SALT LAKE CITY CORPORATION



WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION **JOB NO. 231504**

SHEET SET ASSEMBLY ORDER

SHEET	BINDING	SHEET
<u>DESIGNATOR</u> GI001	ORDER 1	$rac{ ext{TITLE}}{ ext{GENERAL INFORMATION COVER SHEET}}$
alou i	•	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 - LS404	13 - 16	LARGE SCALE VIEWS
DT501 - DT506	17 - 23	DETAILS
CI101 - CI102	24 - 25	CIVIL IMPROVEMENT PLAN
CI101 - CI102	24 - 25	CIVIL IMPROVEMENT PLAN

ROOSEVELT **EMERSON** KENSINGTON KENSINGTON BRYAN LOGAN WASATCH HOLLOW PARK

HARRISON AVE.

DESIGNER

SITE ORIENTATION MAP

1700 SOUTH

LANDSCAPE ARCHITECT:



1063 WEST 1400 NORTH LOGAN. UTAH 84321 435-752-4202

CIVIL ENGINEER:



MAP OF SALT LAKE CITY MAROLD CITY DRIVE MAROLD CI	90 SOUTH SURPRISE WE 200 SOUTH SURPRISE WE 2
VIC	INITY MAP

OWNER

DEPARTMENT OF:

COMMUNITY AND ECONOMIC DEVELOPMENT ENGINEERING DIVISION

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

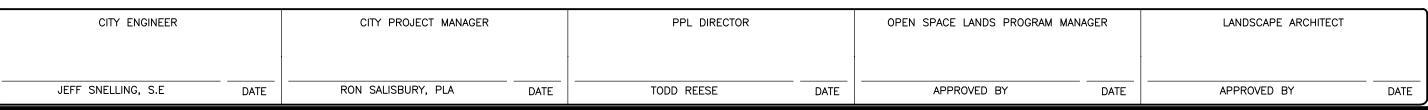
349 SOUTH 200 EAST. SUITE 100 SALT LAKE CITY, UTAH 84111 OFFICE - 801.535.7961 FAX - 801.535.6093

CITY OFFICIALS

	MAYOR	RALPH BECKER
CITY COUNCIL	DIST. 1	JAMES ROGERS
	DIST 2	KYIFIAMAIFA

DIST. 3 STAN PENFOLD LUKE GARROTT ERIN MENDENHALL CHARLIE LUKE DIST. 6

LISA ADAMS DIST. 7 CITY ENGINEER



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 Project Manager.

<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

Survey Staking

Survey staking is the responsibility of the Contractor.

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

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 Project Manager at the completion of the

Temporary Construction Facilities

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 Project Manager. 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 Project Manager 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

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 Project Manager.

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 paved 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.

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
- 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 Project Manager immediately

<u>Grading And Drainage Plan Notes</u>

1.Excavate/reconstruct Emigration Creek banks and wetland areas as per typical cross section details. To be field verified by qualified hydrologist.

- 2. Contractor to stake the boundary of the grading area for approval from the Project Manager prior to grading.
- 3. Contractor is responsible for erosion, dust and temporary drainage control during grading operations.
- 4. Fill areas are to be compacted throughout to a minimum of 90% relative compaction
- 5. Contractor is responsible for the location and protection of all utilities.
- 6. 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 Project Manager in the field prior to
- 2. All plant material shall conform to the guidelines established by "The American Standard for Nursery Stock", published by the American Association of Nurserymen, Inc.
- 3. No substitution of plant species will be allowed without the written approval of the Project Manager.
- 4. Locate and verify all utility line locations prior to staking and report any conflicts to the Project Manager.

APPROXIMATE

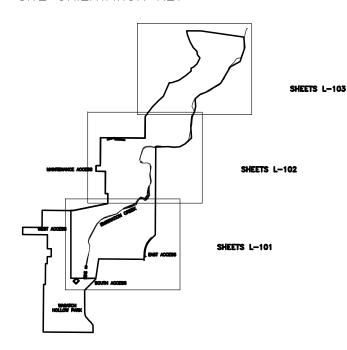
- 5. Do not install plant material until the rough grading of topsoil is approved by the Project Manager
- 6. Hand water plant material until established.

ABBREVIATIONS

APPROX

AFFRUX	AFFROXIMATE
AVG	AVERAGE
BC	BOTTOM OF CURB
ВМ	BENCHMARK
BOC	BACK OF CURB
BW	BOTTOM OF WALL
CAL	CALIPER
CL	CENTERLINE
CY	CUBIC YARD
DIA	DIAMETER
EL	ELEVATION
EXIST	EXISTING
FG	FINISH GRADE
HORIZ	HORIZONTAL
HP	HIGH POINT
IN	INCHES
LF	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
REQ'D	REQUIRED
ROW	RIGHT OF WAY
SF	SQUARE FOOT
SHT	SHEET
TC	TOP OF CURB
TW	TOP OF WALL
TYP	TYPICAL
VERT	VERTICAL
	·

SITE ORIENTATION KEY



1063 West 1400 North Logan, Utah 84321

REPARER CONSULTANTS:

ROFFSSIONAL SFAL:

70% REVIEW NOT FOR CONSTRUCTION .

PROJECT IDENTIFICATION:

WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION

ROJECT OWNER:

SALT LAKE CITY CORPORATION ENGINEERING

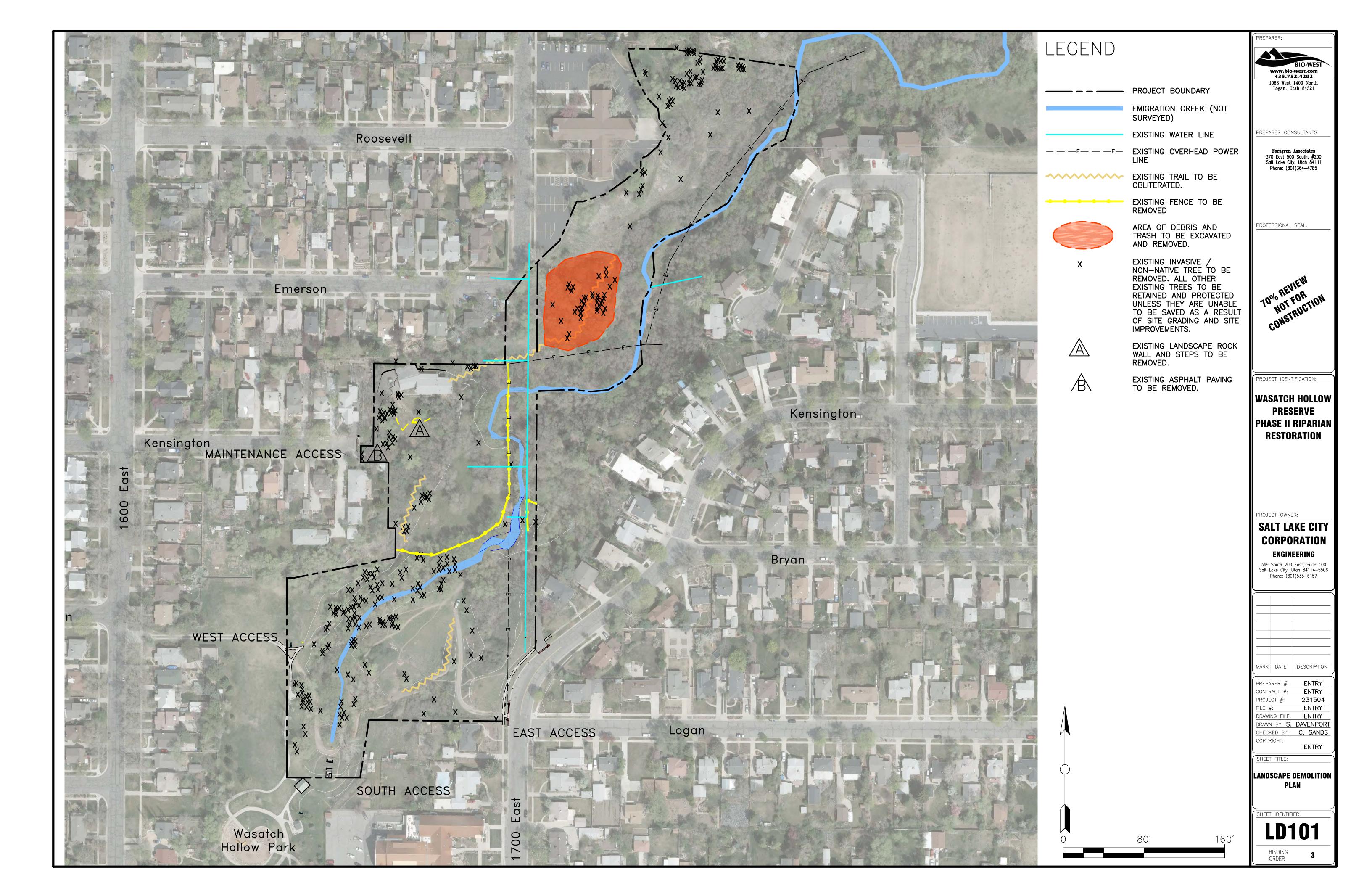
349 South 200 East, Suite 100 Salt Lake City, Utah 84114-5506 Phone: (801)535-6157

