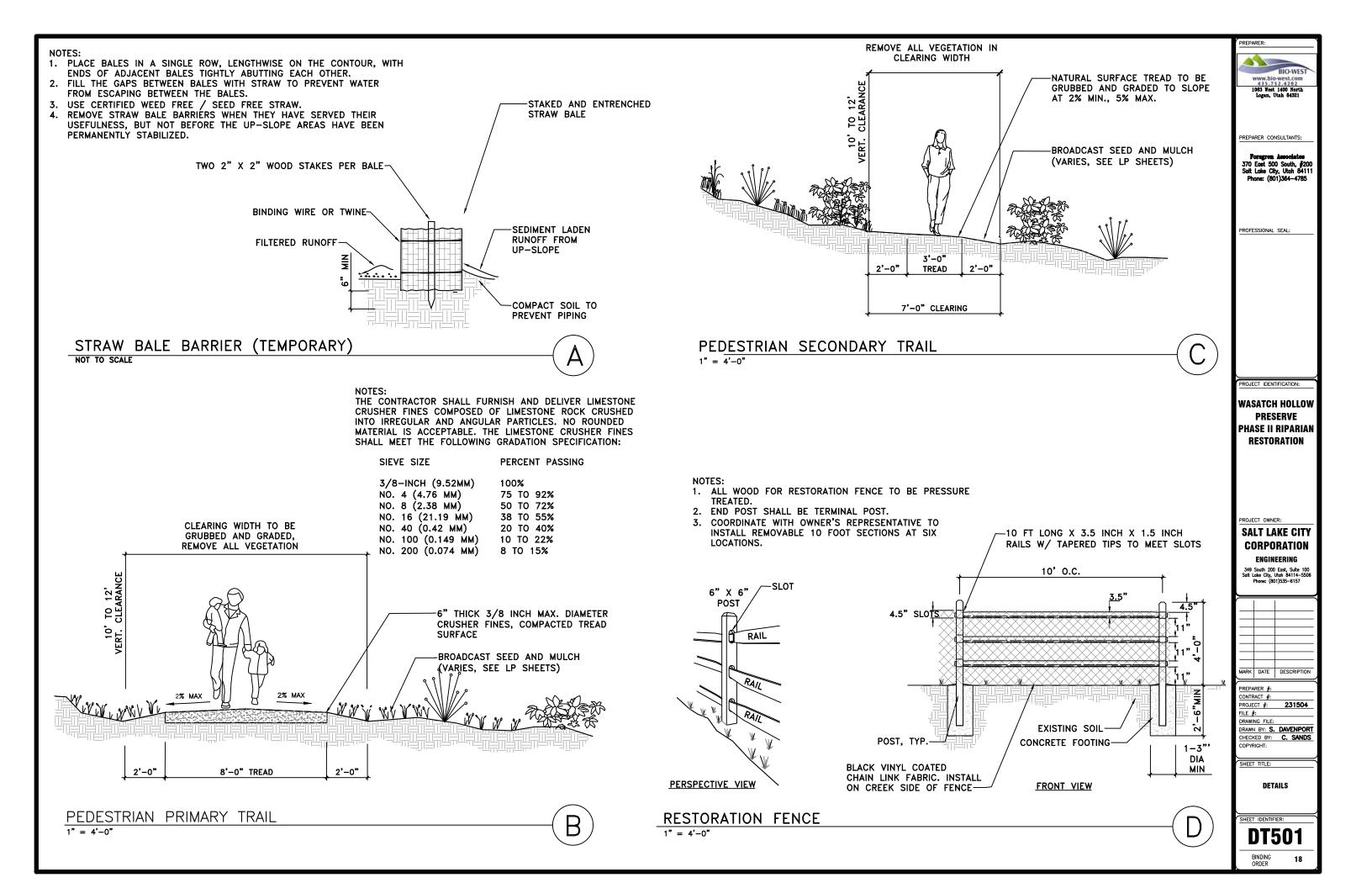


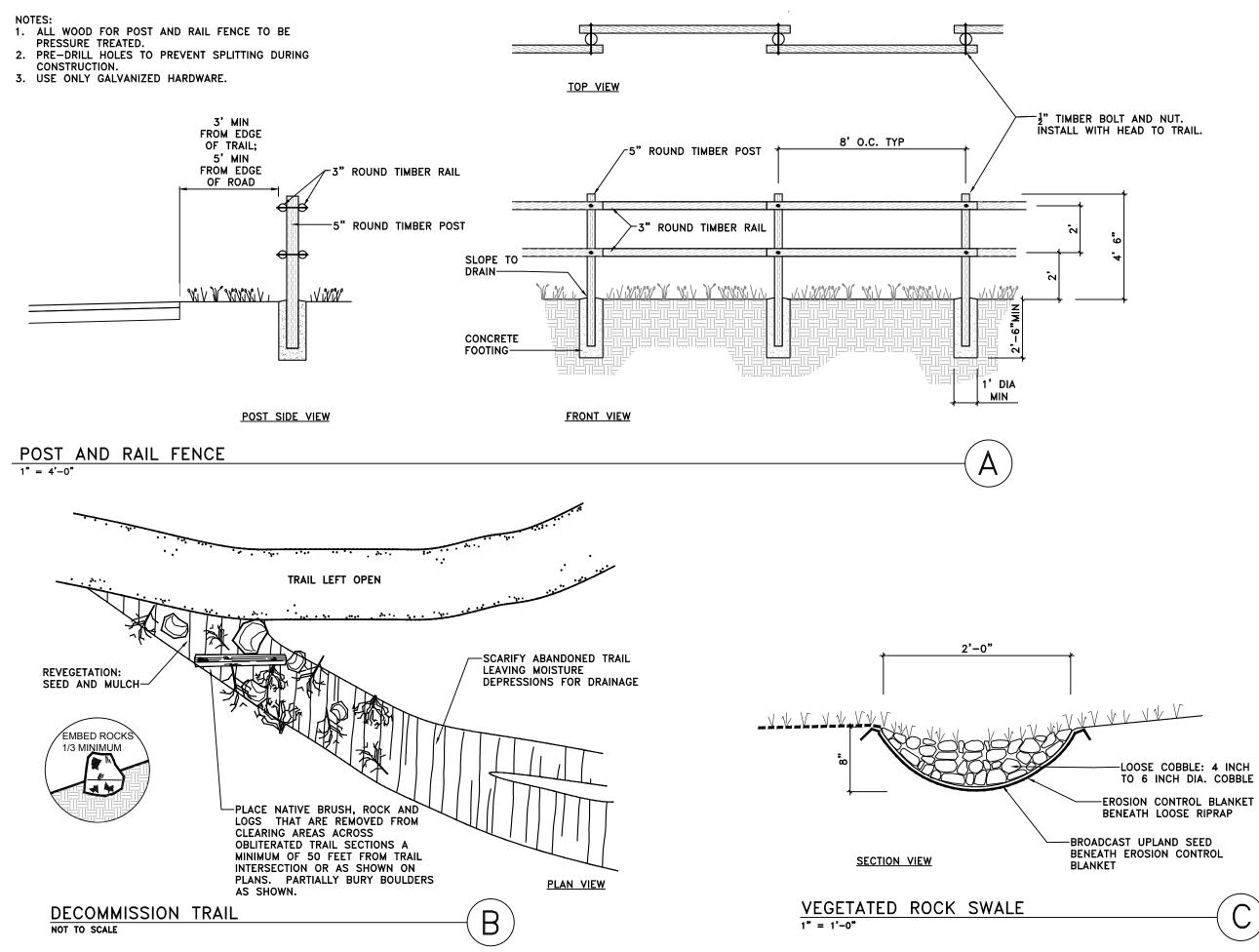
		PREPARER:
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	PROJECT BOUNDARY	BIO-WEST www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utah 84321
	EMIGRATION CREEK	Logan, Utan 64321
	EXISTING WATER LINE	PREPARER CONSULTANTS:
—E— — —E——	EXISTING OVERHEAD POWER LINE	Foregree Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785
xxx	EXISTING FENCE	
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	PROPOSED SECONDARY TRAIL	
	PROPOSED POST & RAIL FENCE	
	PROPOSED RESTORATION FENCE	
