HARDBERGER PARK - PHASE III, URBAN ECOLOGY CENTER
N
0
200
400
600
800
1000
2000
3000
4000
5000
5280 1mile
6000
7000
8000

SITE PLAN

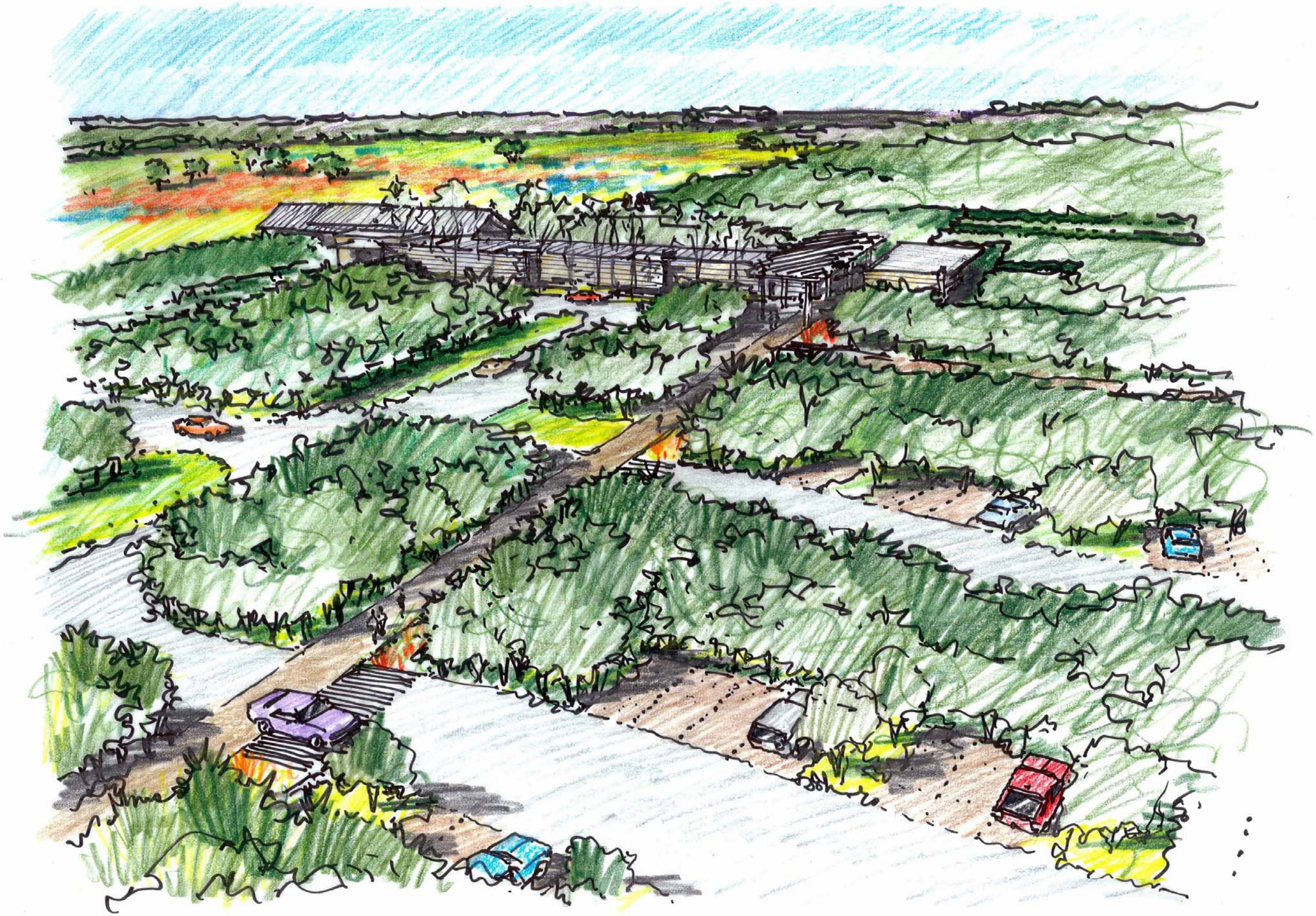
0 40 80 120 160 200 400

PHIL HARDBERGER PARK PH III SAN ANTONIO . TX

CONCEPTUAL DESIGN • 04 05 2011

LAKE | FLATO ARCHITECTS

STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS



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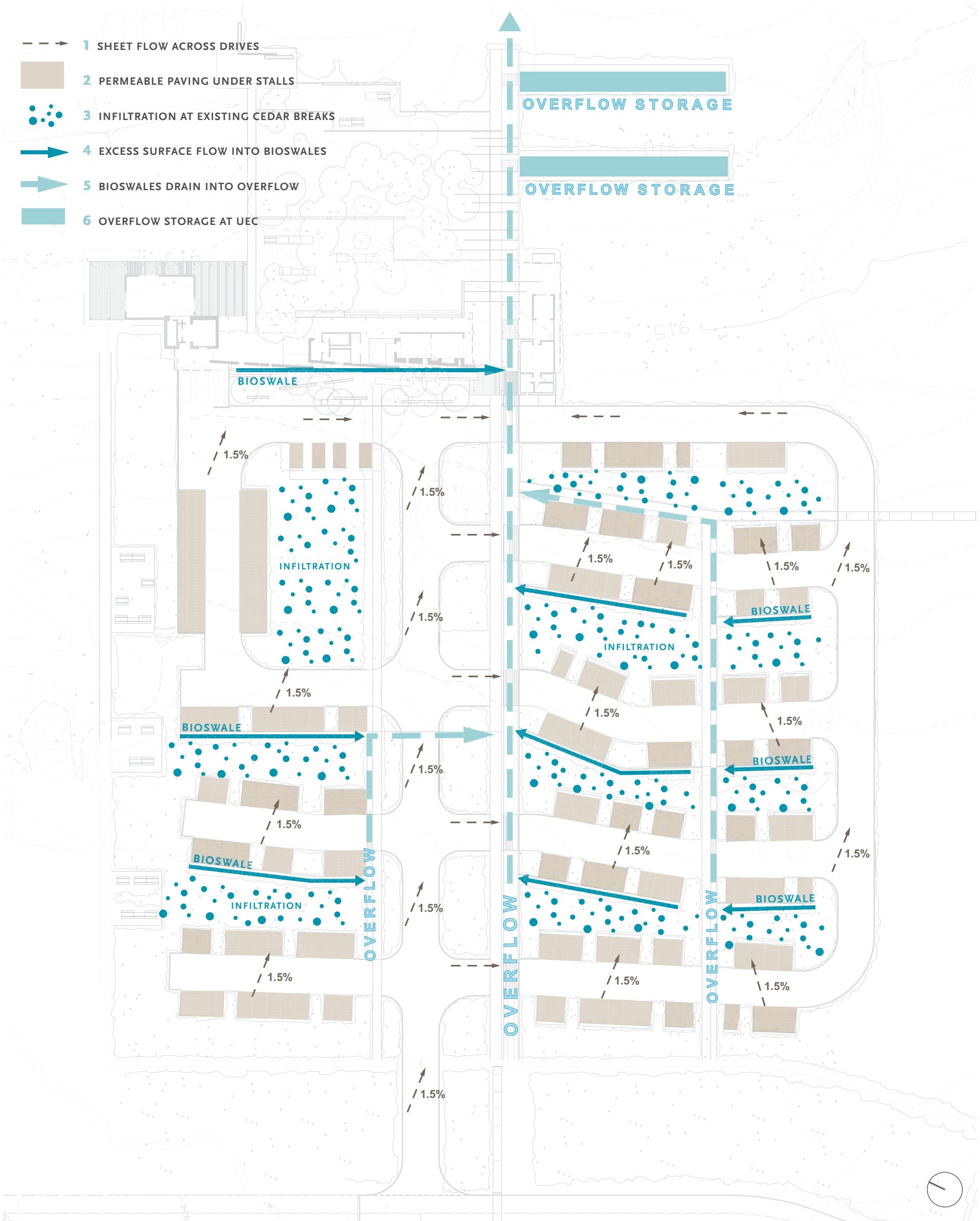