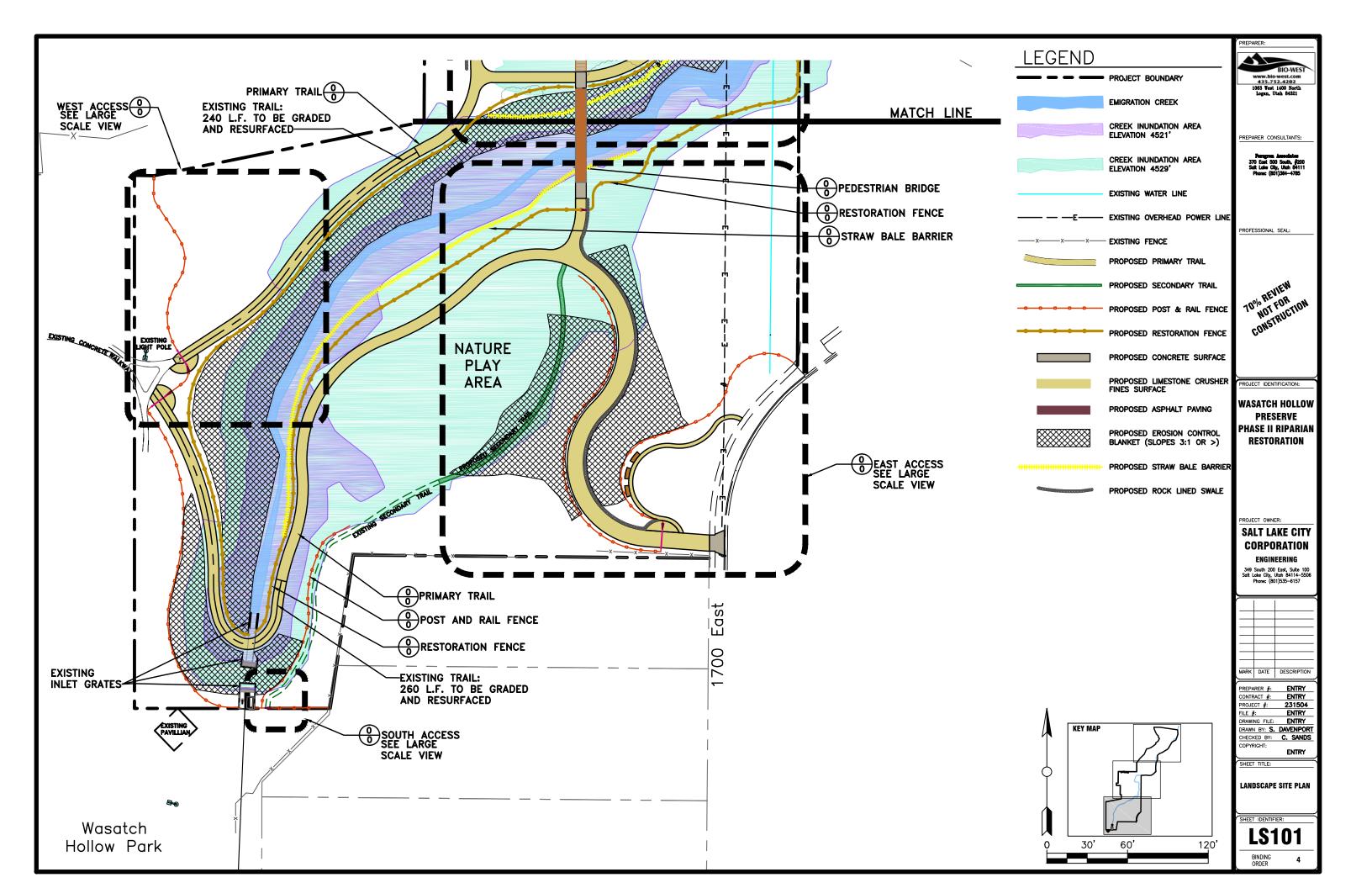
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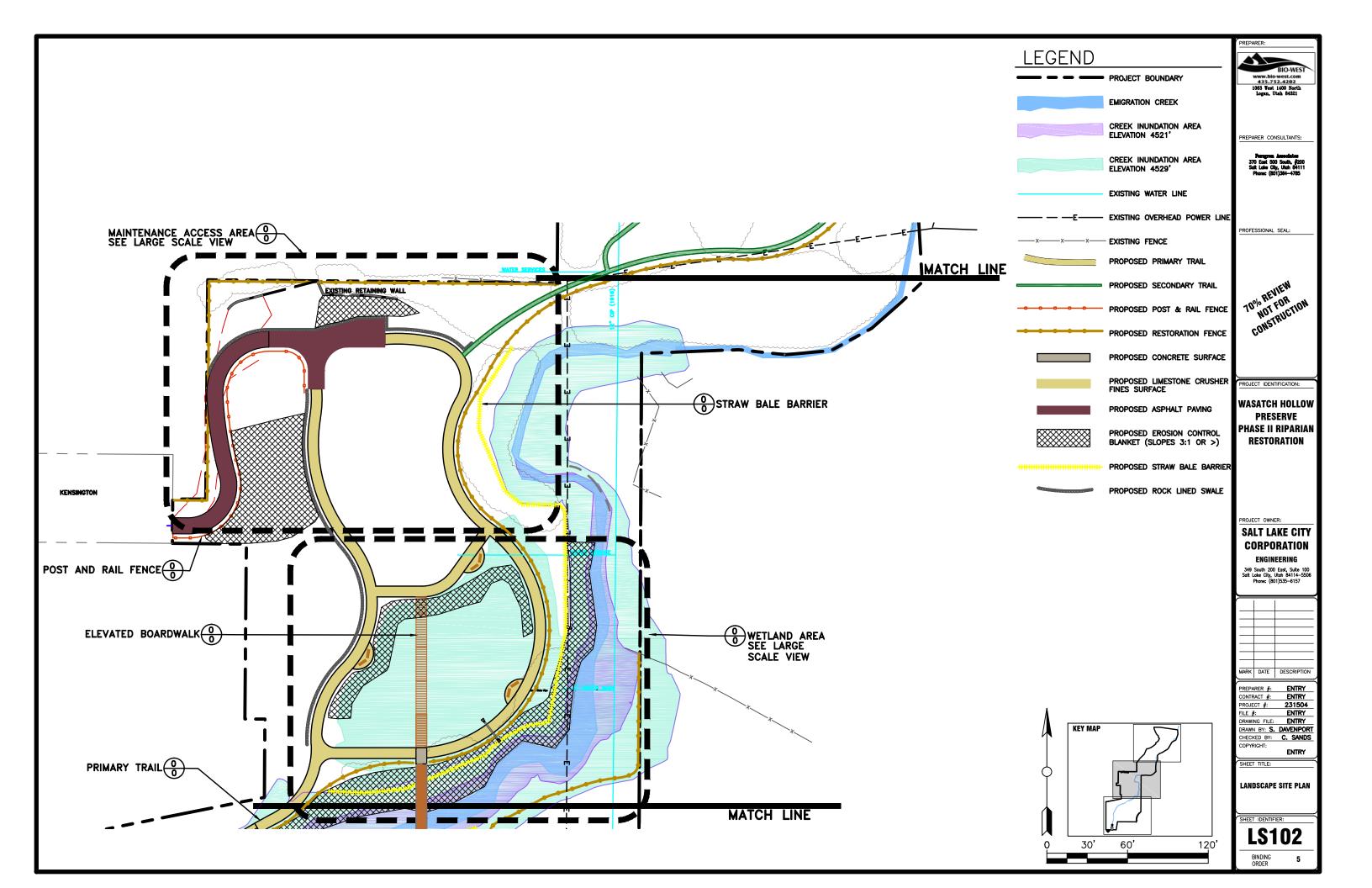
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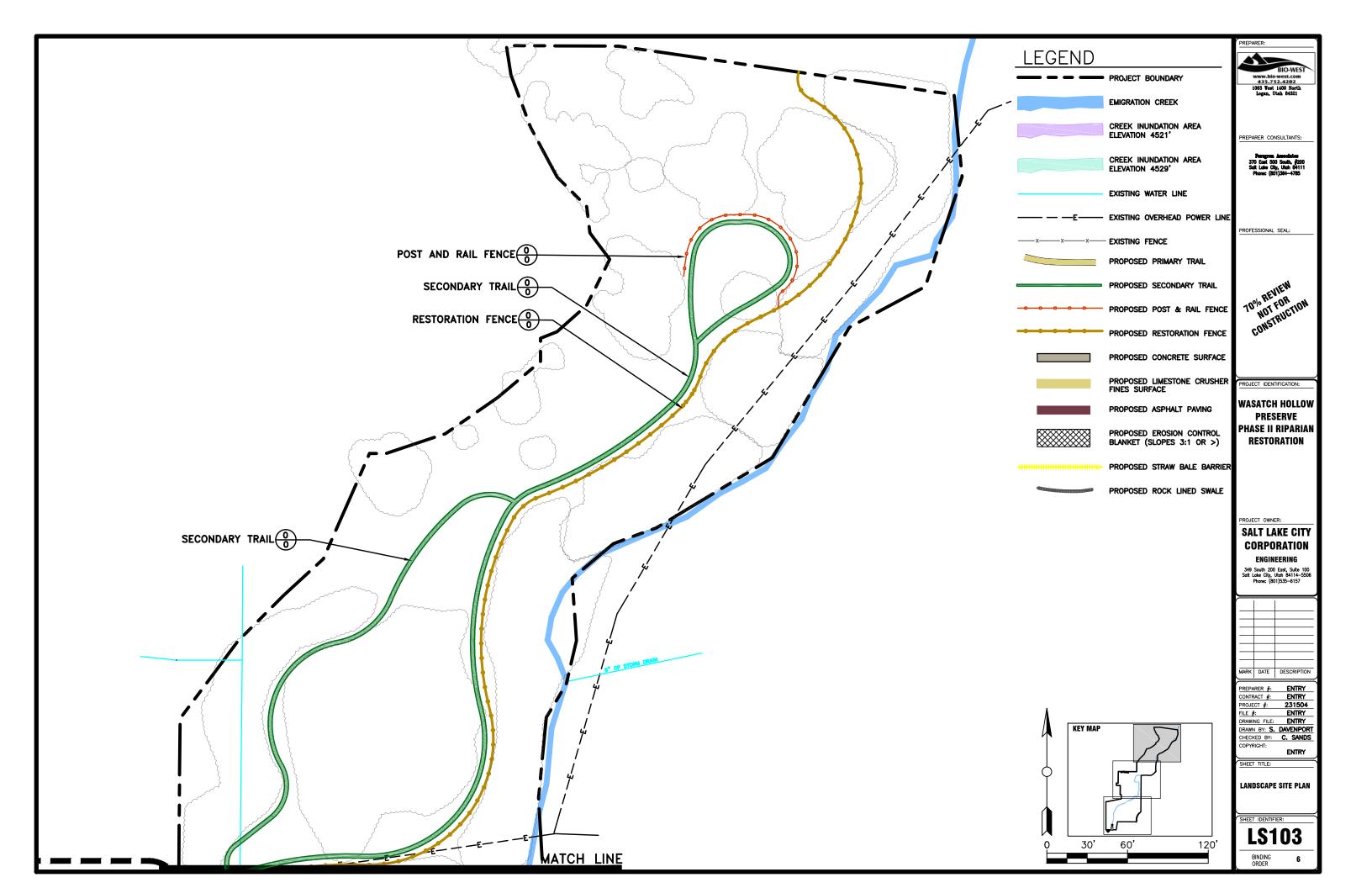
GENERAL INFORMATION NOTES

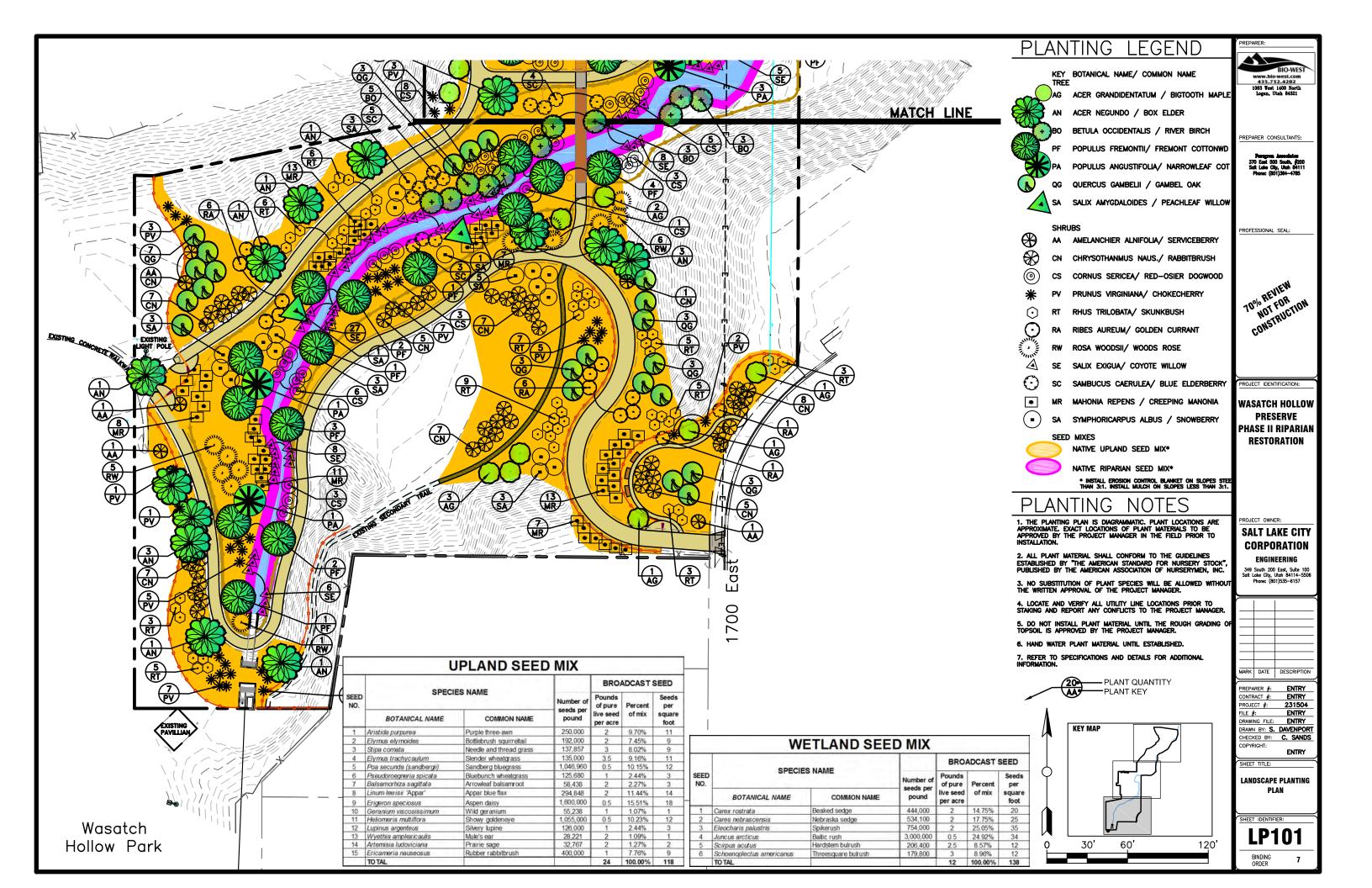
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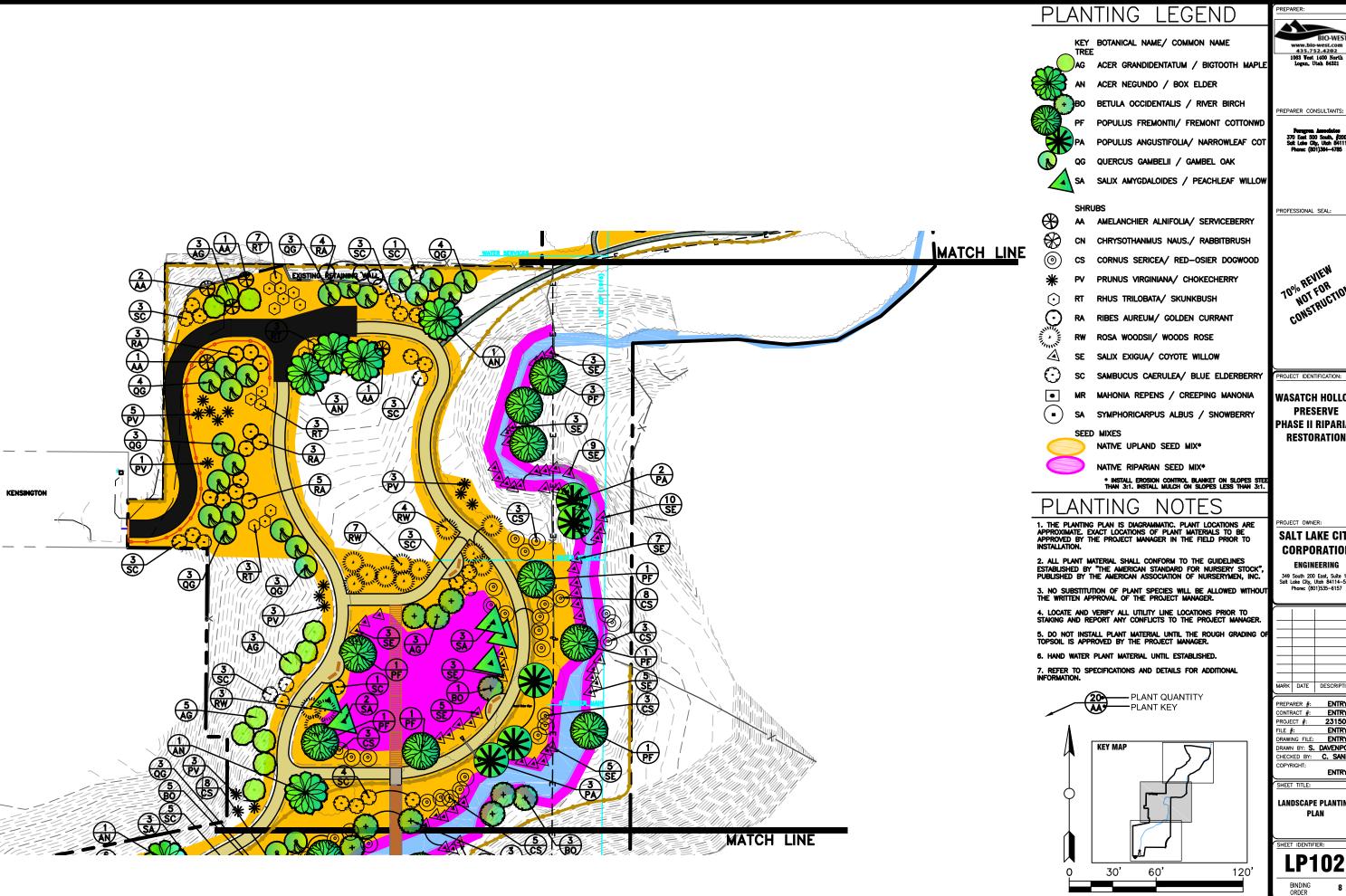