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HE WETLAND. GRADING AS NECESSARY WHEN	IEARTH THE NATURAL SPRING AND USE IT ORIGINAL TOPOGRAPHY IS ENCOUNTERED BLE FILL IS ENCOUNTERED (E.G. MORE	ENGINEERING 349 South 200 East, Suite 100 Sait Lake City, Utah 84114–5506 Phone: (801)535–6157
		MARK DATE DESCRIPTION
		PREPARER #: CONTRACT #:
		PROJECT #: 231504 FILE #: DRAWING FILE:
		DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS COPYRIGHT:
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		LARGE SCALE VIEW
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	PROJECT BOUNDARY
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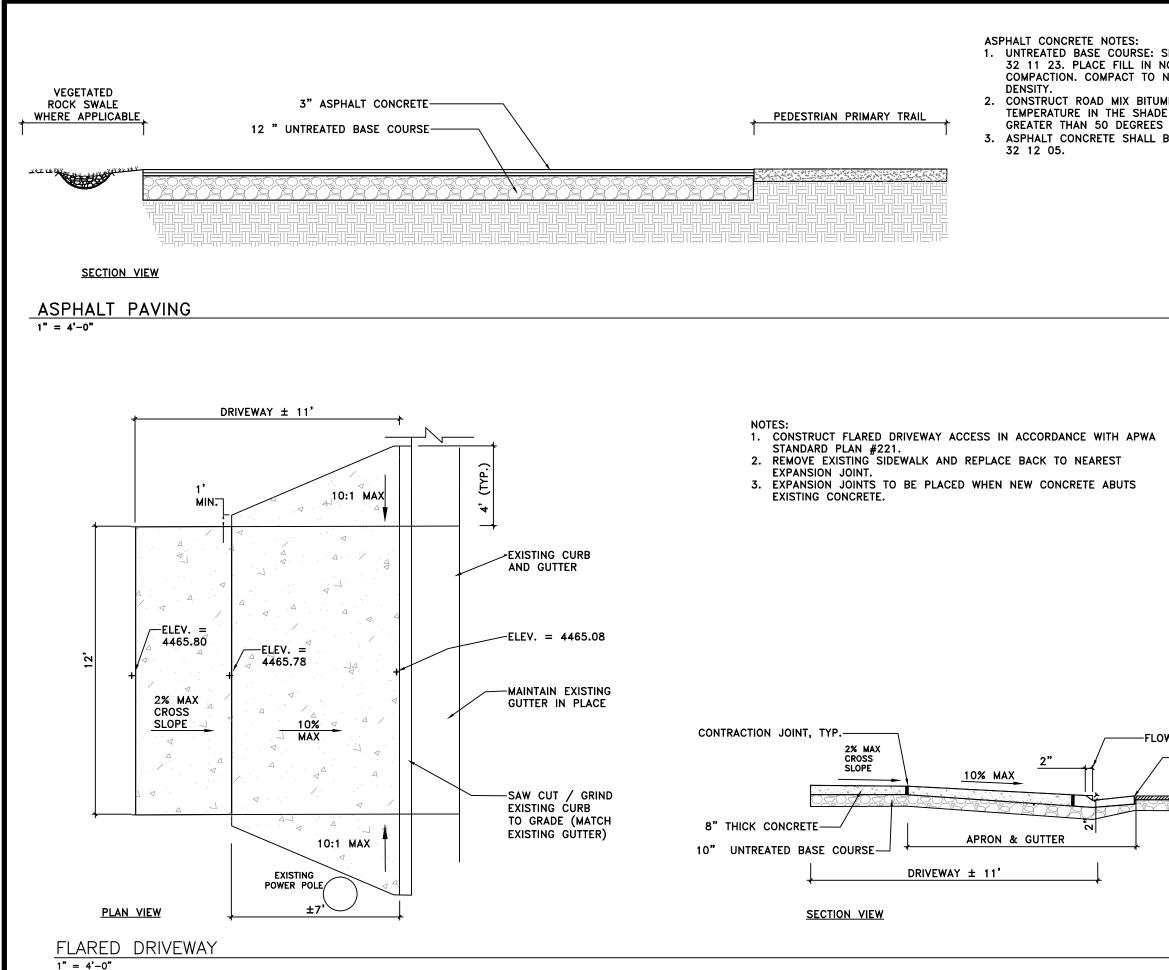