STORMWATER DIAGRAM

0 40 80 120 160 200 400

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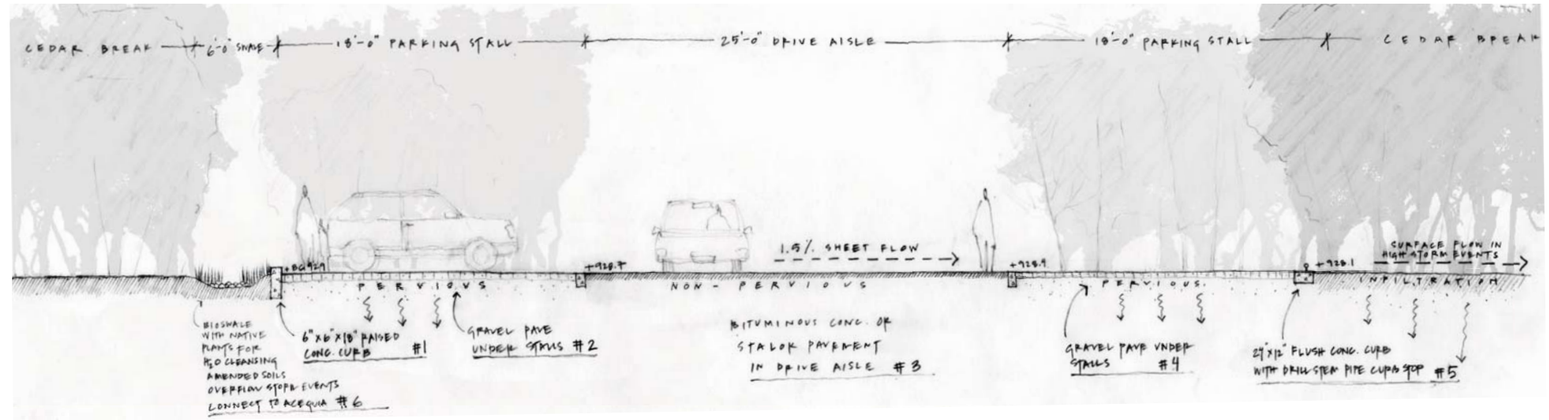
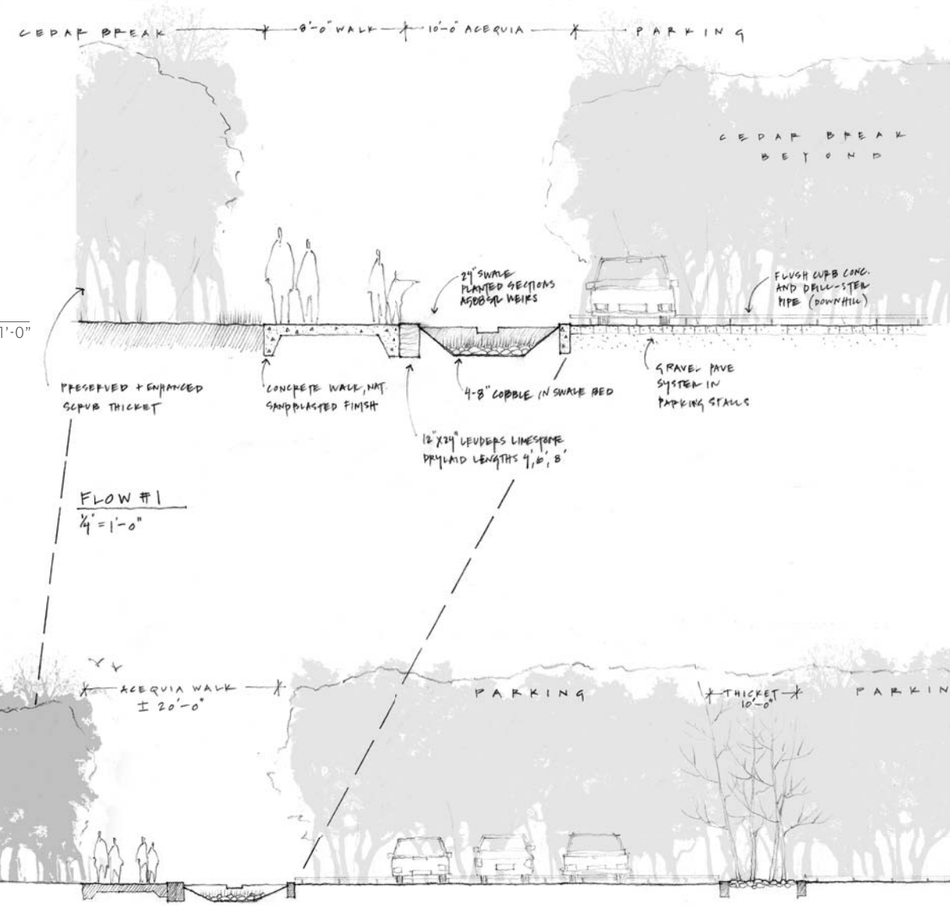
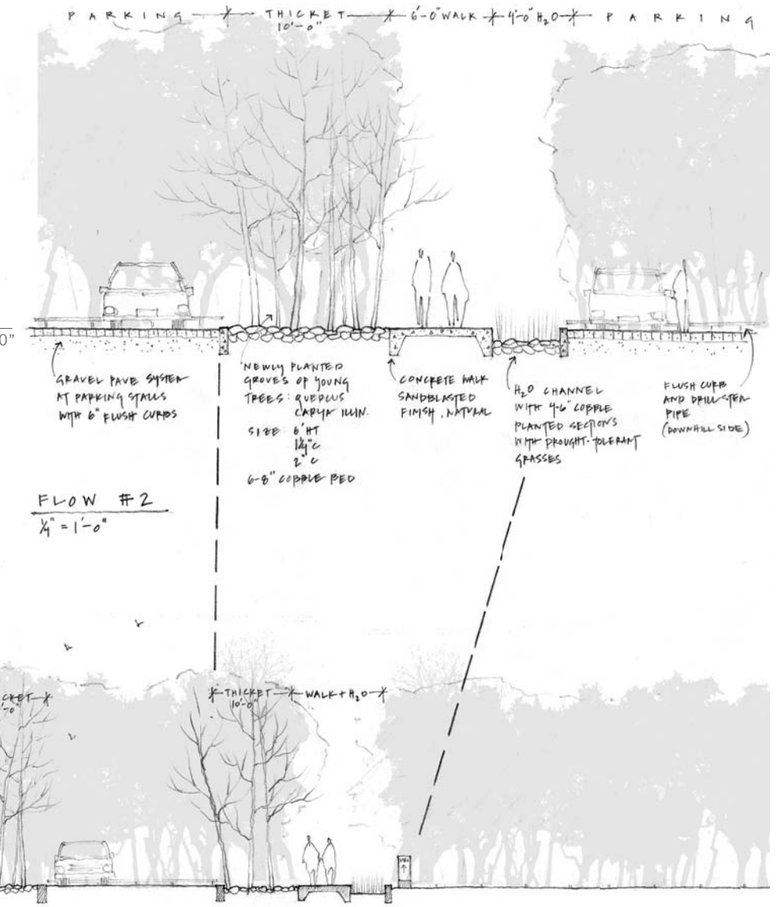
STORMWATER SECTION TYP.
VIEW WEST
SCALE: 1/4" = 1'-0"



FLOW #1
SCALE: 1/4" = 1'-0"

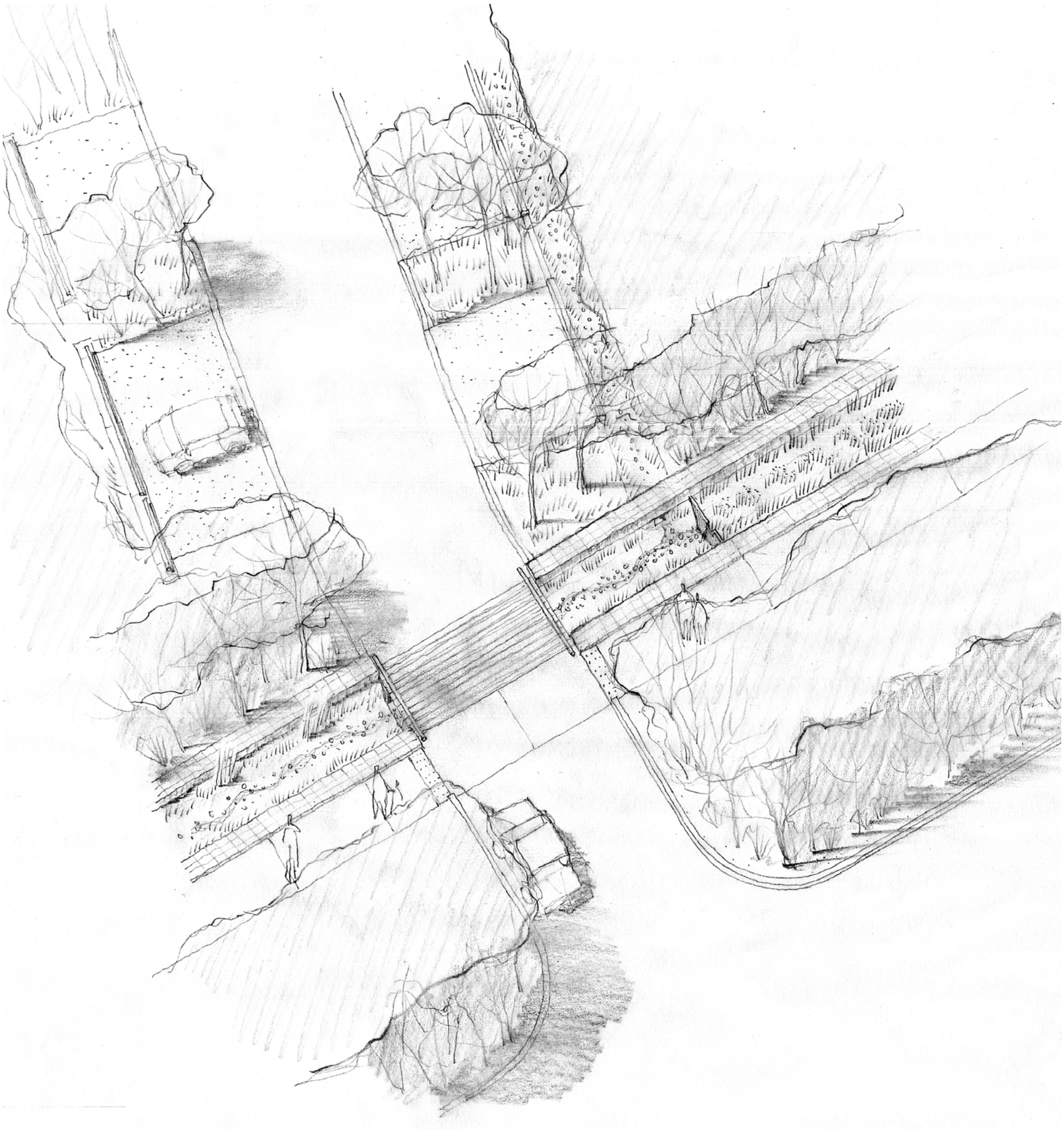


FLOW #2
SCALE: 1/4" = 1'-0"