Persgren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364—4785

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WASATCH HOLLOW PRESERVE **PHASE II RIPARIAN** RESTORATION

SALT LAKE CITY CORPORATION

349 South 200 East, Suite 100 Salt Lake City, Utah 84114-5500 Phone: (801)535-6157

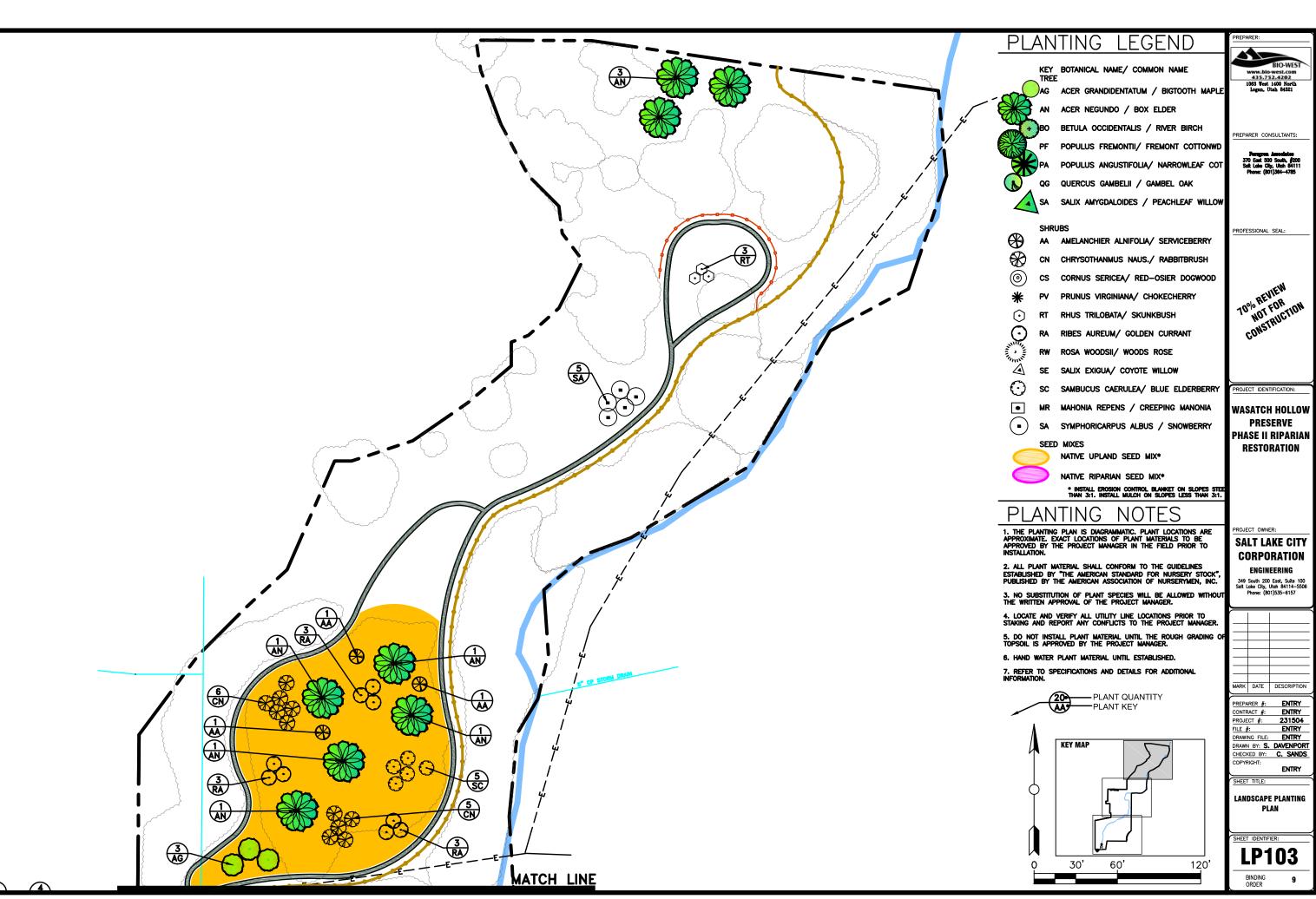
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ENTRY DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS

LANDSCAPE PLANTING

HEET IDENTIFIER:

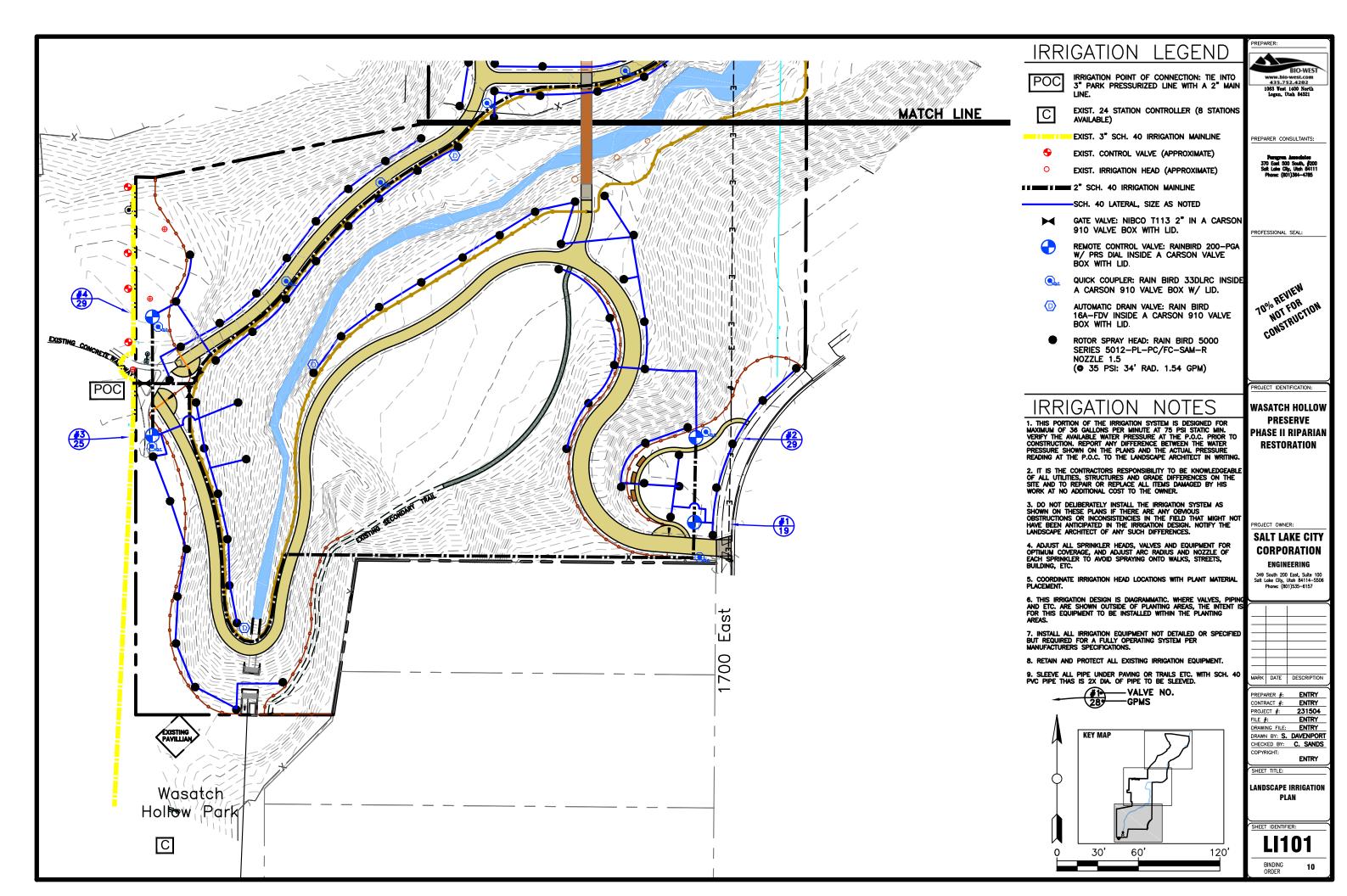
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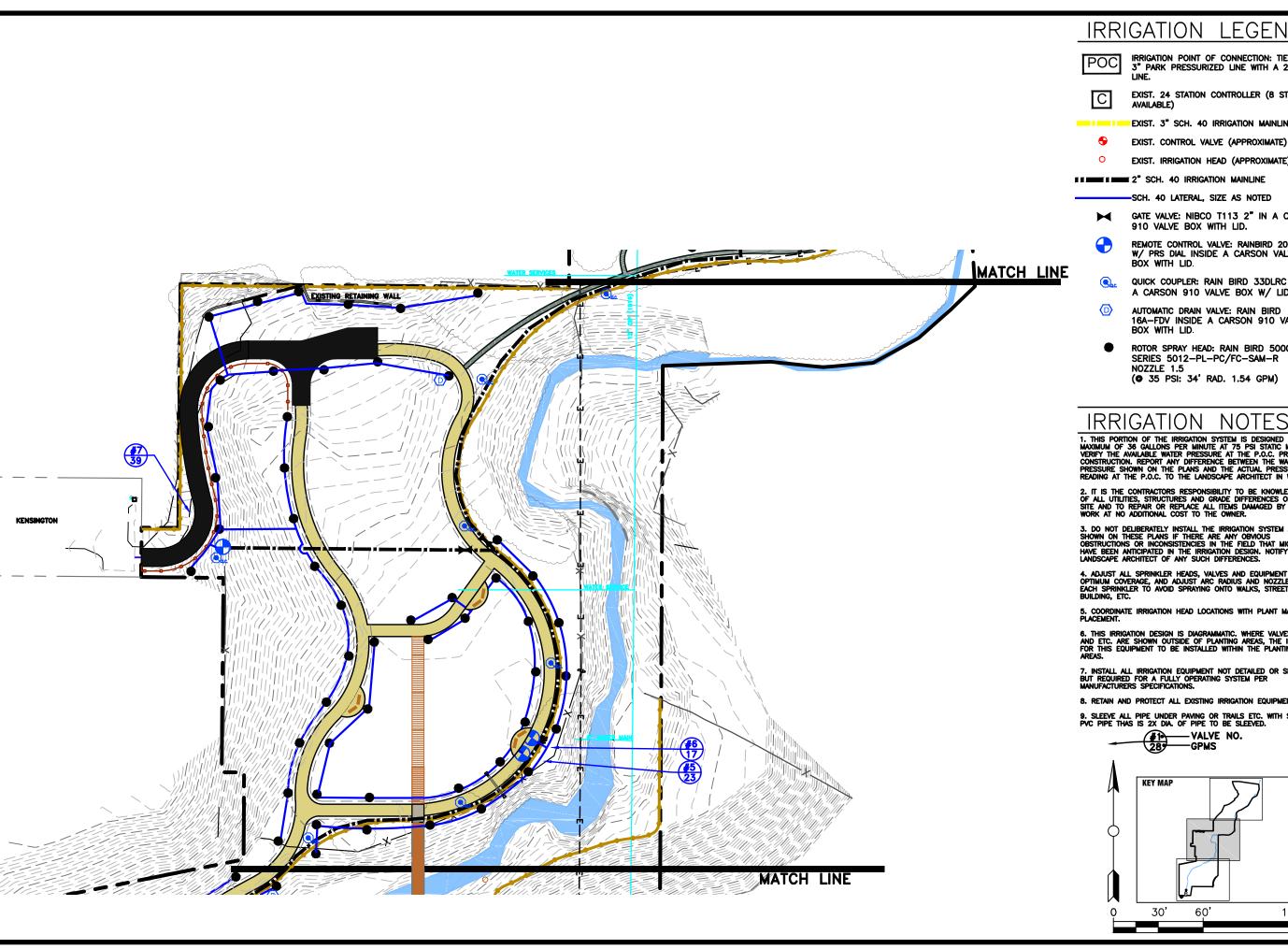


WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION

CONTRACT #: ENTRY 231504 ENTRY DRAWN BY: S. DAVENPORT CHECKED BY: C. SANDS

LANDSCAPE PLANTING





IRRIGATION LEGEND

IRRIGATION POINT OF CONNECTION: TIE INTO 3" PARK PRESSURIZED LINE WITH A 2" MAIN



AVAILABLE)

EXIST. 3" SCH. 40 IRRIGATION MAINLINE

EXIST. CONTROL VALVE (APPROXIMATE)

EXIST. IRRIGATION HEAD (APPROXIMATE)

I I I I 2" SCH. 40 IRRIGATION MAINLINE

SCH. 40 LATERAL. SIZE AS NOTED

GATE VALVE: NIBCO T113 2" IN A CARSON 910 VALVE BOX WITH LID.