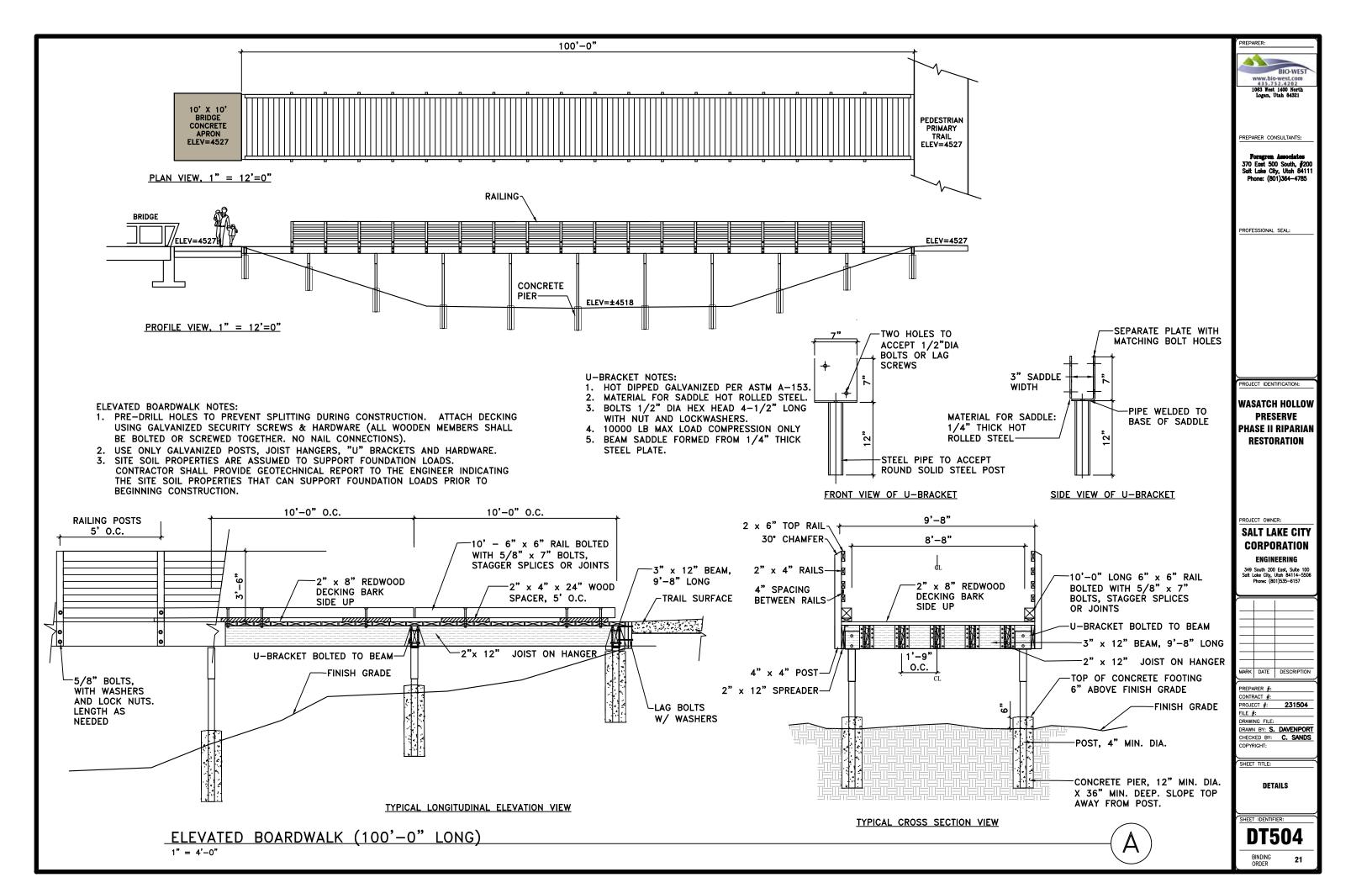


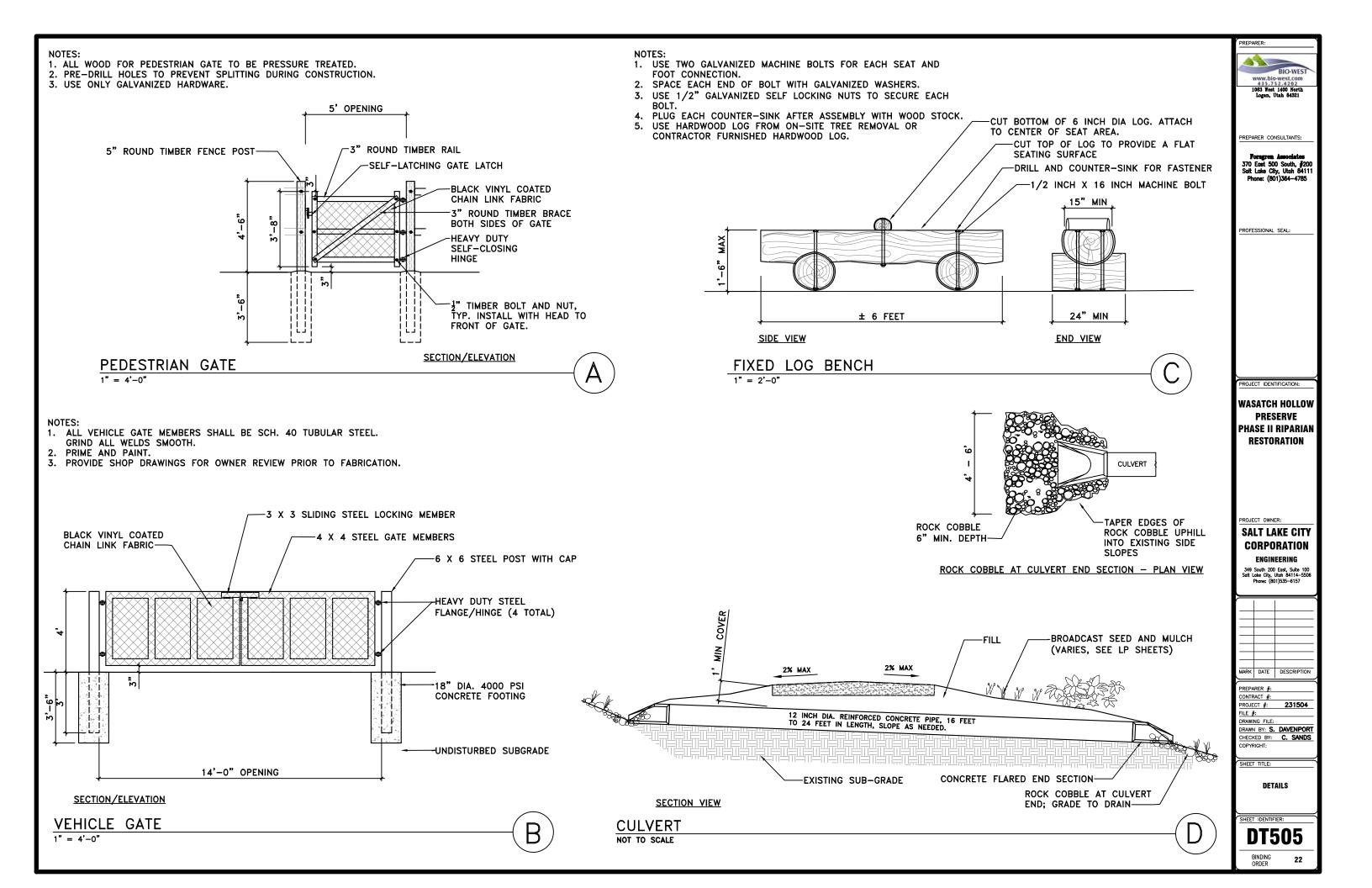
-LOOSE COBBLE: 4 INCH TO 6 INCH DIA. COBBLE

EPARER: 43 BIO-WES www.bio-west.com 435.752.4202 1063 West 1400 North Logan, Utah 84321 REPARER CONSULTANTS: Foragren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785 PROFESSIONAL SEAL: PROJECT IDENTIFICATION: WASATCH HOLLOW PRESERVE **PHASE II RIPARIAN** RESTORATION PROJECT OWNER: SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Salt Lake City, Utah 84114–5500 Phone: (801)535–6157 MARK DATE DESCRIPTION PREPARER #: CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS OPYRIGHT SHEET TITLE: DETAILS HEET IDENTIFIER: **DT502** BINDING ORDER 19