SECTION ELEVATION
VIEW NORTHEAST
SCALE: 1/8" = 1'-0"

PARKING GROVE SECTIONS



PARKING GROVE STUDY

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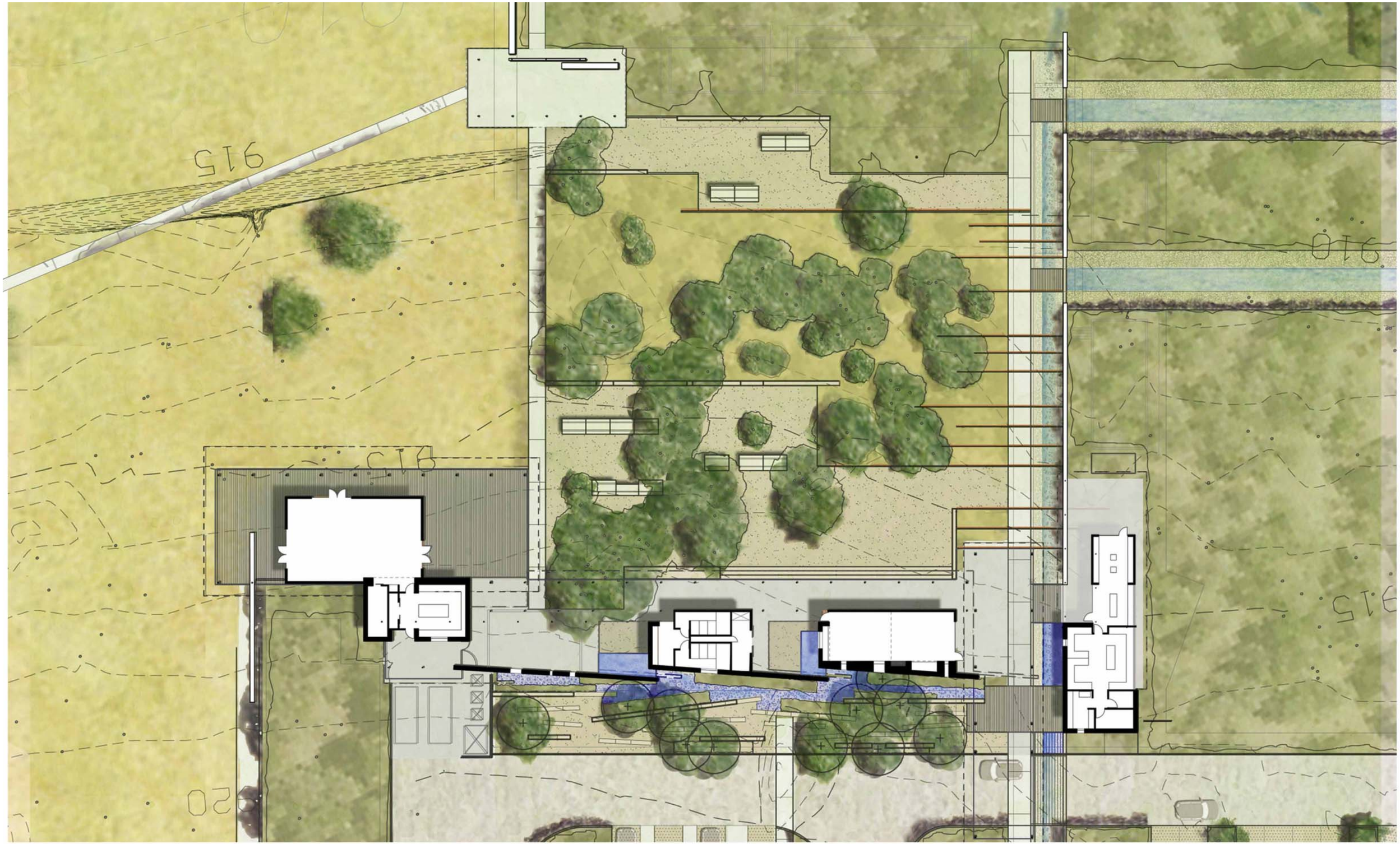
STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS



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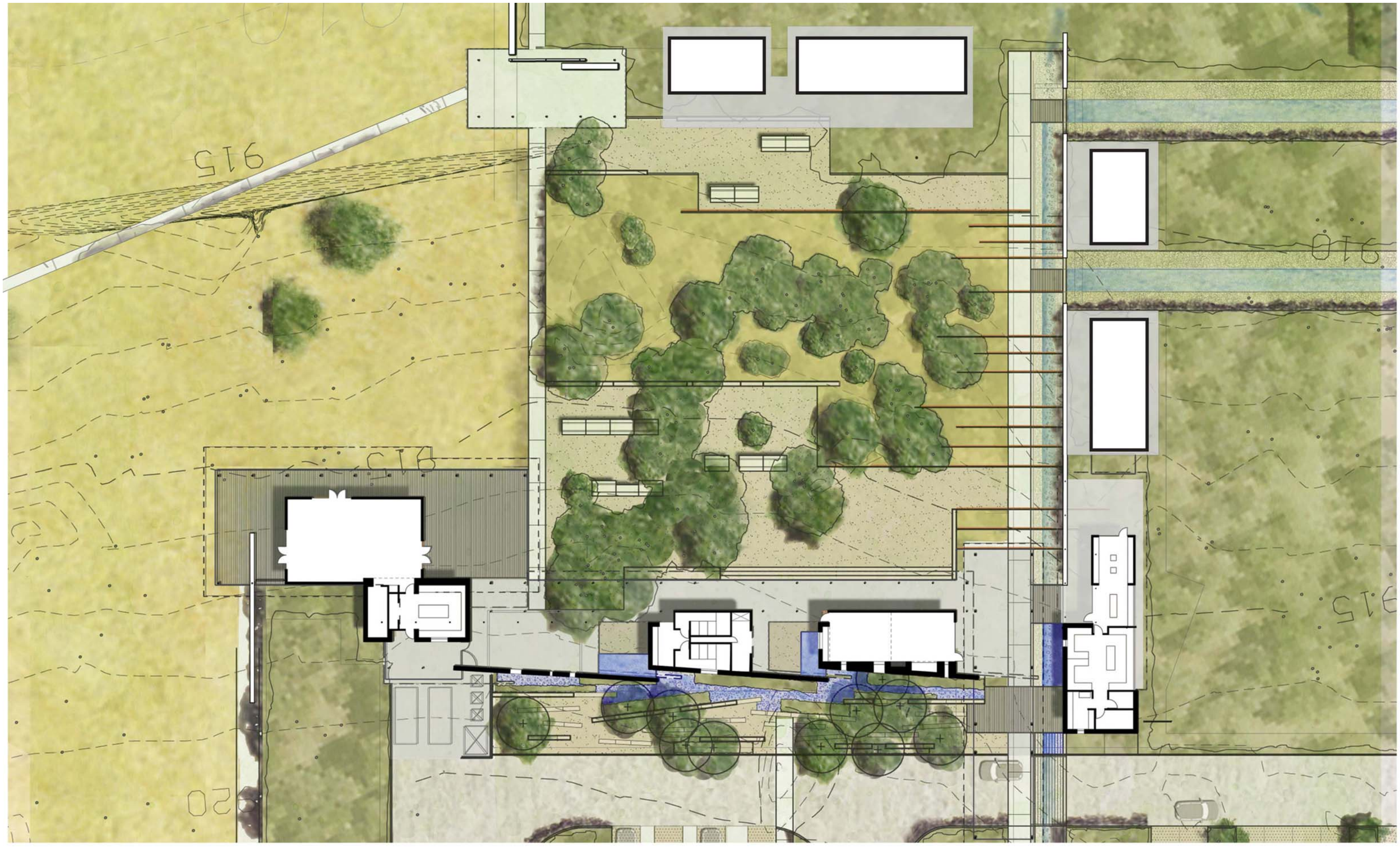
LAKE | FLATO ARCHITECTS

STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS



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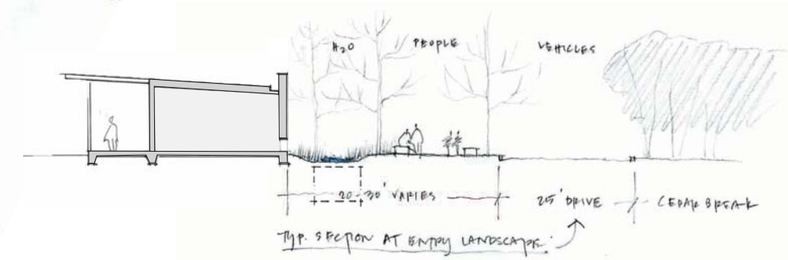
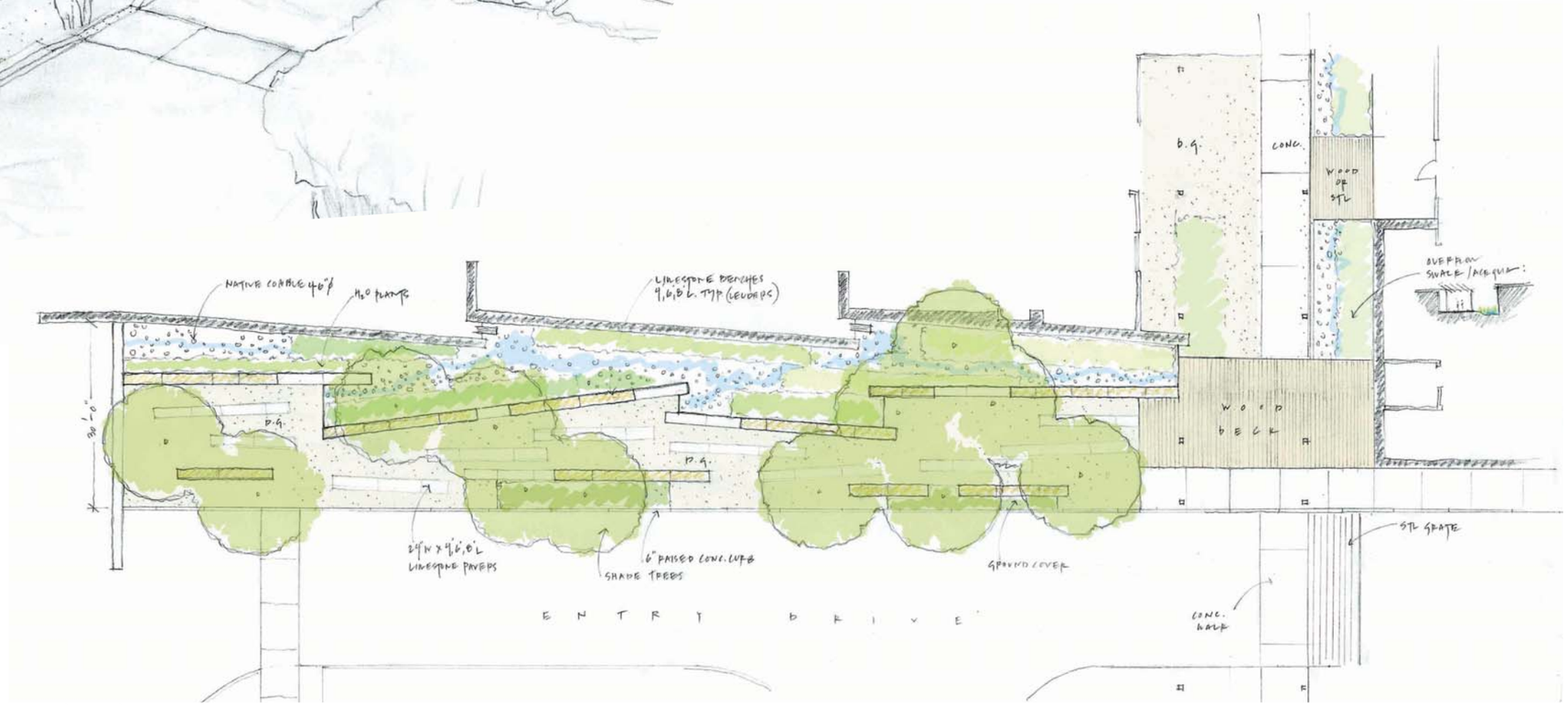
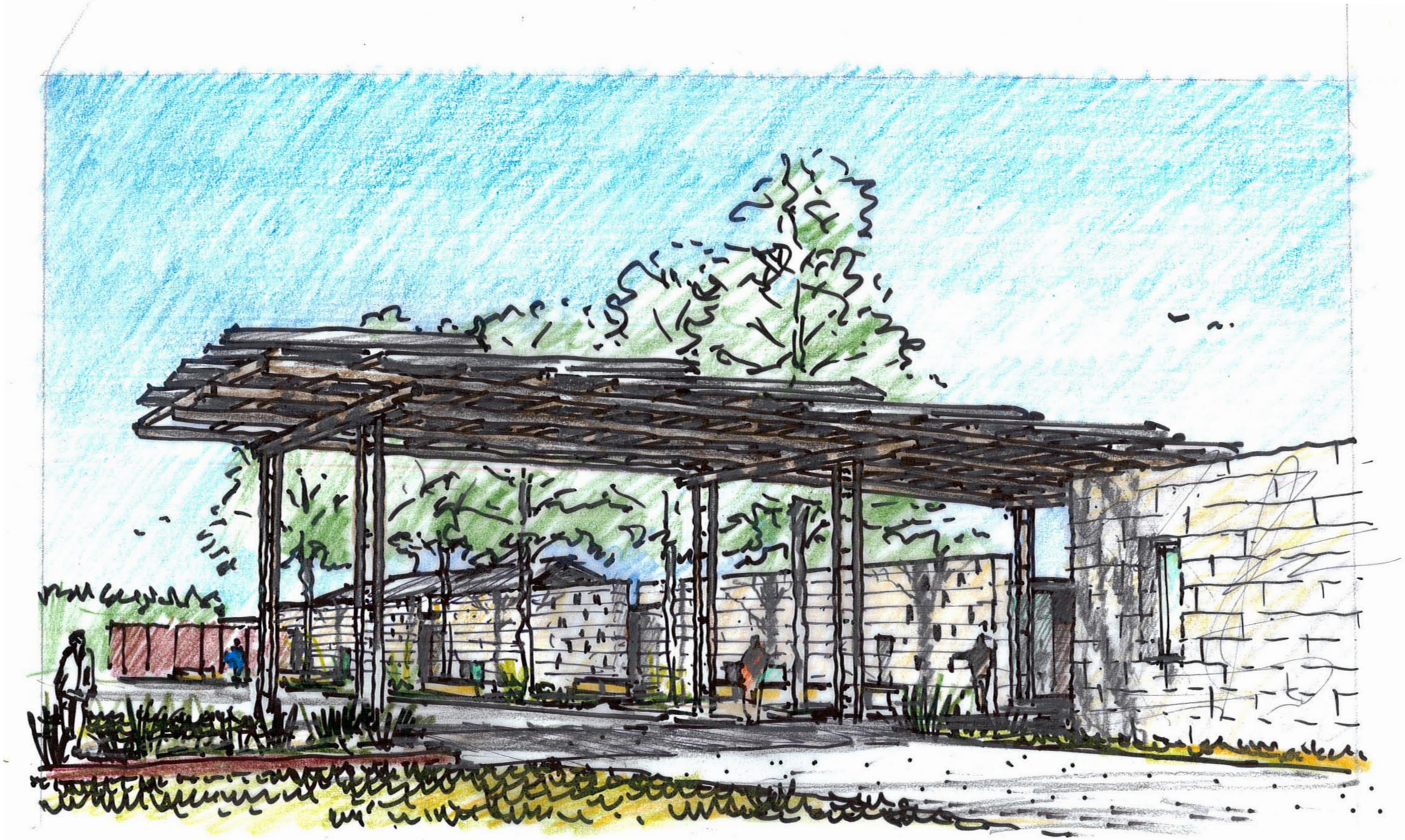
STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS

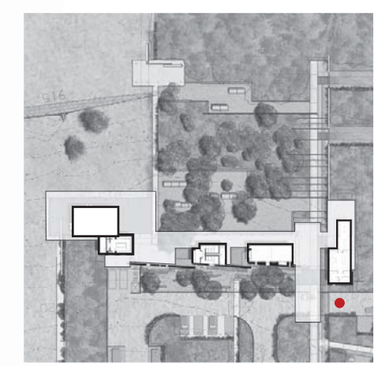
ISOMETRIC VIEW





DETAIL PLAN
SCALE: 1" = 10'-0"





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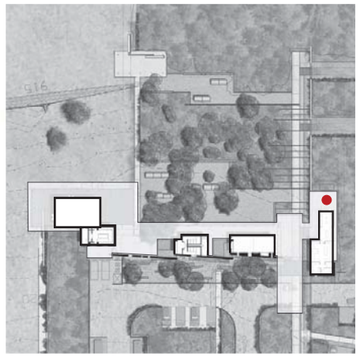