REMOTE CONTROL VALVE: RAINBIRD 200-PGA W/ PRS DIAL INSIDE A CARSON VALVE BOX WITH LID.

QUICK COUPLER: RAIN BIRD 33DLRC INSIDE A CARSON 910 VALVE BOX W/ LID.

AUTOMATIC DRAIN VALVE: RAIN BIRD 16A-FDV INSIDE A CARSON 910 VALVE BOX WITH LID.

ROTOR SPRAY HEAD: RAIN BIRD 5000 SERIES 5012-PL-PC/FC-SAM-R NOZZLE 1.5 (35 PSI: 34' RAD. 1.54 GPM)



PREPARER CONSULTANTS:

Foregree Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364—4785

PROFESSIONAL SEAL:

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PROJECT IDENTIFICATION:

WASATCH HOLLOW PRESERVE PHASE II RIPARIAN

PROJECT OWNER: **SALT LAKE CITY**

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

RESTORATION

1. THIS PORTION OF THE IRRIGATION SYSTEM IS DESIGNED FOR MAXIMUM OF 36 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 PRESSURE SHOWN ON THE PLANS AND THE ACTUAL PRESSURE READING AT THE P.O.C. TO THE LANDSCAPE ARCHITECT IN WRITING.

2. IT IS THE CONTRACTORS RESPONSIBILITY TO BE KNOWLEDGEABLE OF ALL UTILITIES, STRUCTURES AND GRADE DIFFERENCES ON THE SITE AND TO REPAIR 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 OBVIOUS OBSTRUCTIONS OR INCONSISTENCIES IN THE FIELD THAT MIGHT NOT HAVE BEEN ANTICIPATED IN THE IRRIGATION DESIGN. NOTIFY THE LANDSCAPE ARCHITECT OF ANY SUCH DIFFERENCES.

ADJUST ALL SPRINKLER HEADS, VALVES AND EQUIPMENT FOR OPTIMUM COVERAGE, AND ADJUST ARC RADIUS AND NOZZLE OF EACH SPRINKLER TO AVOID SPRAYING ONTO WALKS, STREETS, BUILDING, ETC.

5. COORDINATE IRRIGATION HEAD LOCATIONS WITH PLANT MATERIAL PLACEMENT.

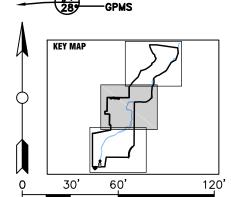
6. THIS IRRIGATION DESIGN IS DIAGRAMMATIC. WHERE VALVES, PIPIN AND ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS FOR THIS EQUIPMENT TO BE INSTALLED WITHIN THE PLANTING

7. INSTALL ALL IRRIGATION EQUIPMENT NOT DETAILED OR SPECIFIED BUT REQUIRED FOR A FULLY OPERATING SYSTEM PER MANUFACTURERS SPECIFICATIONS.

-VALVE NO.

8. RETAIN AND PROTECT ALL EXISTING IRRIGATION EQUIPMENT.

9. SLEEVE ALL PIPE UNDER PAVING OR TRAILS ETC. WITH SCH. 40 PVC PIPE THAS IS 2X DIA. OF PIPE TO BE SLEEVED.



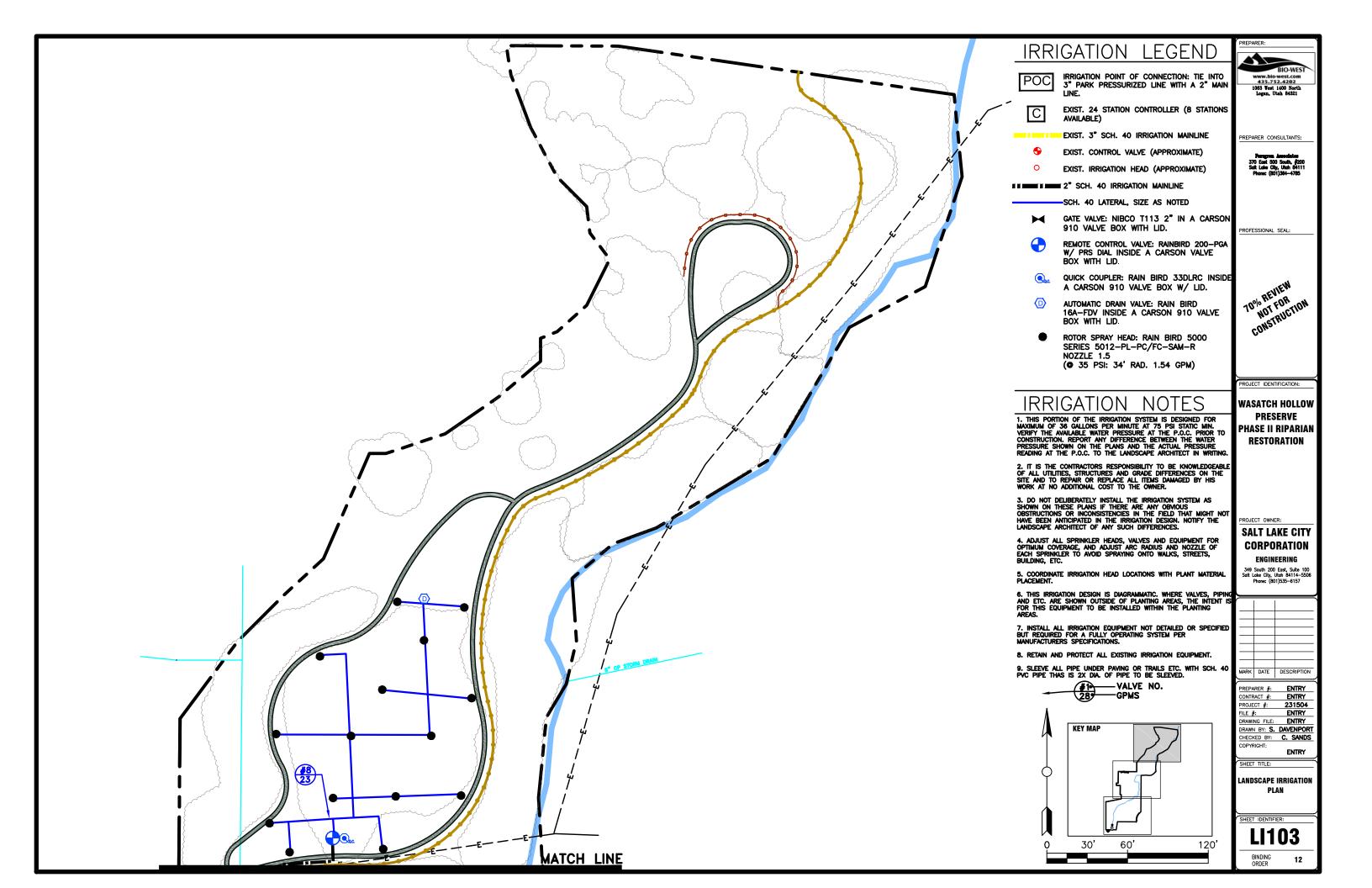
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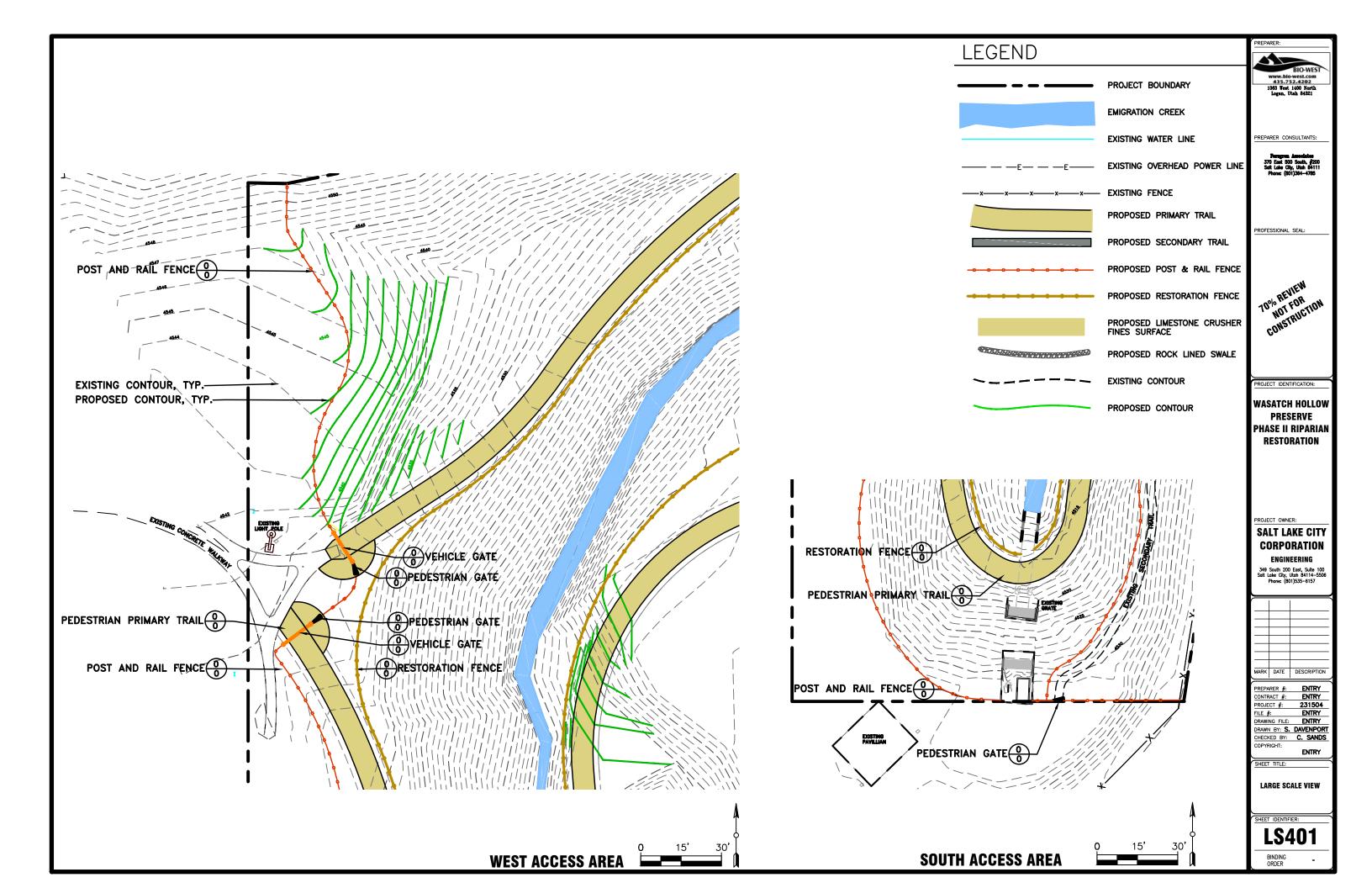
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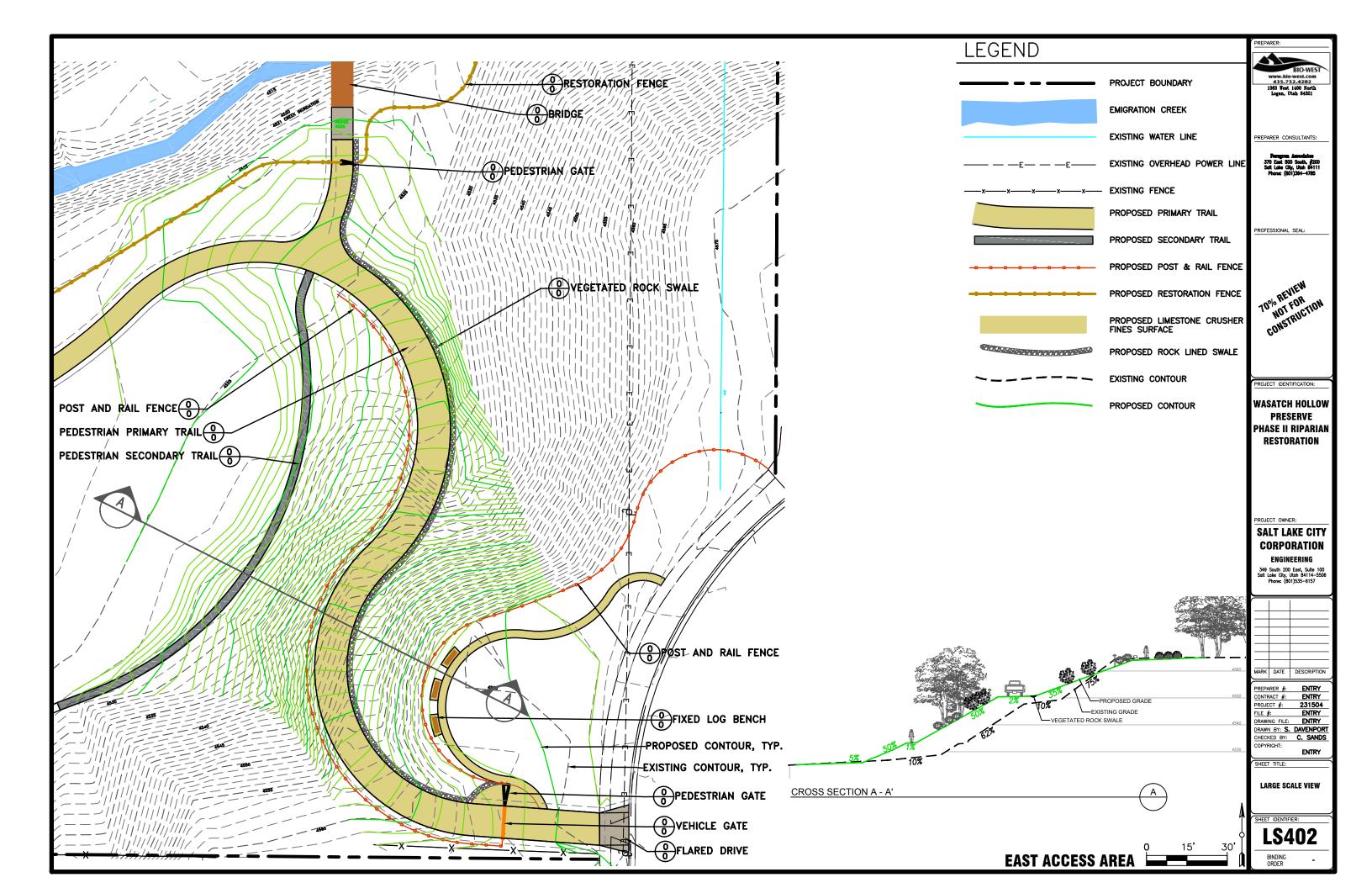
LANDSCAPE IRRIGATION PLAN