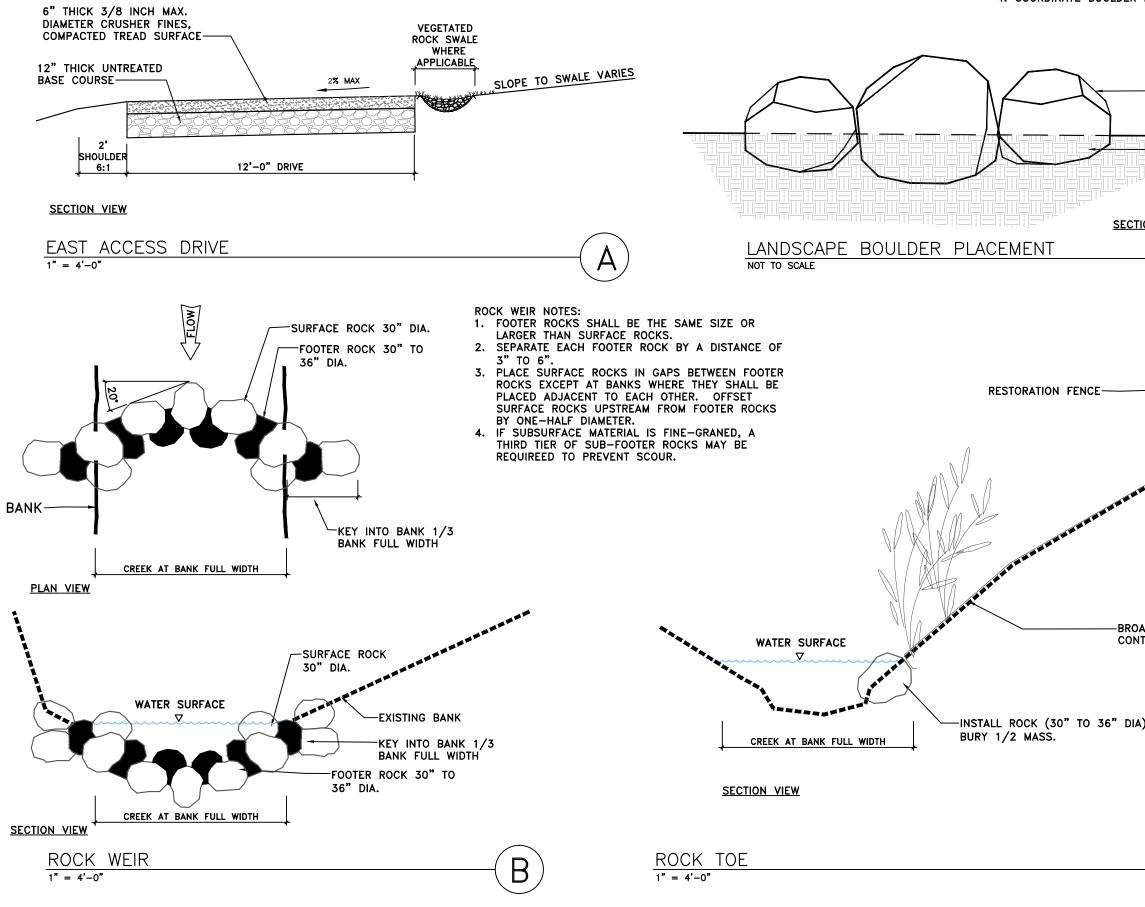
SHALL BE TYPE II AS PER APWA SECTION NO GREATER THAN 6 INCH LIFTS AFTER NO LESS THAN 95% MAXIMUM DRY UMINOUS SURFACE COURSE ONLY WHEN AIR DE AND ROAD BED TEMPERATURE ARE IS FAHRENHEIT. BE AC-20-DM-3/4 AS PER APWA SECTION	PREPARER: BIO-WEST WWW.bIO-WEST.com 45:752.4202 1063 West 1400 North Logan, Utah 84321 PREPARER CONSULTANTS: Porngrea Associates 370 East 500 South, #200 Solt Lake City, Utah 84111 Phone: (801)364-4785
A	PROFESSIONAL SEAL:
	PROJECT IDENTIFICATION: WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION
	PROJECT OWNER: SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Soit Lake City, Utah 84114–5506 Phone: (801)535–6157
OWLINE LIP OF EXISTING GUTTER EXISTING ROADWAY SURFACE	MARK DATE DESCRIPTION PREPARER #: CONTRACT #: PROJECT #: DRAWING FILE: DRAWING FILE: DRAWIN BY: S. DAVENPORT CHECKED BY: C. SANDS COPTRIGHT: SHEET TITLE:
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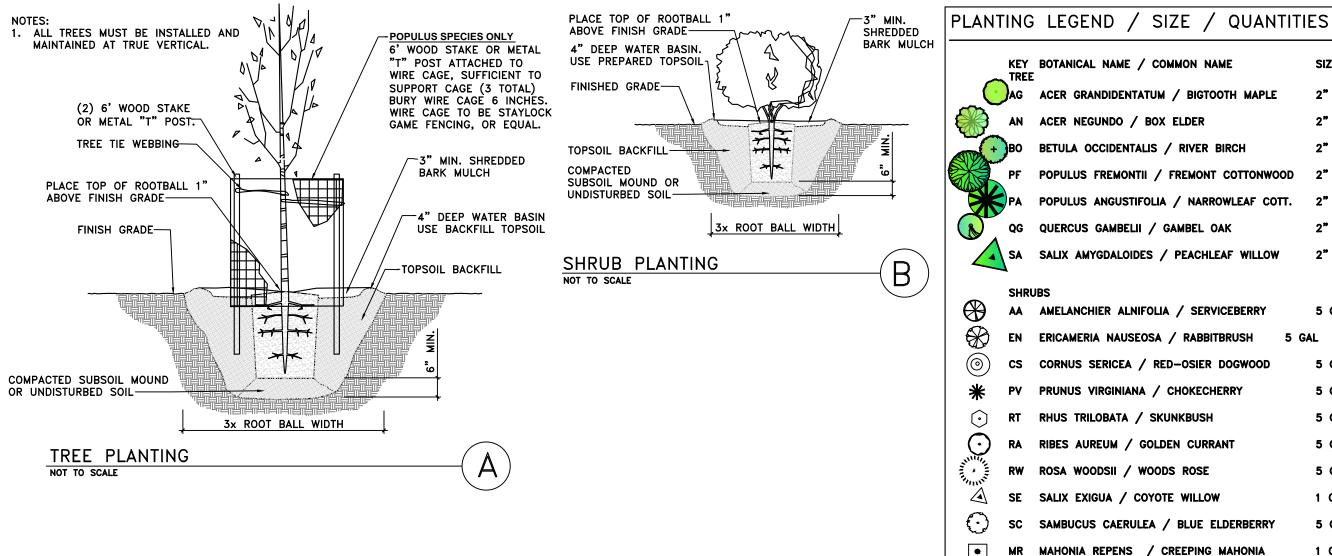


NOTES: 1. USE SALVAGED BOULDE 2. STOCKPILE 100 ± BOU 3. SET ROCKS SO THEY S

4. COORDINATE BOULDER



	PREPARER:
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	PREPARER CONSULTANTS: Forsgree Associates 370 East 500 South, #200 Solt Loke City, Utah 84111
BOULDERS 2' TO 4' DIA.	Phone: (801)364-4785
BURY BOULDER 1/3 MASS	PROFESSIONAL SEAL:
	PROJECT IDENTIFICATION: WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION
PRIMARY PEDESTREAN TRAIL	PROJECT OWNER: SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Salt Lake City, Utah 84114–5556 Phone: (601)335–6157
ADCAST SEED, INSTALL EROSION TROL BLANKET, AND INSTALL PLANTINGS	MARK DATE DESCRIPTION
).	PREPARER #: CONTRACT #: PROJECT #: PROJECT #: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: CONTRIGHT: CONTRIGHT:
	SHEET TITLE:
	SHEET IDENTIFIER: DT506 BINDING ORDER 23