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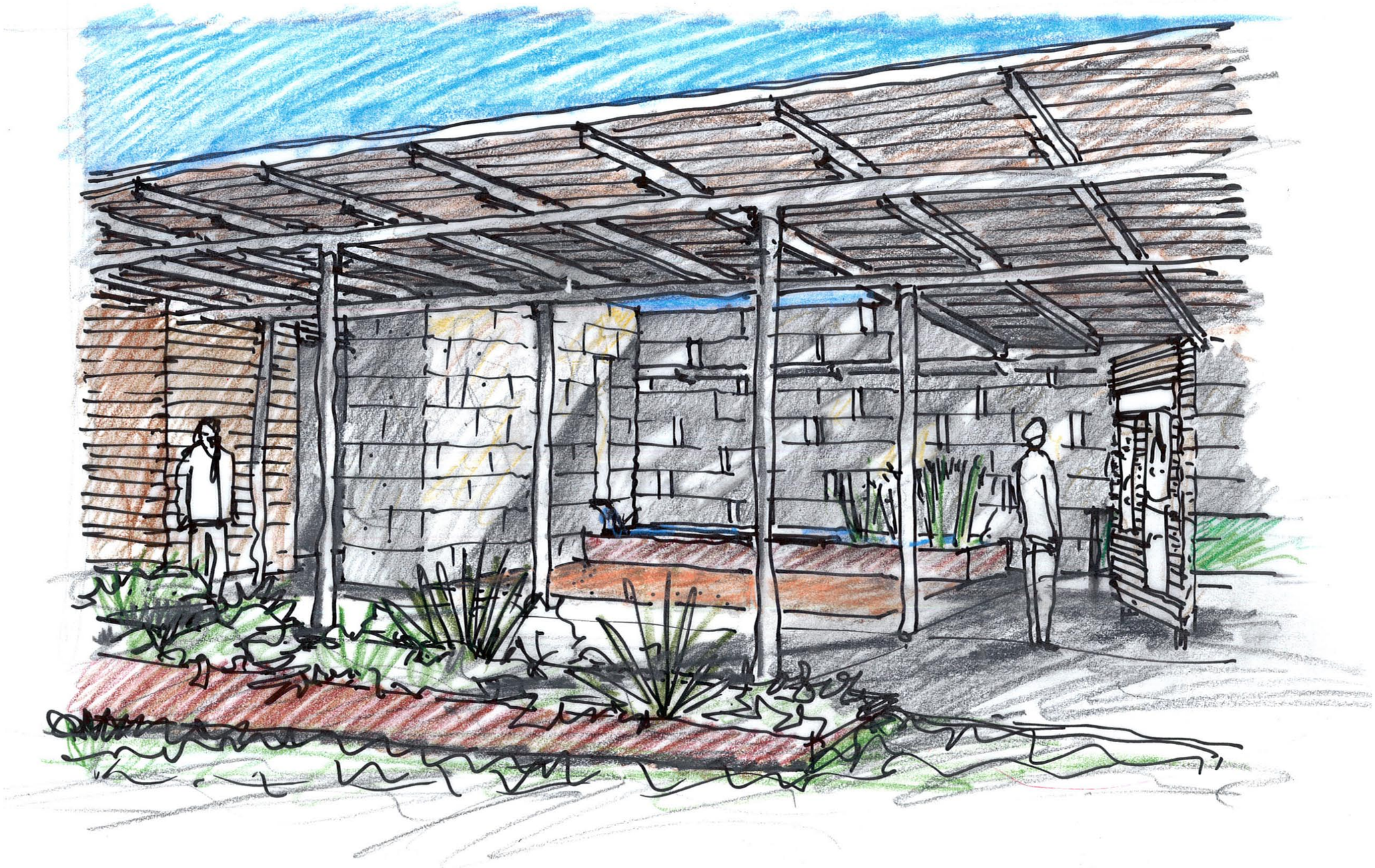
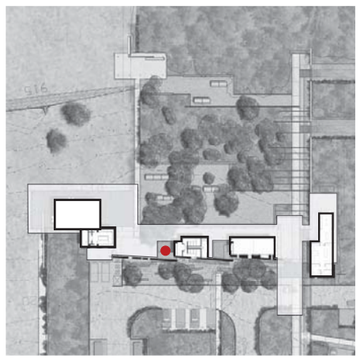
STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS





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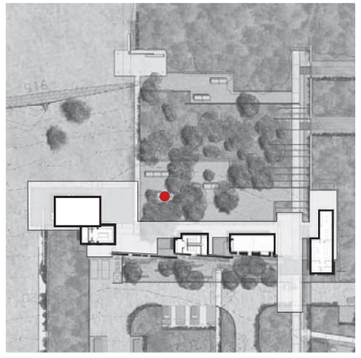

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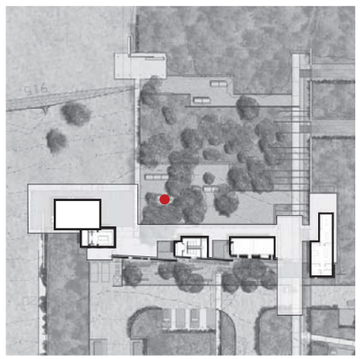
STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS



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STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS

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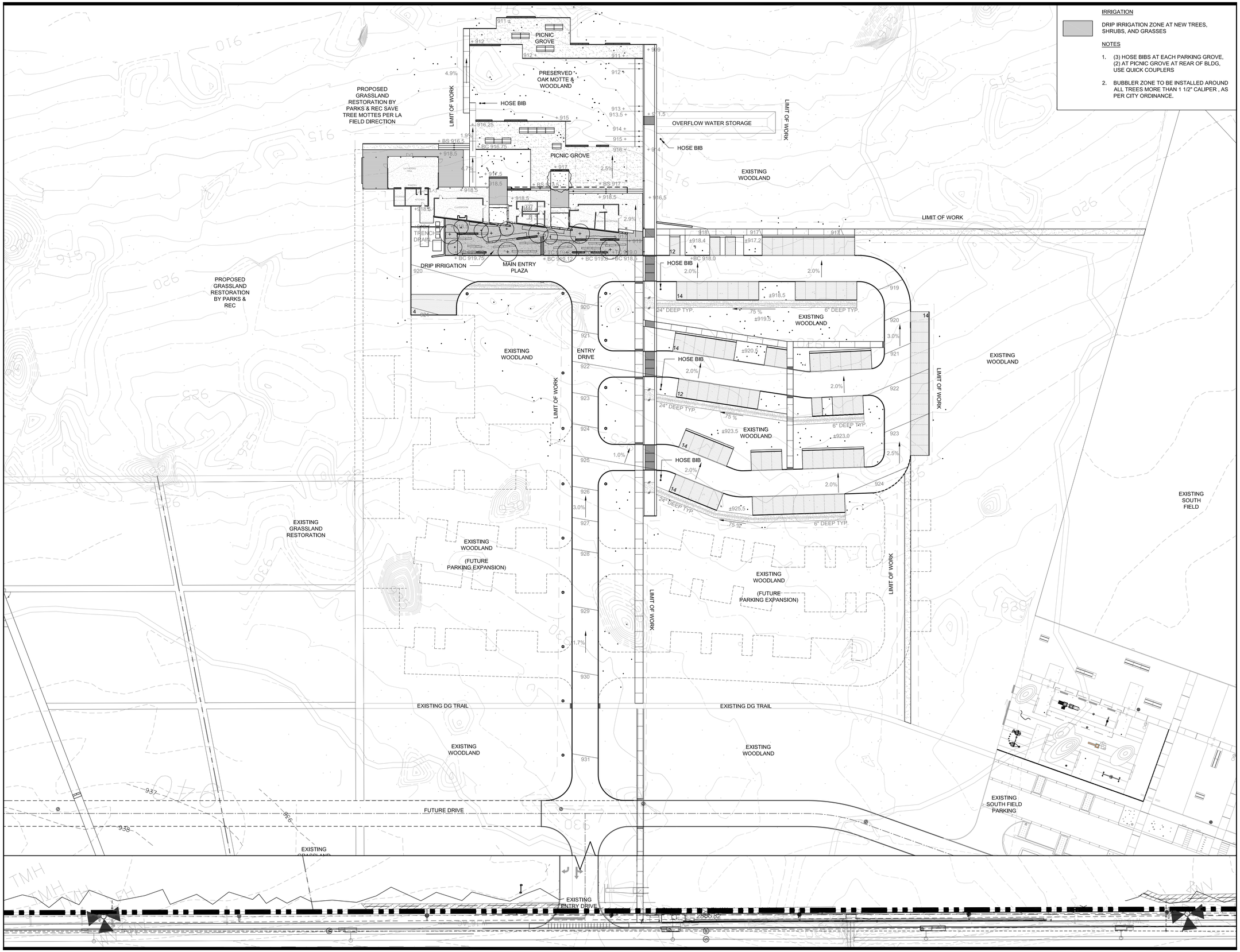

IRRIGATION

DRIP IRRIGATION ZONE AT NEW TREES, SHRUBS, AND GRASSES

NOTES

1. (3) HOSE BIBS AT EACH PARKING GROVE, (2) AT PICNIC GROVE AT REAR OF BLDG, USE QUICK COUPLERS
2. BUBBLER ZONE TO BE INSTALLED AROUND ALL TREES MORE THAN 1 1/2" CALIPER , AS PER CITY ORDINANCE.