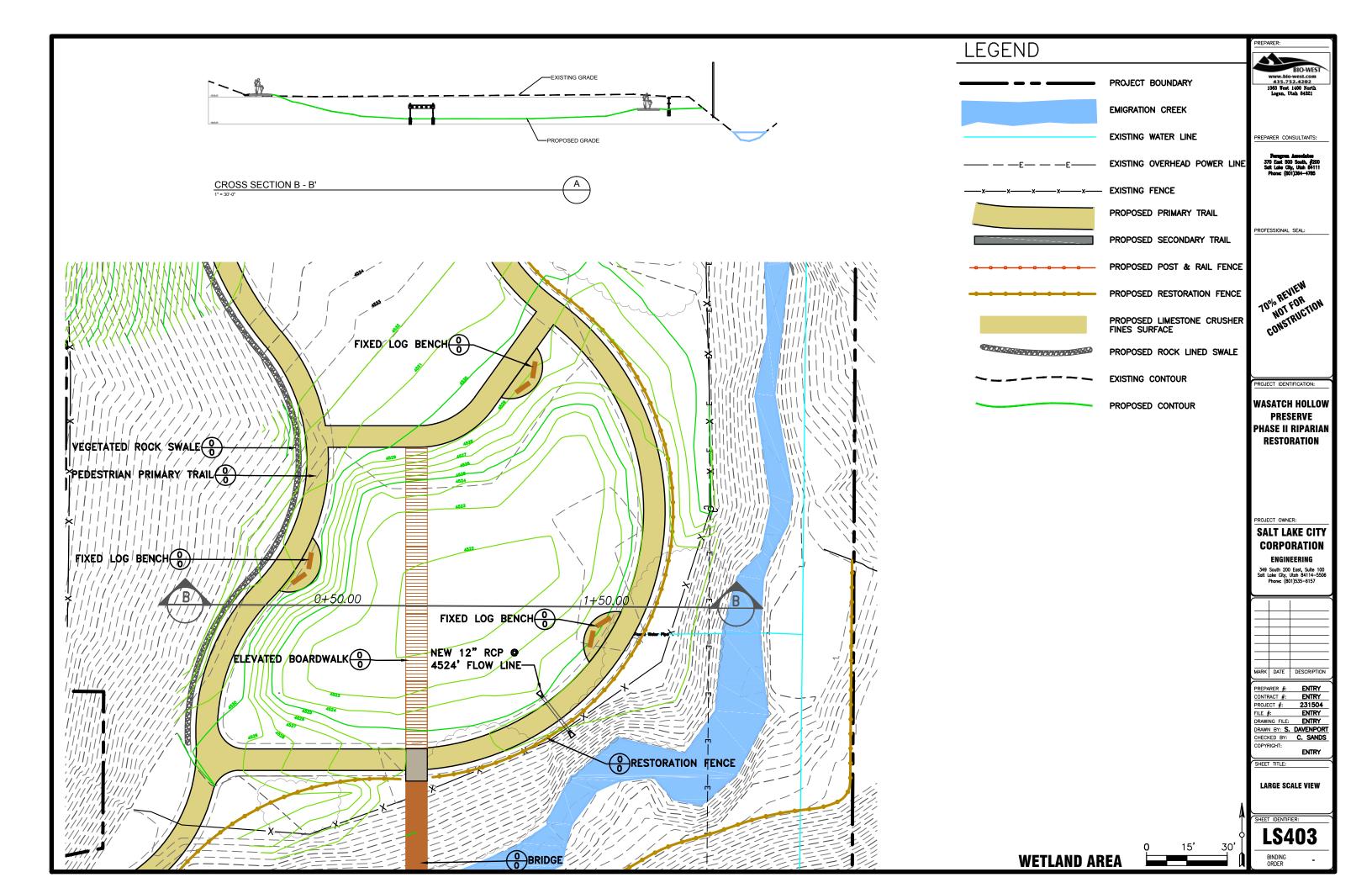
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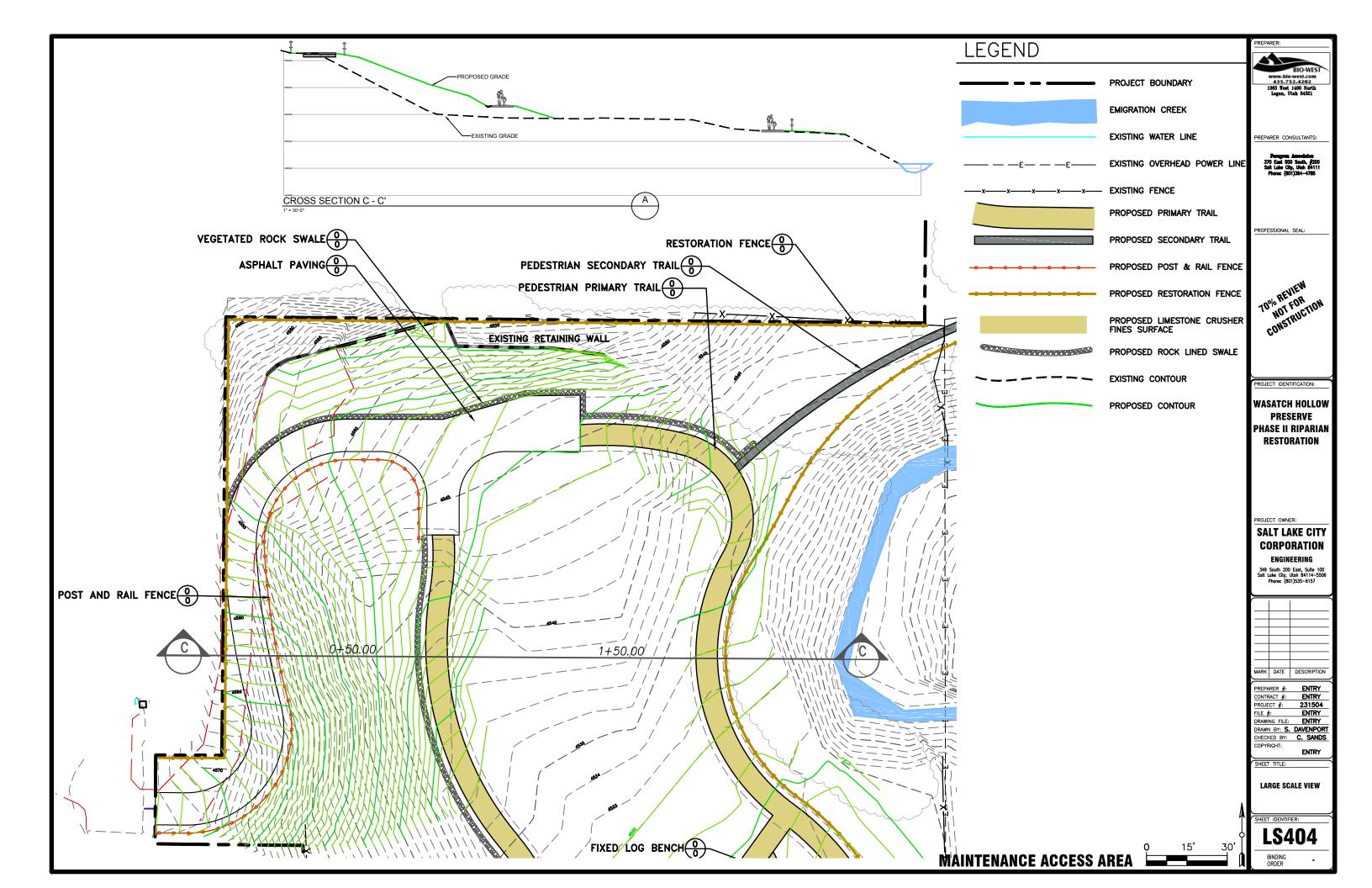
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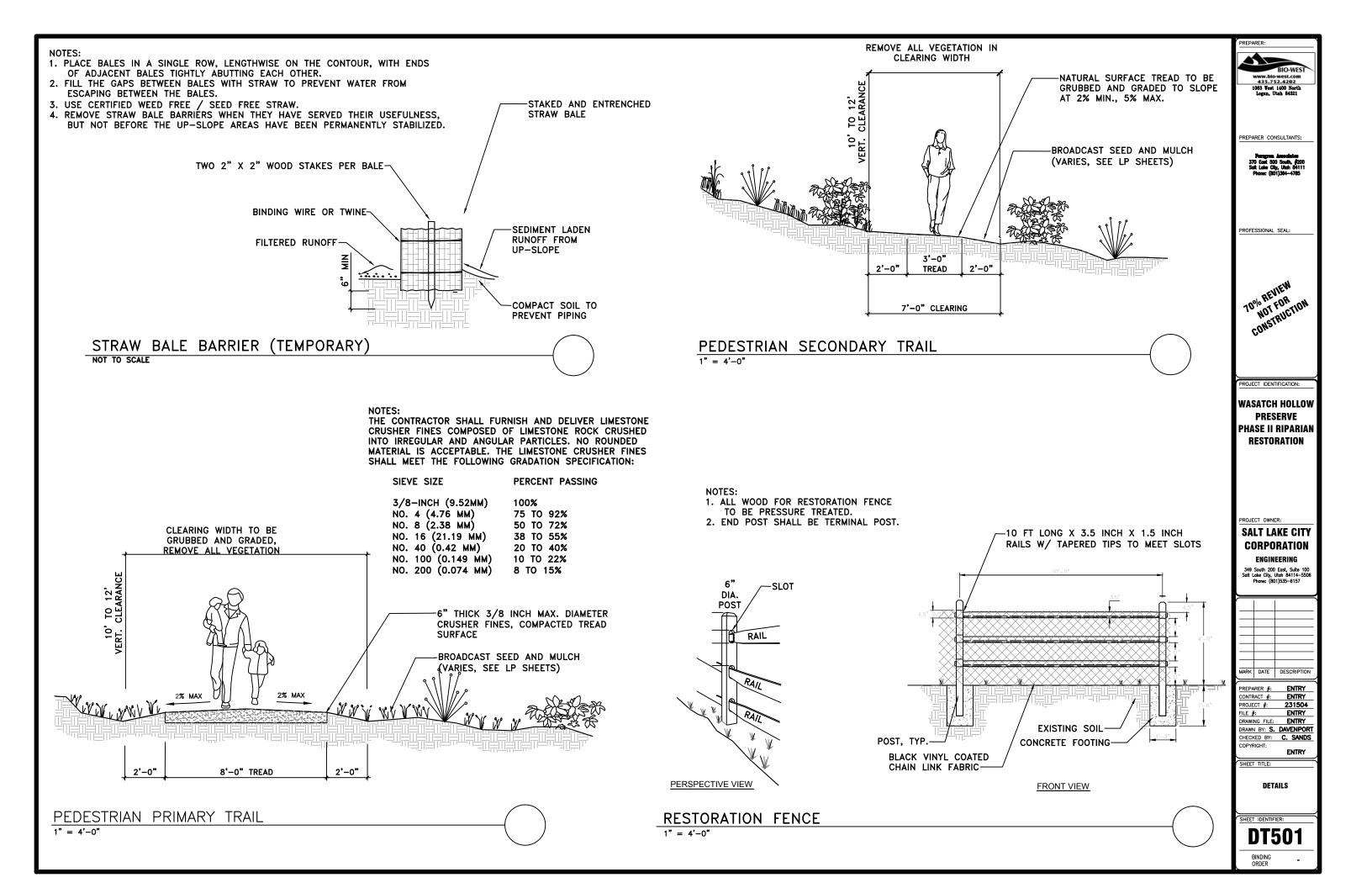