				BRO	ADCAST	SEED
SEED NO.	SPECI	Number of	Pounds of pure	Percent	Seeds per	
	BOTANICAL NAME	COMMON NAME	pound	live seed per acre	of mix	square foot
1	Aristida purpurea	Purple three-awn	250,000	4	10.95%	23
2	Elymus elymoides	Bottlebrush squirreltail	192,000	4	8.41%	18
3	Stipa comata	Needle and thread grass	137,857	4	6.04%	13
4	Elymus trachycaulum	Slender wheatgrass	135,000	6	8.87%	19
5	Poa secunda (sandbergii)	Sandberg bluegrass	1,046,960	1	11.47%	24
6	Pseudoroegneria spicata	Bluebunch wheatgrass	125,680	2	2.75%	6
7	Balsamorhiza sagittata	Arrowleaf balsamroot	58,438	4	2.56%	5
8	Linum lewisii 'Appar'	Appar blue flax	294,848	4	12.92%	27
9	Erigeron speciosus	Aspen daisy	1,600,000	0.5	8.76%	18
10	Geranium viscosissimum	Wild geranium	55,238	2.5	1.51%	3
11	Heliomeris multiflora	Showy goldeneye	1,055,000	1	11.56%	24
12	Lupinus argenteus	Silvery lupine	126,000	2	2.76%	6
13	Wyethia amplexicaulis	Mule's ear	28,221	4	1.24%	3
14	Artemisia ludoviciana	Prairie sage	32,767	4	1.44%	3
15	Ericameria nauseosa	Rubber rabbitbrush	400,000	2	8.76%	18
	TOTAL			45	100.00%	210

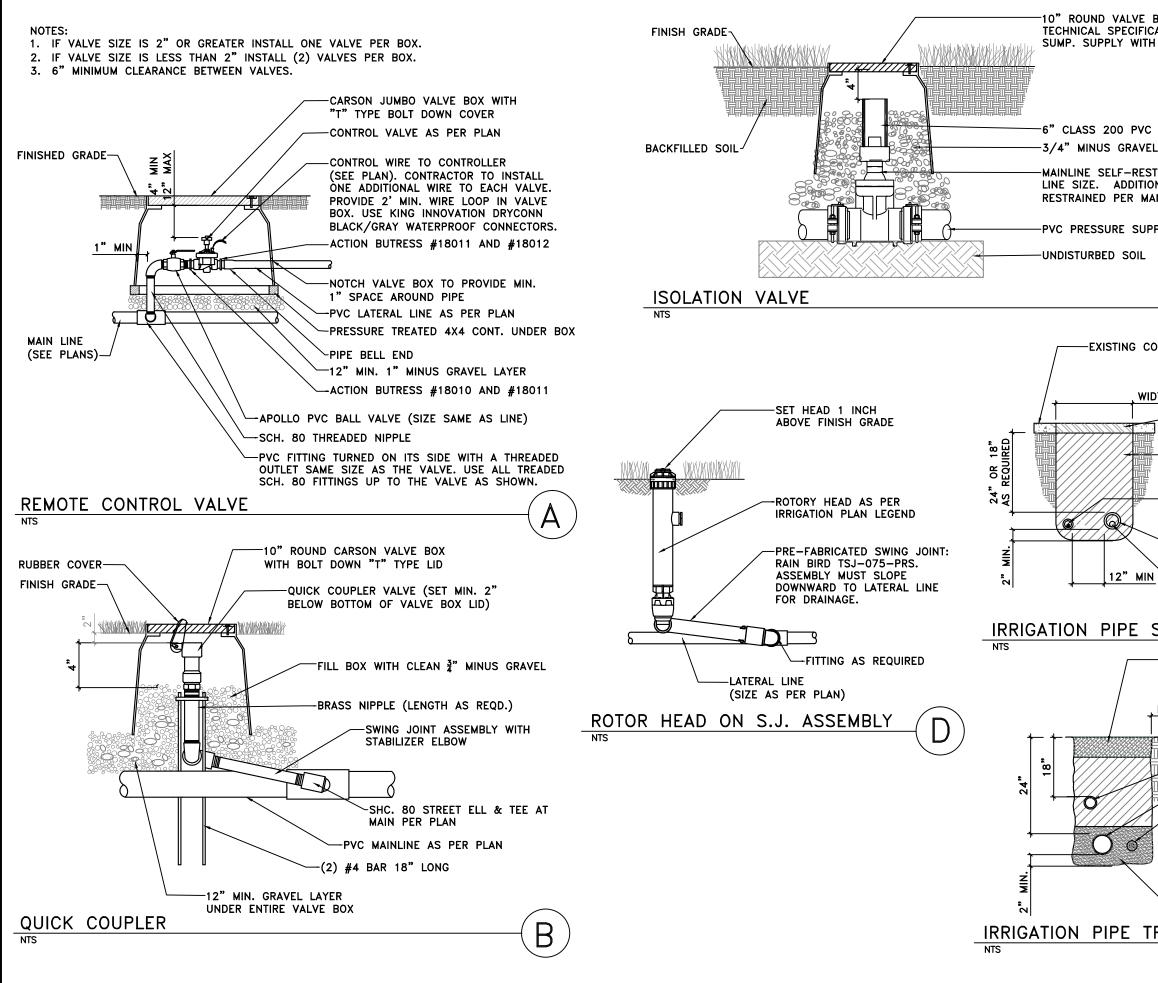
	R	PARIAN SEE	D MIX					
11						BROA	ADCAST	SEED
SEED NO.		Number of seeds per	Pounds of pure Perc	Percent				
	BOTANICAL NAME	COMMON NAME pound	live seed per acre	A CONTRACTOR OF A CONTRACT OF				
1	Carex rostrata	Beaked sedge	444,000	4	14.75%	41		
2	Carex nebrascensis	Nebraska sedge	534,100	4	17.75%	49		
3	Eleocharis palustris	Spikerush	754,000	4	25.05%	69		
4	Juncus arcticus	Baltic rush	3,000,000	1	24.92%	69		
5	Schoenoplectus acutus	Hardstem bulrush	206,400	5	8.57%	24		
6	Schoenoplectus americanus	Threesquare bulrush	179,800	6	8.96%	25		
	TOTAL			24	100.00%	276		