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N

SCALE: 1" = 40'

08.26.11 L/F PROJ. NO. 10037

PROJ. ARCHITECT RJ DRAWN BY LT

SET ISSUE DATES

DATE	ISSUE
08.12.11	SD Pricing Package Consultant Narratives
08.26.11	SD Pricing Package 100%

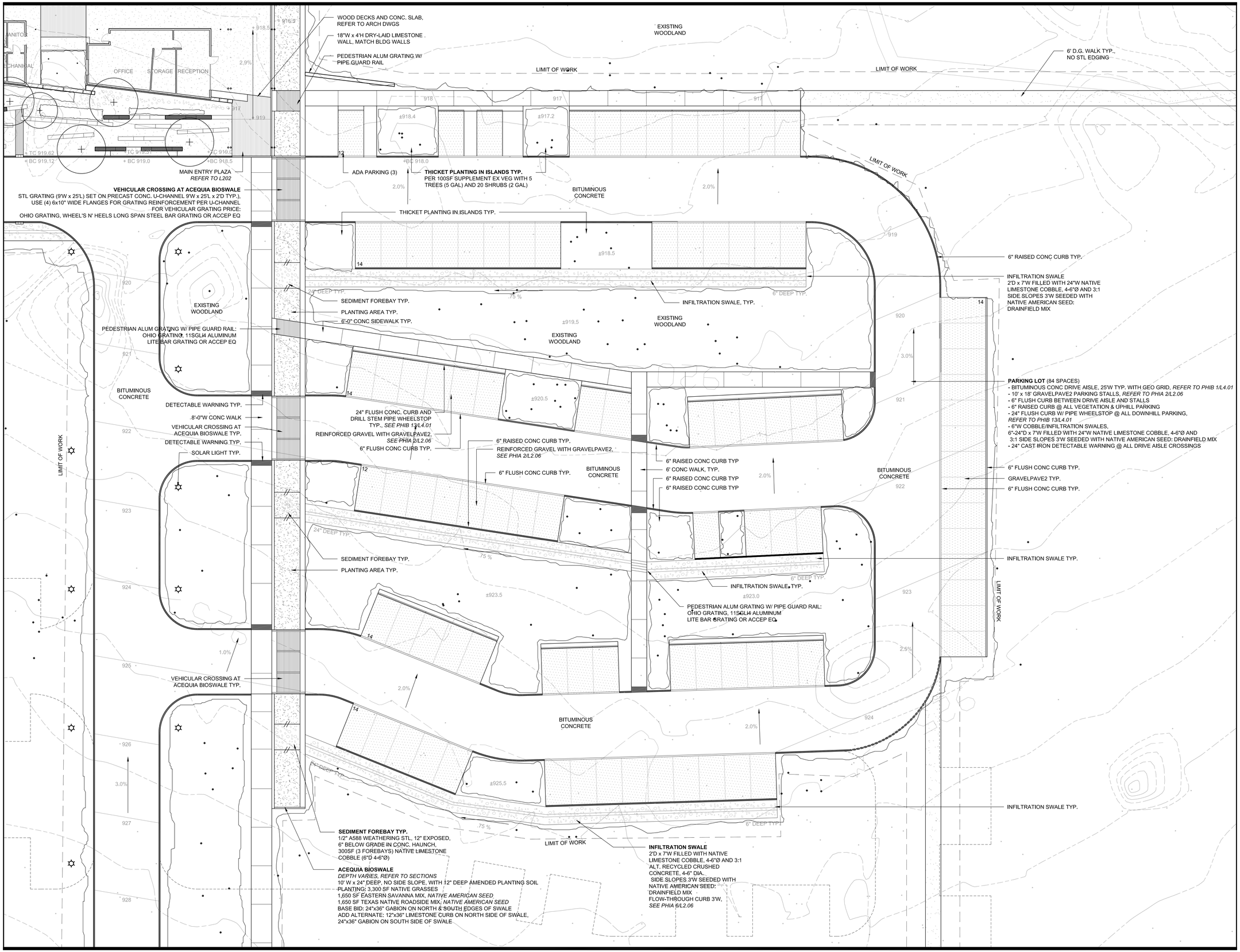
REVISIONS

NO.	DATE	DESCRIPTION

SCHEMATIC DESIGN PRICING

OVERALL SITE PLAN

L200



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N

SCALE: $\frac{1}{16}$" = 1'-0"

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PROJ. ARCHITECT RJ DRAWN BY LT

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08.26.11	SD Pricing Package 100%

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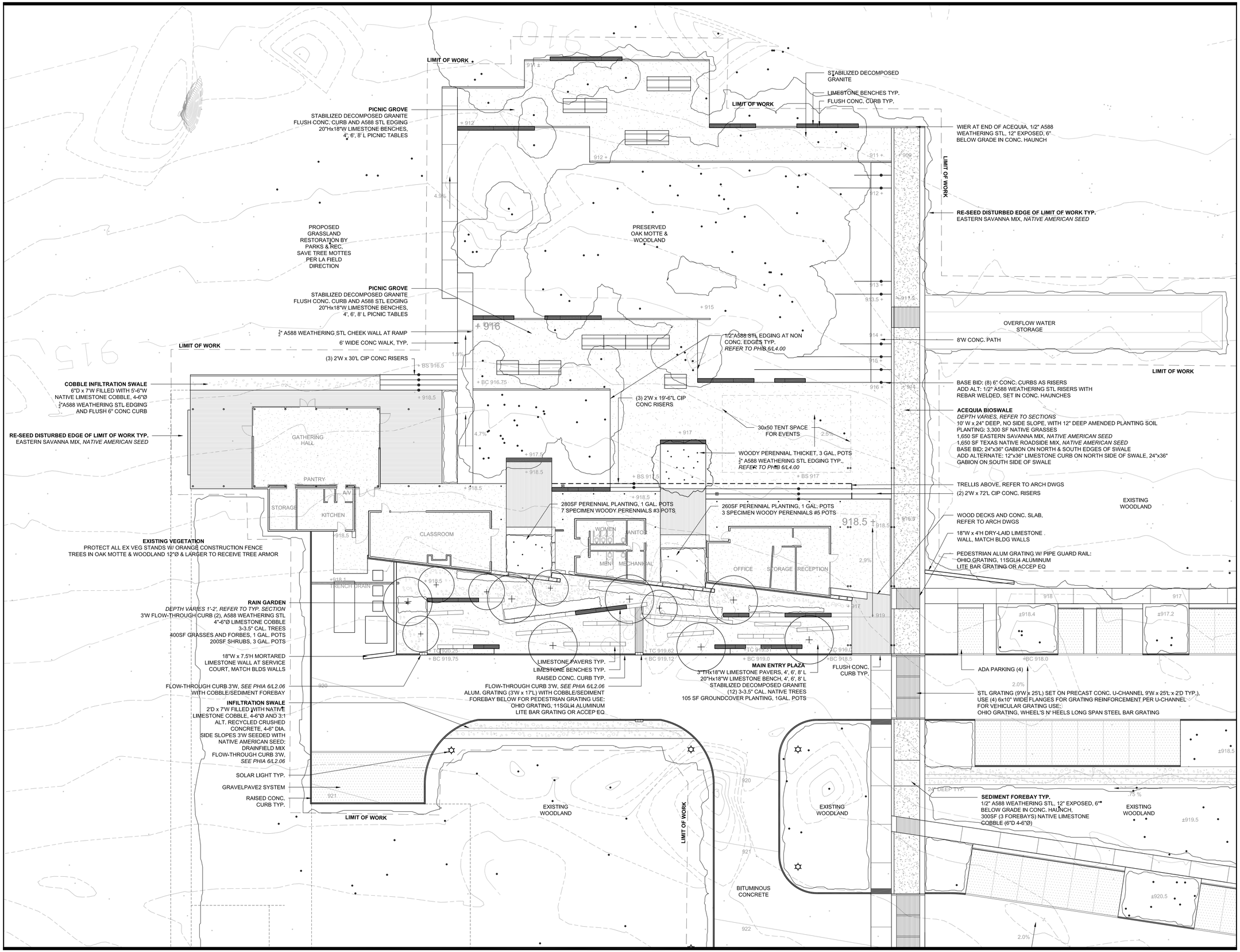
SCHEMATIC DESIGN PRICING

PARKING LOT DETAIL SITE PLAN

L201



SCALE: 1/16" = 1'-0"

08.26.11 L/F PROJ. NO. 10037

PROJ. ARCHITECT RJ DRAWN BY: LT

SET ISSUE DATES

DATE	ISSUE
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SCHEMATIC DESIGN PRICING