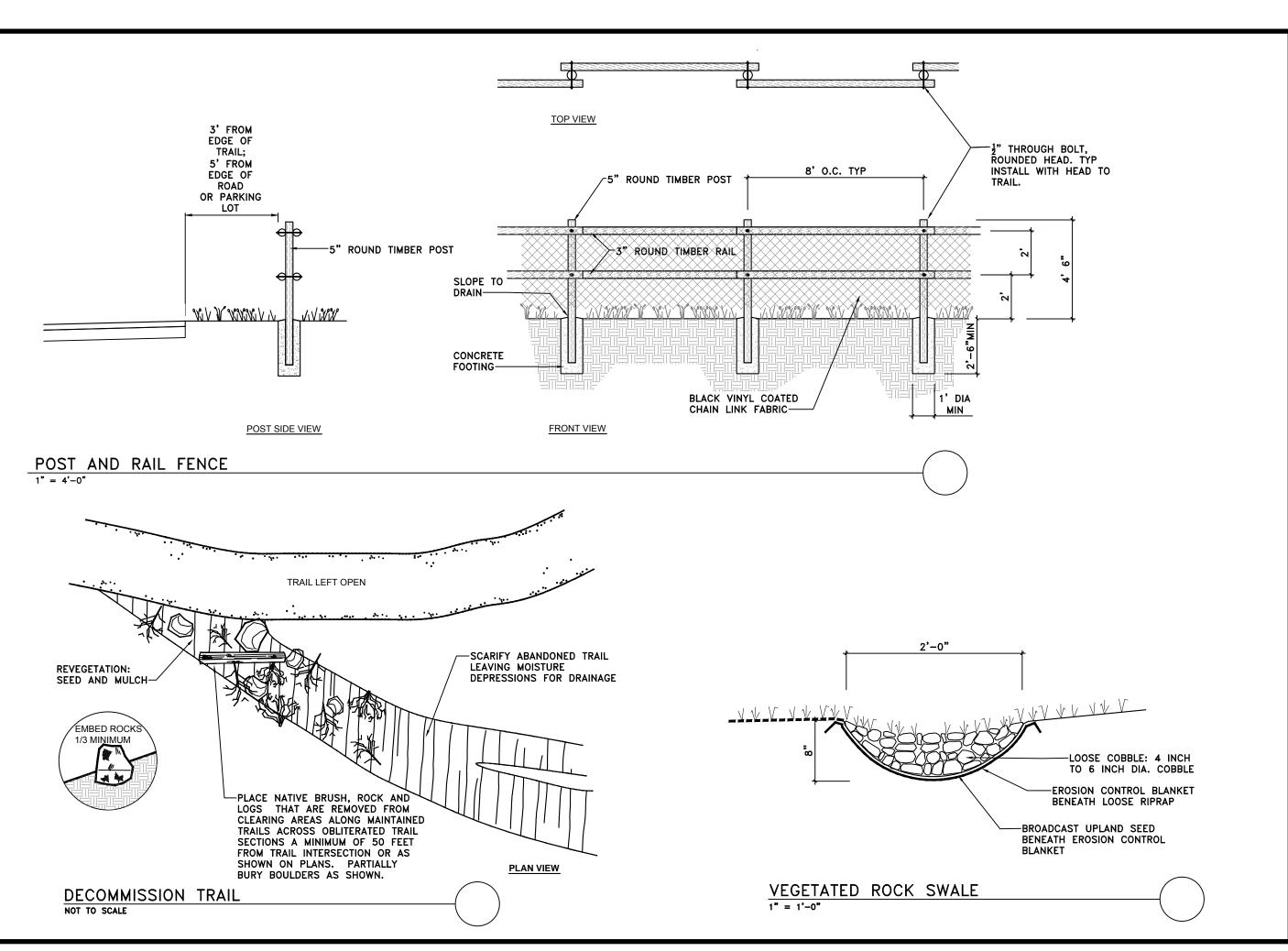












BIO-WEST
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1083 West 1400 North
logm, Utah 64321

PREPARER CONSULTANTS:

Persgree. Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364—4785

PROFESSIONAL SEAL:

70% REVIEW CONSTRUCTION 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 84114-5500 Phone: (801)535-6157

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PARER #:		ENTRY
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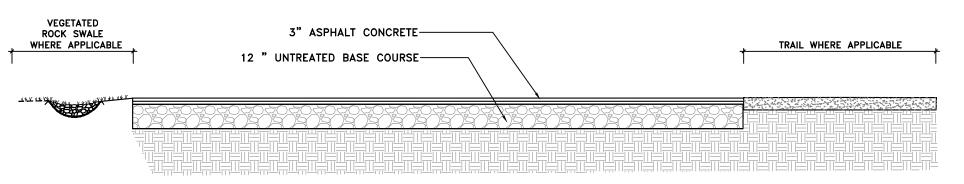
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ENI

DETAILS

HEET IDENTIFIER:

DT502



ASPHALT CONCRETE NOTES:

- 1. UNTREATED BASE COURSE: SHALL BE GRADE 1 AS APWA SECTION 02060 (SELECT FILL). PLACE FILL IN NO GREATER THAN 6 INCH LIFTS AFTER COMPACTION. COMPACT TO NO LESS THAN 95% RELATIVE DENSITY.
- 2. PRIME COAT: PRIME COAT ON UNTREATED BASE COURSE BEFORE PLACING ASPHALT.
- 3. CONSTRUCT ROAD MIX BITUMINOUS SURFACE COURSE ONLY WHEN AIR TEMPERATURE IN THE SHADE AND ROAD BED TEMPERATURE ARE GREATER THAN 50 DEGREES FARENHEIT.

BIO-WEST www.bio-west.com 435.752.4202 1088 West 1400 North Leen Illah 8(22)

PREPARER CONSULTANTS:

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SALT LAKE CITY CORPORATION

ENGINEERING

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



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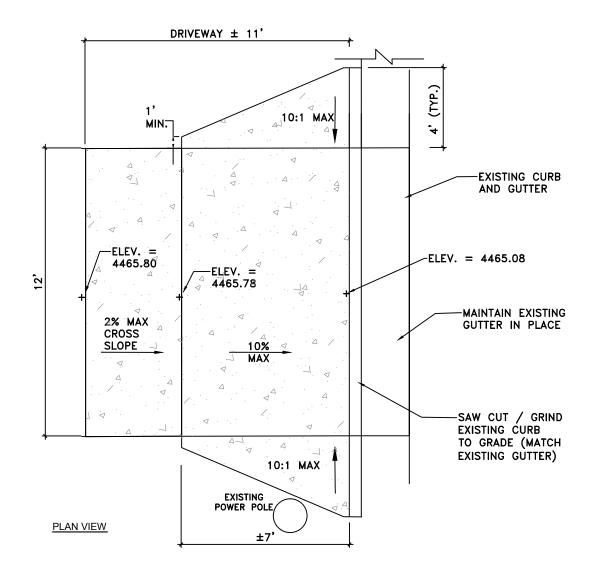
DETAILS

SHEET IDENTIFIER:

DT503
BINDING ORDER -

ASPHALT PAVING

1" = 4'-0"



NOTES:

- 1. CONSTRUCT FLARED DRIVEWAY ACCESS IN ACCORDANCE WITH UDOT STANDARD DRAWING GW 4A.
- 2. REMOVE EXISTING SIDEWALK AND REPLACE BACK TO NEAREST EXPANSION JOINT.
- 3. EXPANSION JOINTS TO BE PLACED WHEN NEW CONCRETE ABUTS EXISTING CONCRETE.

7 INCH THICK
CONCRETE

2% MAX
CROSS
SLOPE

10% MAX

2"
LIP OF EXISTING GUTTER
EXISTING ROADWAY
SURFACE

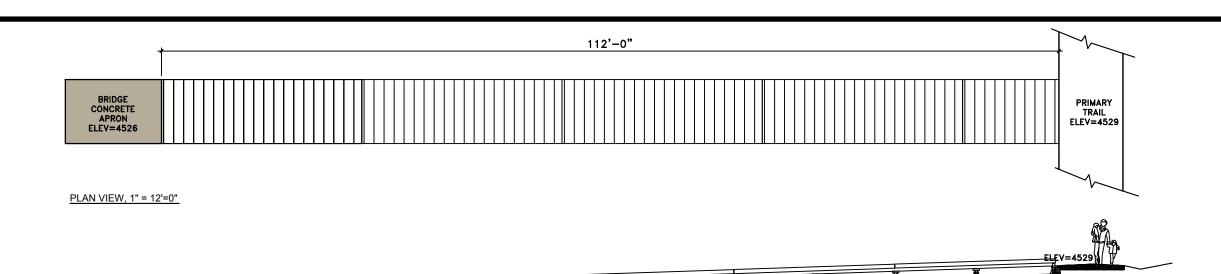
3 INCH UNTREATED
BASE COURSE

DRIVEWAY ± 11'

SECTION VIEW

FLARED DRIVEWAY

1" = 4'-0"

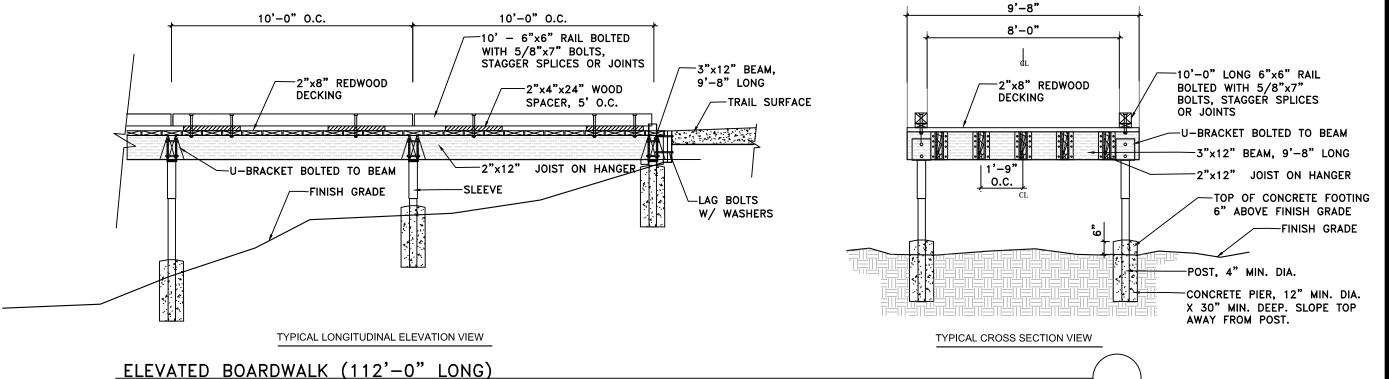


PROFILE VIEW, 1" = 12'=0"

ELEV=4526

NOTES

- 1. PRE-DRILL HOLES TO PREVENT SPLITTING DURING CONSTRUCTION. ATTACH DECKING USING GALVANIZED SECURITY SCREWS & HARDWARE (ALL WOODEN MEMBERS SHALL BE BOLTED OR SCREWED TOGETHER. NO NAIL CONNECTIONS).
- 2. USE ONLY GALVANIZED POSTS, JOIST HANGERS, "U" BRACKETS AND HARDWARE.
- 3. SITE SOIL PROPERTIES ARE ASSUMED TO SUPPORT FOUNDATION LOADS. CONTRACTOR SHALL PROVIDE GEOTECHNICAL REPORT TO THE ENGINEER INDICATING THE SITE SOIL PROPERTIES THAT CAN SUPPORT FOUNDATION LOADS PRIOR TO BEGINNING CONSTRUCTION.