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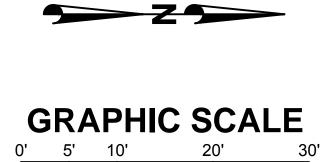
COMMON NAME	SIZE	QTY.
UM / BIGTOOTH MAPLE	2" CAL	22
OX ELDER	2" CAL	25
S / RIVER BIRCH	2" CAL	15
/ FREMONT COTTONWOOD	2" CAL	23
LIA / NARROWLEAF COTT.	2" CAL	5
/ GAMBEL OAK	2" CAL	43
5 / PEACHLEAF WILLOW	2" CAL	7

AA	AMELANCHIER ALNIFOLIA / SERVICEBERRY		5 GAL	17
EN	ERICAMERIA NAUSEOSA / RABBITBRUSH	5 GA	L 75	
cs	CORNUS SERICEA / RED-OSIER DOGWOOD		5 GAL	49
PV	PRUNUS VIRGINIANA / CHOKECHERRY		5 GAL	43
RT	RHUS TRILOBATA / SKUNKBUSH		5 GAL	70
RA	RIBES AUREUM / GOLDEN CURRANT		5 GAL	56
RW	ROSA WOODSII / WOODS ROSE		5 GAL	26
SE	SALIX EXIGUA / COYOTE WILLOW		1 GAL	108
SC	SAMBUCUS CAERULEA / BLUE ELDERBERRY		5 GAL	39
MR	MAHONIA REPENS / CREEPING MAHONIA		1 GAL	39
SA	SYMPHORICARPOS ALBUS / SNOWBERRY		5 GAL	10

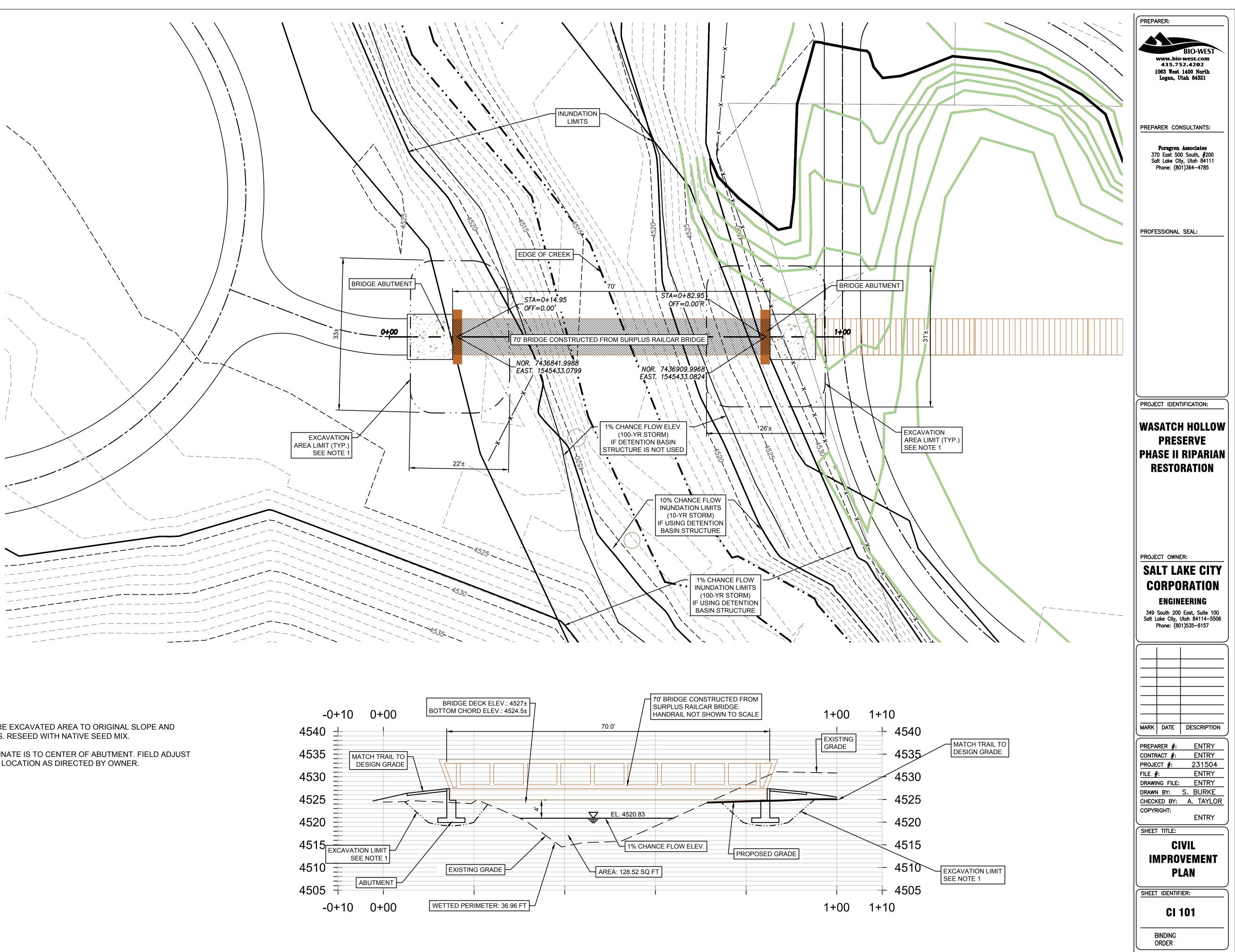
PREPARER:
BIO-WEST WWW.BIO-WEST.com 4053 Fest 1400 North Logan, Utah 84521
PREPARER CONSULTANTS: Forngren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364-4785
PROFESSIONAL SEAL:
PROJECT IDENTIFICATION: WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION
PROJECT OWNER: SALT LAKE CITY CORPORATION ENGINEERING
SALT LAKE CITY CORPORATION
SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Set Lake City. Utith 84114–5566
SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Set Lake City. Utith 84114–5566
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SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Soft Lake City, Utah 84114–5506 Phone: (801)535–6157
SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Soit Lake City, Utah 8411–5506 Phone: (801)335–6157
SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, Suite 100 Soit Lake City, Utah 84114–5506 Phone: (801)535–6157
SALT LAKE CITY CORPORATION ENGINEERING 349 South 200 East, suite 100 Soit Lake City, Utch 84114–5506 Phone: (801)535–6157