URBAN ECOLOGY CENTER
DETAIL SITE PLAN

L202

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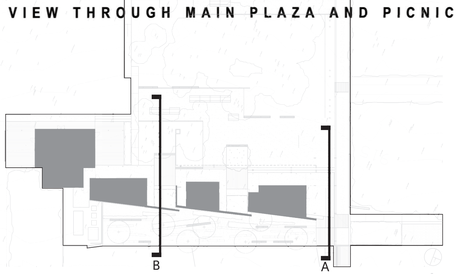
SECTION ELEVATION A

VIEW THROUGH ENTRY/RECEPTION

SECTION ELEVATION B

VIEW THROUGH MAIN PLAZA AND PICNIC GROVE



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SCALE: 1/4" = 1'-0"

08.26.11 L/F PROJ. NO. **10037**

PROJ. ARCHITECT **RJ** DRAWN BY: **LT**

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08.26.11	SD Pricing Package 100%

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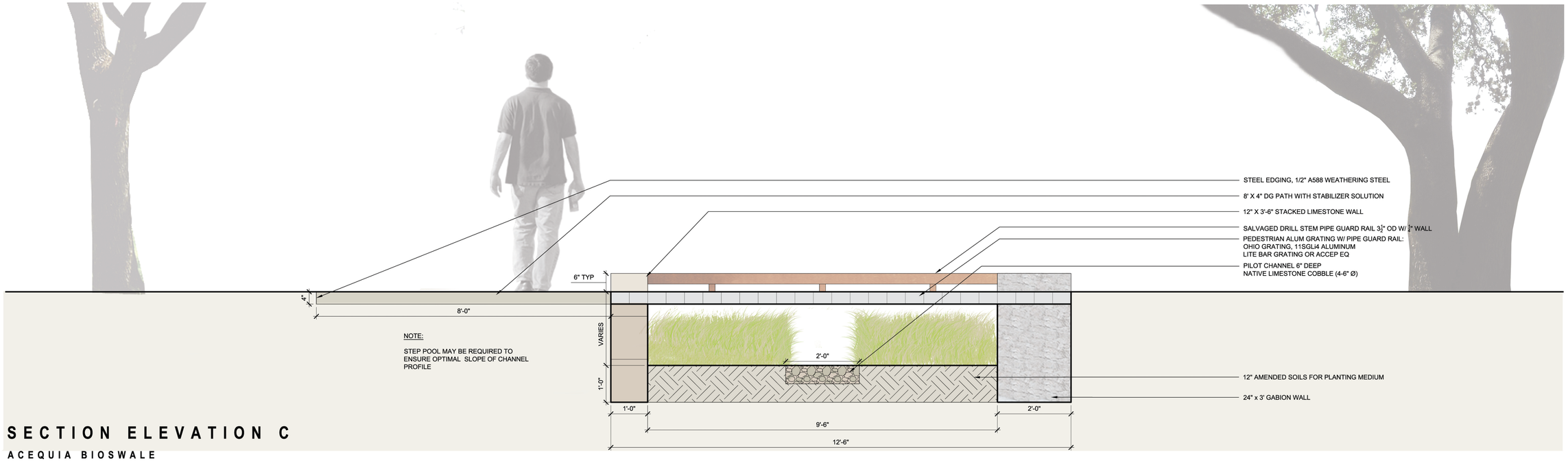
SCHEMATIC DESIGN PRICING

SECTION ELEVATIONS

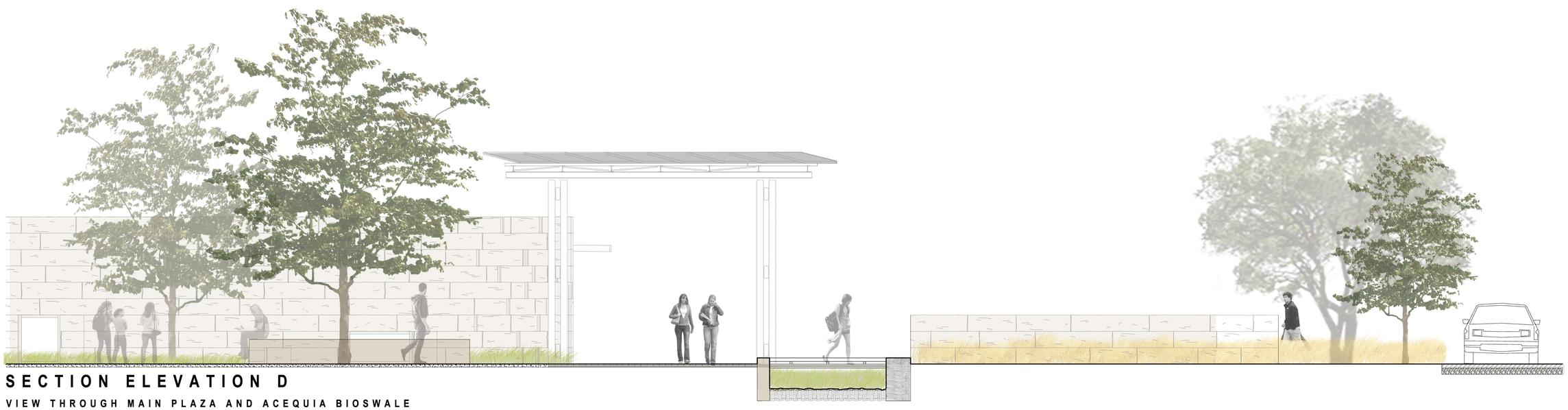
L300



SECTION ELEVATION C

ACEQUIA BIOSWALE

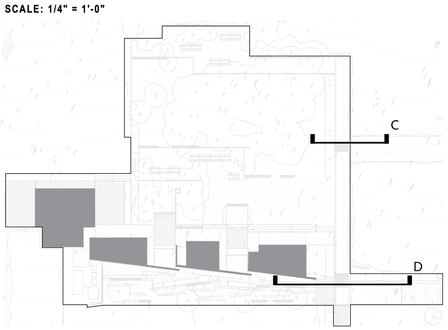
SCALE: 3/4" = 1'-0"



SECTION ELEVATION D

VIEW THROUGH MAIN PLAZA AND ACEQUIA BIOSWALE

SCALE: 1/4" = 1'-0"



1 NATIVE LIMSTONE GABION WALL
2 BIOSWALE WITH GABION WALLS
3 BIOSWALE WITH GABION EDGE
4 NATIVE DROUGH TOLERANT GRASS MIX

1

2

3

4

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08.26.11	SD Pricing Package 100%

REVISIONS

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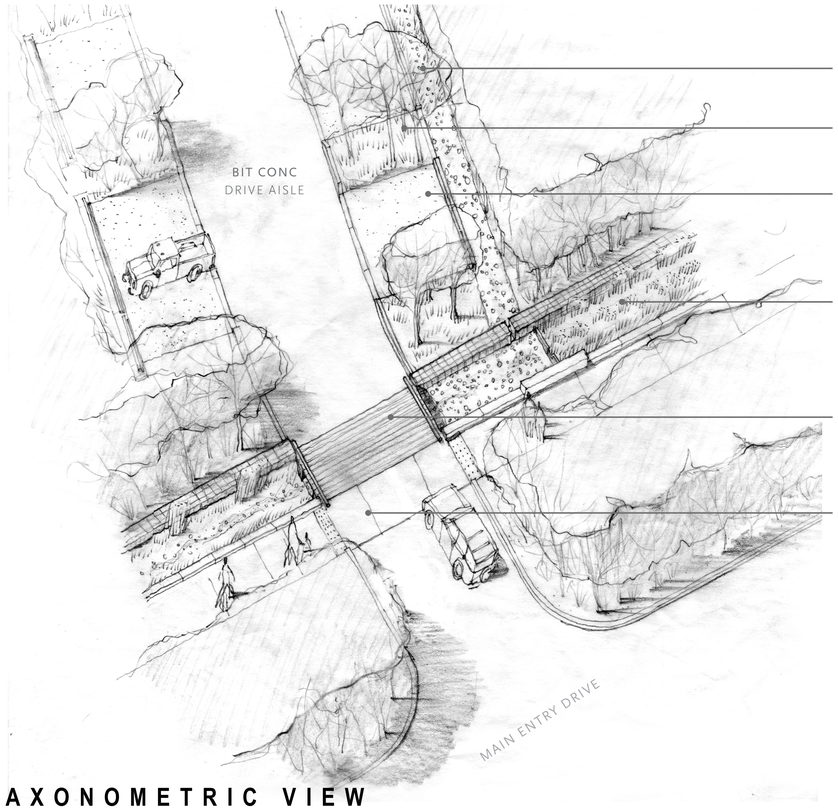
SCHEMATIC DESIGN PRICING

SECTION ELEVATIONS

L301



INFILTRATION SWALE
7' WIDE WITH LIMESTONE COBBLE AND PLANTING

THICKET PLANTING TYP.
#5 TREES
#2 GALL SHRUBS

PARKING STALLS
GRAVELPAVE2
FLUSH CURBS AT DRIVE
RAISED CURBS AT SOUTH WOODLAND EDGE
FLUSH CONC CURB AND DRILL STEM PIPE AT NORTH EDGE