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Logan, Utah 84321

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PROFESSIONAL SEAL:

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WASATCH HOLLOW PRESERVE PHASE II RIPARIAN RESTORATION

PROJECT OWNER:

SALT LAKE CITY CORPORATION

ENGINEERING

349 South 200 East, Suite 100
Salt Lake City, Utah 84114-5508
Phone: (801)535-6157

MARK DATE DESCRIPTION

PREPARER #: ENTRY
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PROJECT #: 231504

FILE #: FNTRY

FILE #: ENTRY
DRAWING FILE: ENTRY
DRAWN BY: S. DAVENPORT
CHECKED BY: C. SANDS

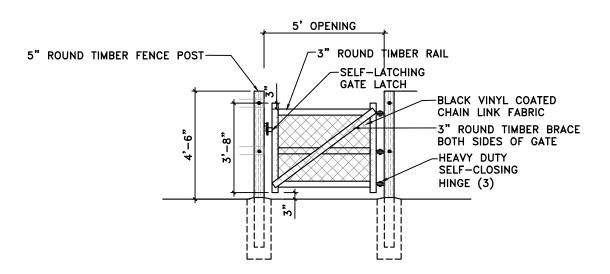
ENTRY

DETAILS

SHEET IDENTIFIER:

DT504

1" = 4'-0"



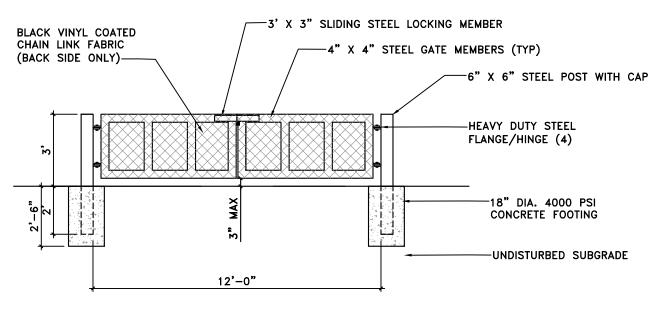
1" = 4'-0"

1. ALL VEHICLE GATE MEMBERS SHALL BE SCH. 40 TUBULAR STEEL. GRIND ALL WELDS SMOOTH.

2. PRIME AND PAINT.

PEDESTRIAN GATE

3. PROVIDE SHOP DRAWINGS FOR OWNER REVIEW PRIOR TO FABRICATION.



SECTION/ELEVATION

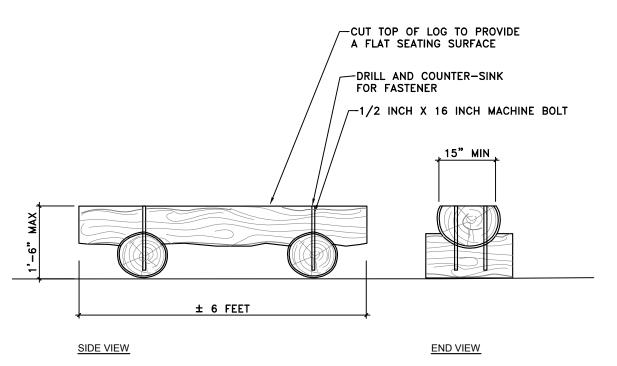
VEHICLE GATE

1. USE TWO MACHINE BOLTS FOR EACH SEAT AND FOOT CONNECTION.

2. SPACE EACH END OF BOLT WITH WASHERS.

3. USE 1/2" SELF LOCKING NUTS TO SECURE EACH BOLT.

4. PLUG EACH COUNTER-SINK AFTER ASSEMBLY WITH WOOD STOCK.



FIXED LOG BENCH 1" = 2'-0"

PREPARER CONSULTANTS:

Poragren Associates 370 East 500 South, ∯200 Salt Lake City, Utah 84111 Phone: (801)364—4785

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CONSTRUCTION

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

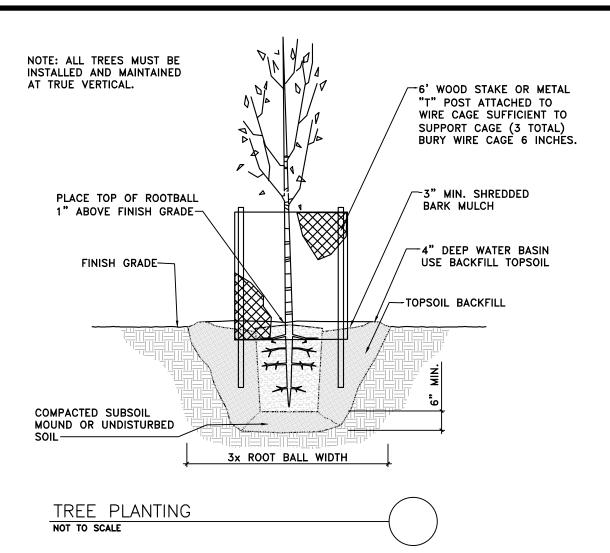
MARK DATE DESCRIPTION

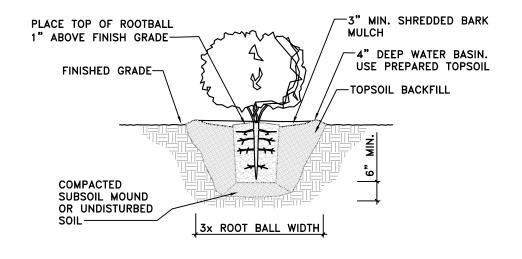
PREPARER #: ENTRY
CONTRACT #: ENTRY PROJECT #: 231504 DRAWING FILE: ENTRY
DRAWN BY: S. DAVENPORT
CHECKED BY: C. SANDS

DETAILS

HEET IDENTIFIER:

DT505





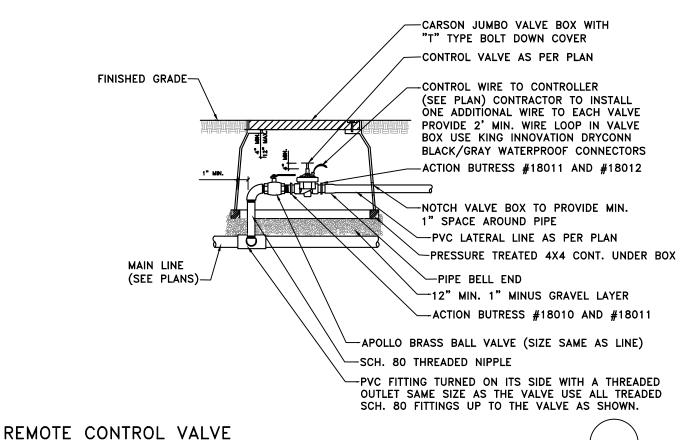
SHRUB PLANTING NOT TO SCALE

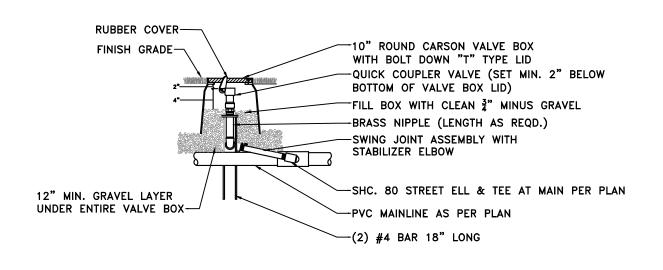
NOTES:

1. IF VALVE SIZE IS 2" OR GREATER INSTALL ONE VALVE PER BOX.

2. IF VALVE SIZE IS LESS THAN 2" INSTALL (2) VALVES PER BOX.

3. 6" MINIMUM CLEARANCE BETWEEN VALVES.





QUICK COUPLER

NTS

BIO-WEST

Www.bio-west.com
435.752.4202

1063 West 1400 North
Logan, Utah 84321

PREPARER CONSULTANTS:

Peragren Associates 370 East 500 South, #200 Salt Lake City, Utah 84111 Phone: (801)364—4785

PROFESSIONAL SEAL:

70% REVIEW
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 84114-5500 Phone: (801)535-6157

DESCRIPTION	DATE	K
ENTRY	ARER #:	PA
ENTRY	RACT #:	ITR
231504	NECT #:	
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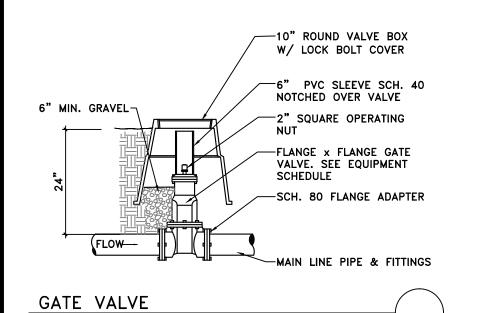
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PROJECT #: 231504
FILE #: ENTRY
DRAWING FILE: ENTRY
DRAWN BY: S. DAVENPORT
CHECKED BY: C. SANDS
COPPUBLIT:

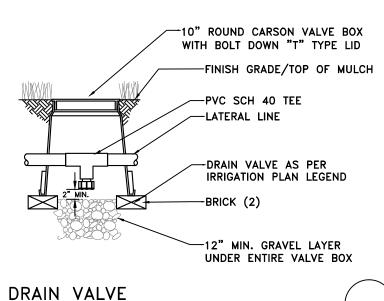
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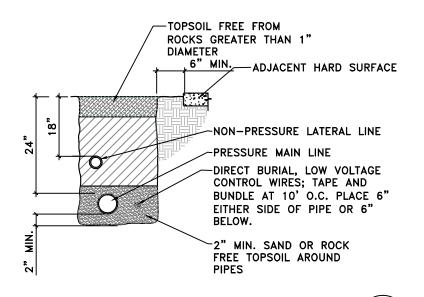
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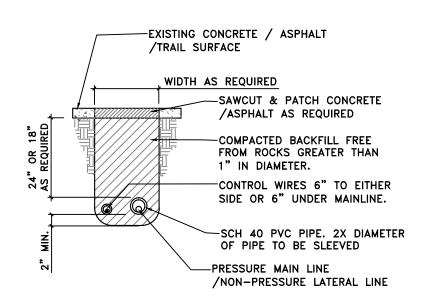
DT506







IRRIGATION PIPE TRENCHING



IRRIGATION PIPE SLEEVING

NTS

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www.bio-west.com
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1003 Feet 1400 North
Logan, Utah 84321

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MARK DATE DESCRIPTION

PREPARER #: ENTRY
CONTRACT #: ENTRY
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DRAWN BY: S. DAVENPORT
CHECKED BY: C. SANDS

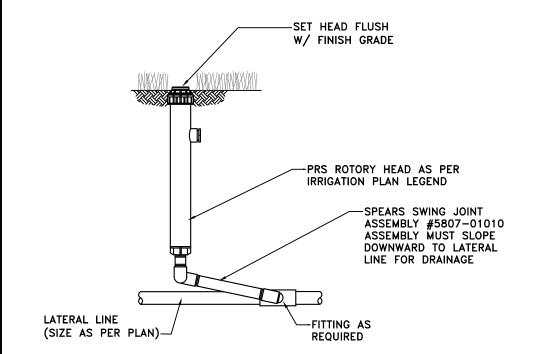
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DETAILS

HEET IDENTIFIER:

DT507

BINDING ORDER -

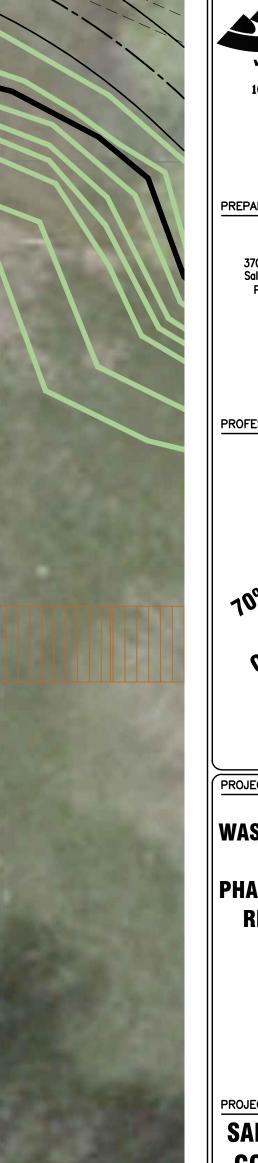


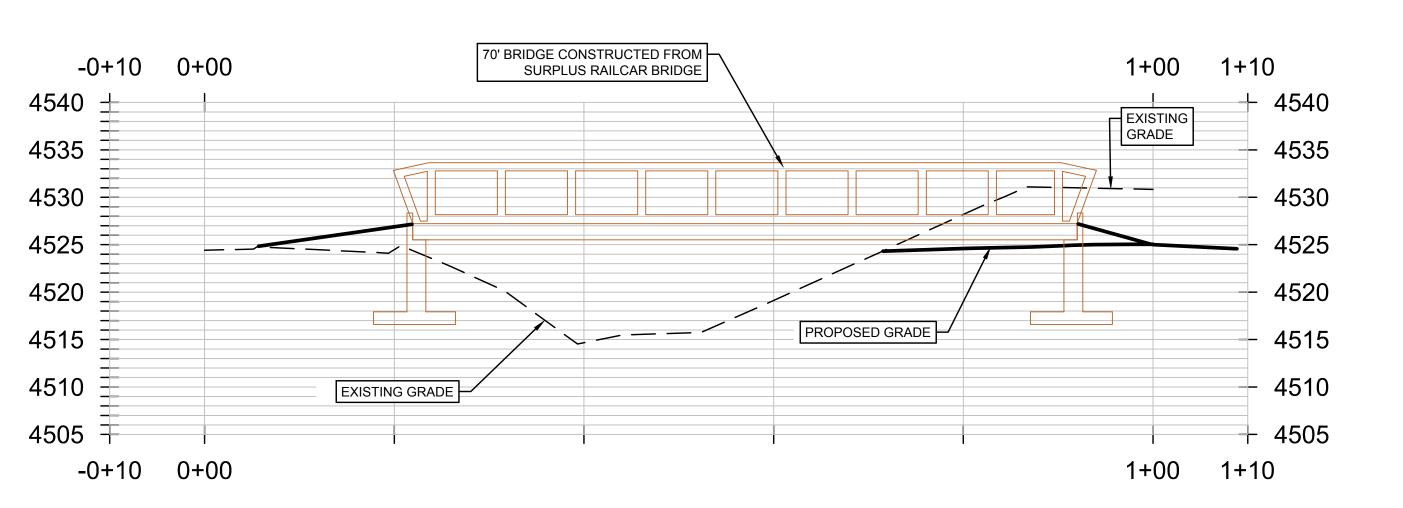




GRAPHIC SCALE

Scale: 1"=10'