	PREPARER:
BOX WITH "T" TYPE BOLT DOWN LID PER	
CATIONS. VALVE BOX TO REST ON GRAVEL H STAINLESS STEEL LOCKING BOLTS.	BIO-WEST www.bio-west.com
T STAINLESS STEEL LUCKING BULIS.	435.752.4202 1063 West 1400 North
	Logan, Utah 84321
	PREPARER CONSULTANTS:
C – LENGTH AS REQUIRED	
EL SUMP – 1 CU. FT.	Foragren Associates 370 East 500 South, #200
LL SUMI - 1 CO. FI.	Salt Lake City, Utah 84111 Phone: (801)364-4785
STRAINED GATE VALVE, LEEMCO LMV SERIES,	
ONAL ADJACENT JOINTS SHALL ALSO BE IANUFACTURER'S RECOMMENDATIONS.	
PPLY LINE	PROFESSIONAL SEAL:
$\frown$	
$(\mathbf{c})$	
CONCRETE / ASPHALT / TRAIL SURFACE	
IDTH AS REQUIRED	PROJECT IDENTIFICATION:
SAWCUT & PATCH CONCRETE OR	WASATCH HOLLOW
	WASATCH HOLLOW PRESERVE
COMPACTED BACKFILL FREE	PHASE II RIPARIAN
FROM ROCKS GREATER THAN	RESTORATION
CONTROL WIRES 12" TO EITHER	
SIDE OR 6" UNDER MAINLINE.	
·····	
SCH 40 PVC PIPE. 2X DIAMETER	
OF PIPE TO BE SLEEVED	PROJECT OWNER:
PRESSURE MAIN LINE /	SALT LAKE CITY
NON-PRESSURE LATERAL LINE	CORPORATION
	ENGINEERING
SLEEVING	349 South 200 East, Suite 100 Salt Lake City, Utah 84114–5506 Phone: (801)535–6157
— TOPSOIL FREE FROM ROCKS	
GREATER THAN 1" DIAMETER	
6"	
MIN. / ADJACENT HARD SURFACE	
	MARK DATE DESCRIPTION
NON-PRESSURE LATERAL LINE	
-PRESSURE MAIN LINE	PREPARER #-
	PREPARER #: CONTRACT #: DROJECT #: 231504
DIRECT BURIAL, LOW VOLTAGE	CONTRACT #: PROJECT #: <b>231504</b> FILE #:
CONTROL WIRES IN CONDUIT;	CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWN BY: S. DAVENPORT
	CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE:
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE	CONTRACT #: 231504 PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: C. SANDS COPYRIGHT:
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE CONDUIT 2 FEET BEFORE EACH	CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE CONDUIT 2 FEET BEFORE EACH VALVE BOX.	CONTRACT #: 231504 PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: C. SANDS COPYRIGHT:
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE CONDUIT 2 FEET BEFORE EACH VALVE BOX. 2" MIN. SAND OR ROCK FREE	CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: C. SANDS COPYRIGHT: SHEET TITLE:
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE CONDUIT 2 FEET BEFORE EACH VALVE BOX. 2" MIN. SAND OR ROCK FREE TOPSOIL AROUND PIPES	CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: C. SANDS COPYRIGHT: SHEET TITLE:
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE CONDUIT 2 FEET BEFORE EACH VALVE BOX. 2" MIN. SAND OR ROCK FREE	CONTRACT #: 231504 PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: C. SANDS COPYRIGHT: SHEET TITLE: DETAILS SHEET IDENTIFIER:
CONTROL WIRES IN CONDUIT; TAPE AND BUNDLE AT 10' O.C. PLACE 6" EITHER SIDE OF PIPE OR 6" BELOW. STOP THE CONDUIT 2 FEET BEFORE EACH VALVE BOX. 2" MIN. SAND OR ROCK FREE TOPSOIL AROUND PIPES	CONTRACT #: PROJECT #: 231504 FILE #: DRAWING FILE: DRAWING FILE: DRAWING FILE: CHECKED BY: C. SANDS COPVRIGHT: SHEET TITLE: DETAILS



Scale: 1"=10'



# NOTES:

- 1. RESTORE EXCAVATED AREA TO ORIGINAL SLOPE AND GRADES. RESEED WITH NATIVE SEED MIX.
- 2. COORDINATE IS TO CENTER OF ABUTMENT. FIELD ADJUST BRIDGE LOCATION AS DIRECTED BY OWNER.