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PROFESSIONAL SEAL:

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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

DATE	DESCRIPTION

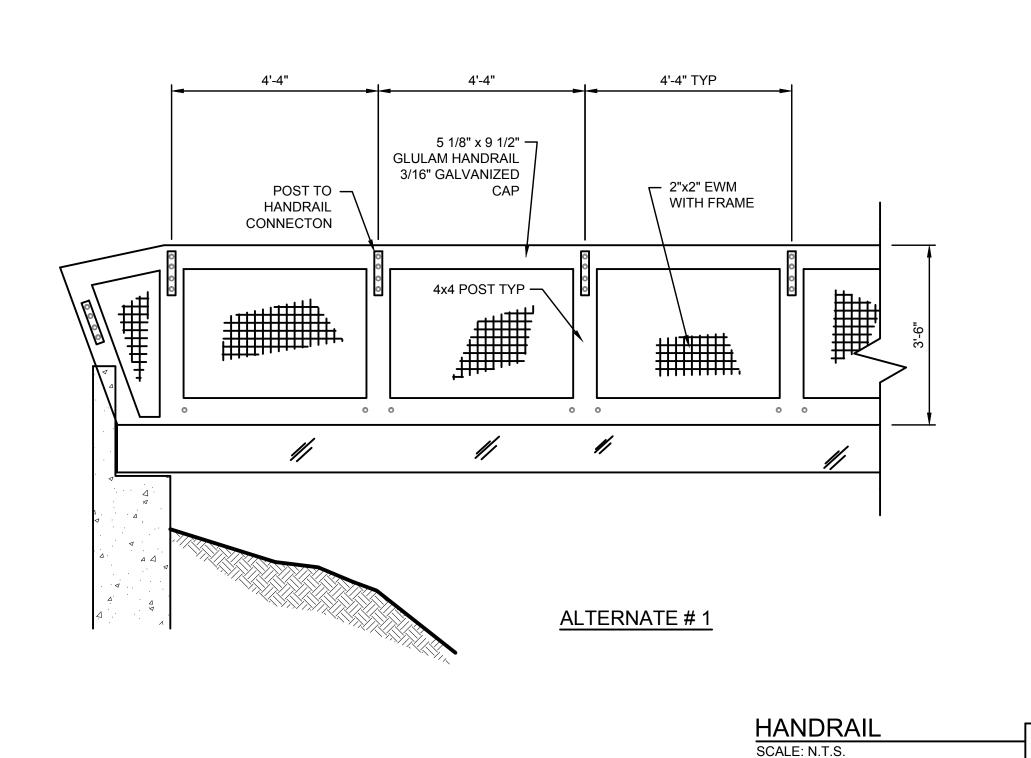
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CONTRACT #:	ENTRY
PROJECT #:	231504
FILE #:	ENTRY
DRAWING FILE:	ENTRY
DRAWN BY:	S. BURKE
CHECKED BY:	A. TAYLOR
COPYRIGHT:	
	ENTRY
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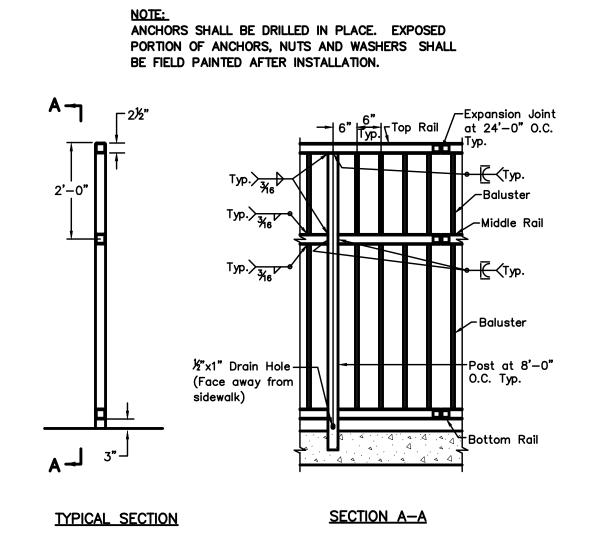
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CIVIL **IMPROVEMENT** PLAN

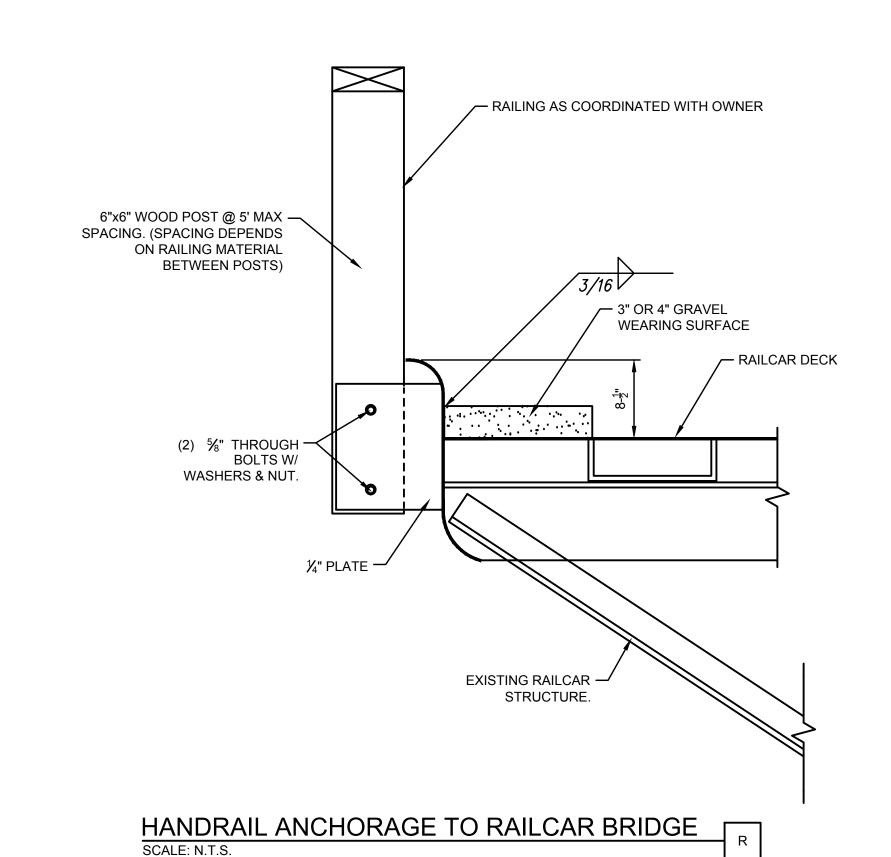
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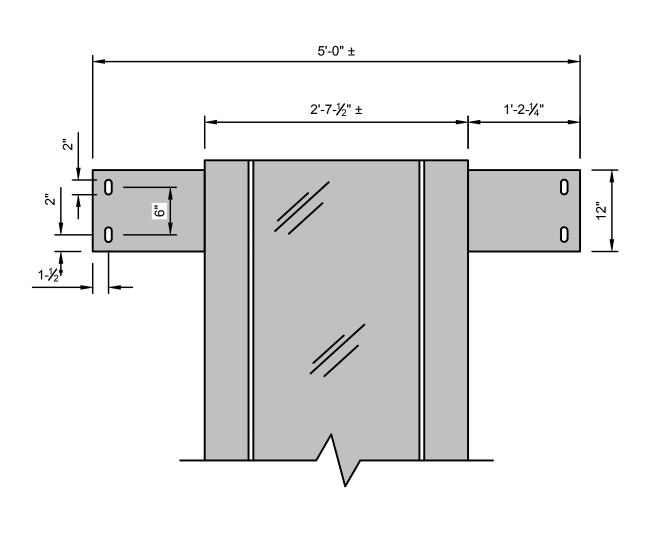
CI 101





ALTERNATE # 2

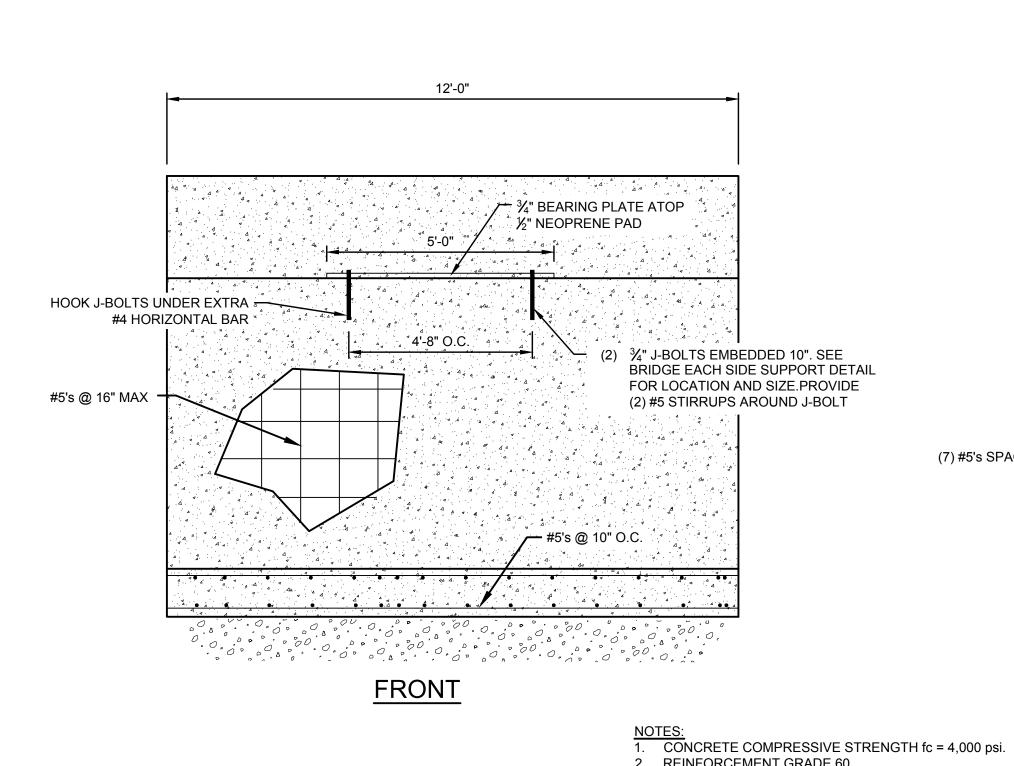


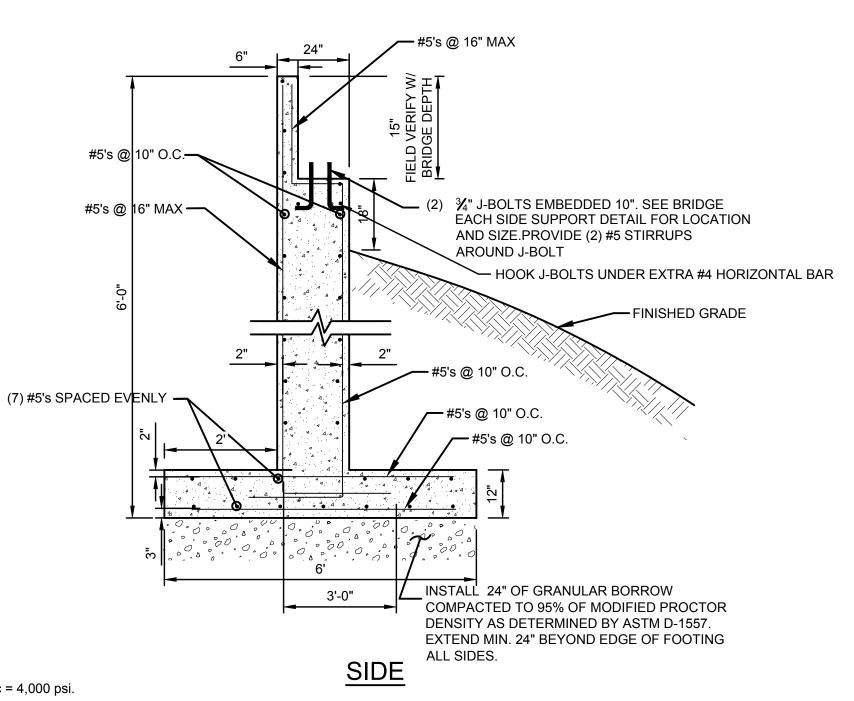


NOTES:

 FIELD VERIFY TO FIT WITH ABUTMENT ANCHOR BOLT PLACEMENT. ADJUST WIDTH ACCORDINGLY

BEARING PLATE SCALE: N.T.S.





12' WIDE ABUTMENT SCALE: N.T.S.

2. REINFORCEMENT GRADE 60.

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PROFESSIONAL SEAL:

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MARK DATE DESCRIPTION

ENTRY PREPARER #: CONTRACT #: ENTRY 231504 PROJECT #: ENTRY FILE #: DRAWING FILE: ENTRY DRAWN BY: S. BURKE CHECKED BY: A. TAYLOR COPYRIGHT: **ENTRY**

SHEET TITLE: CIVIL **DETAILS**

SHEET IDENTIFIER:

CI 102