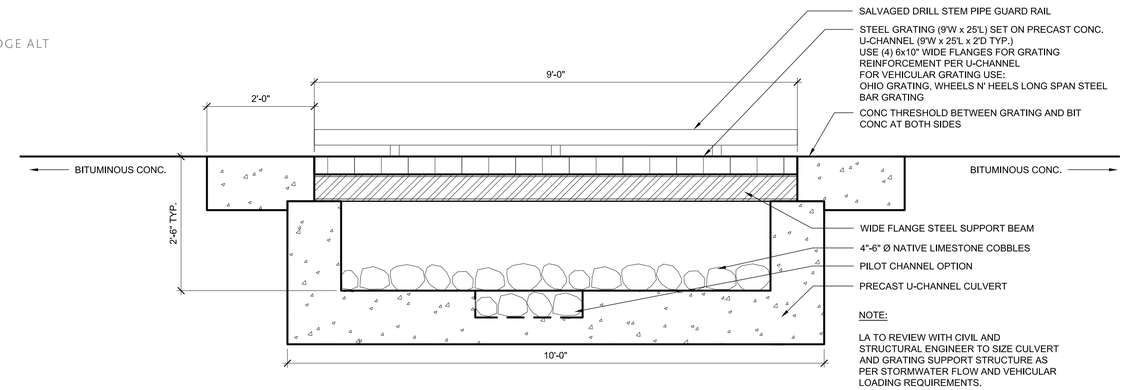
ACEQUIA BIOSWALE
SEDIMENT FOREBAYS
GABION WALLS BASE BID
LIMESTONE CURB AND BENCHES AT NORTH EDGE ALT
A588 STL WEIRS AT SEDIMENT FOREBAYS

VEHICULAR GRATING AT ACEQUIA BIOSWALE
HEAVY DUTY STL GRATING
PRECAST U CHANNEL
RECYCLED DRILL STEM PIPE GUARDRAILS

CONC SIDEWALKS
DETECTABLE WARNING STRIP
SANDBLASTED CONC FINISH

AXONOMETRIC VIEW

TYPICAL PARKING BAY AT ACEQUIA BIOSWALE



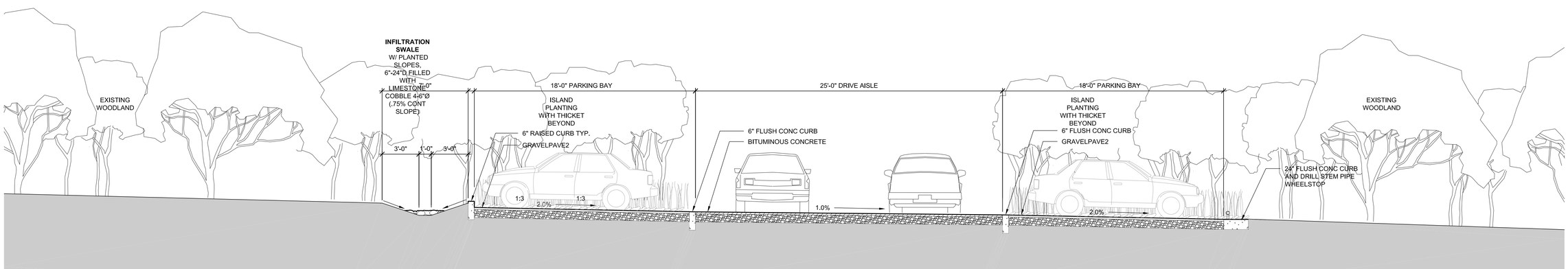
NOTE:

LA TO REVIEW WITH CIVIL AND STRUCTURAL ENGINEER TO SIZE CULVERT AND GRATING SUPPORT STRUCTURE AS PER STORMWATER FLOW AND VEHICULAR LOADING REQUIREMENTS.

SECTION E

TYPICAL VEHICULAR GRATING OVER ACEQUIA BIOSWALE

SCALE: 3/4" = 1'-0"

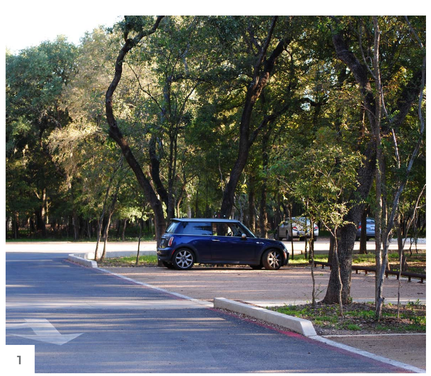


SECTION ELEVATION F

TYPICAL VIEW THROUGH PARKING GROVE

SCALE: 1/4" = 1'-0"

1 BIT CONC, PARKING BAYS AND RAISED/FLUSH CURBS
2 DRILL STEM PIPE AND FLUSH CONC CURB
3 CONC WALK, SANDBLASTED FINISH
4 SEDIMENT FOREBAY AND FLOW-THROUGH CURB
5 VEHICULAR STEEL GRATING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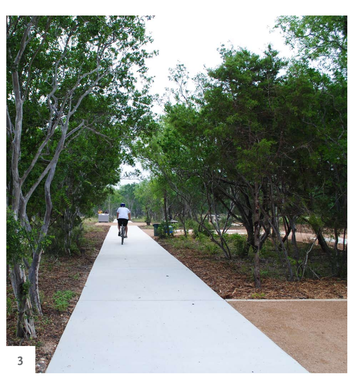
2


3

4

5

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08.26.11	SD Pricing Package 100%

REVISIONS

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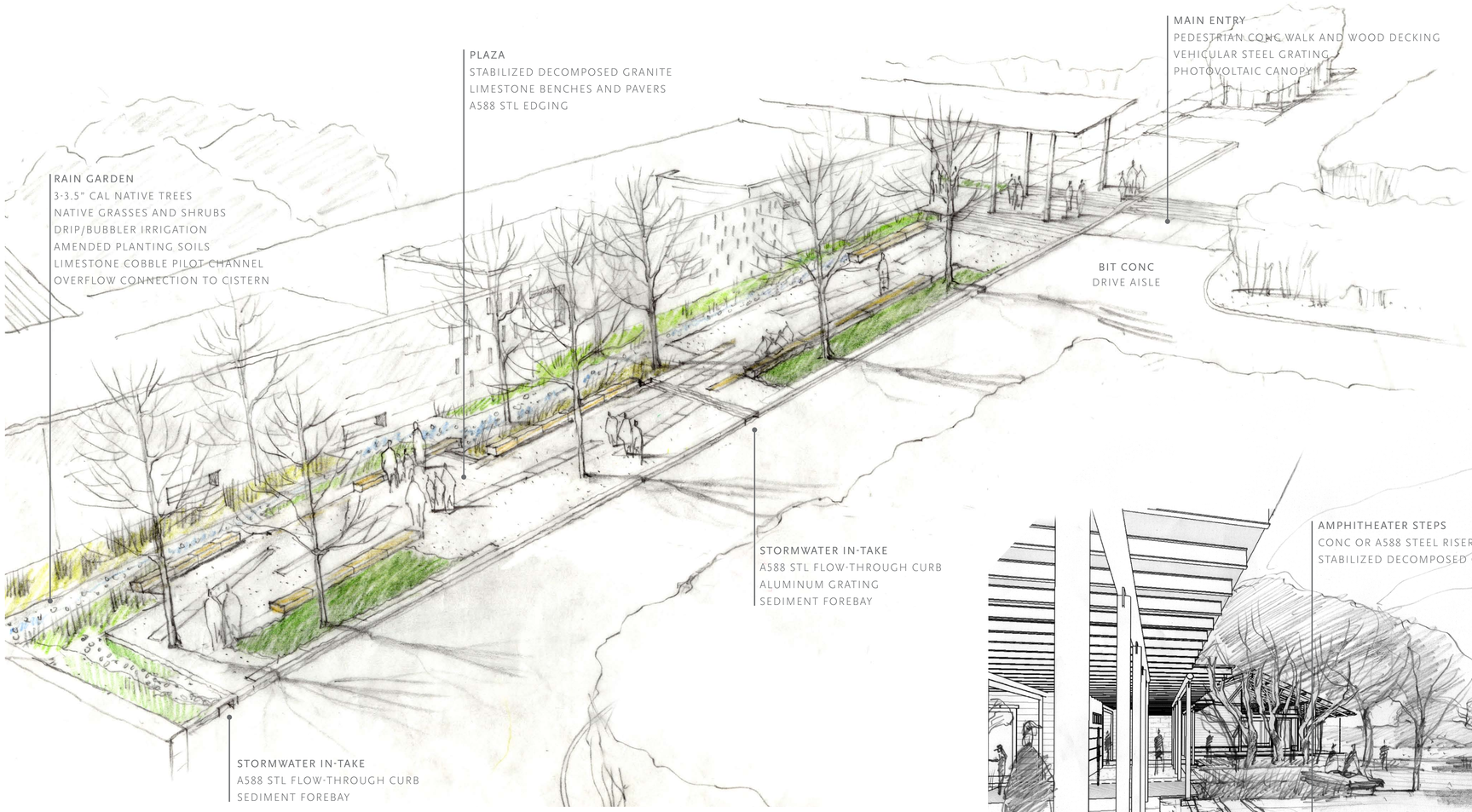
SCHEMATIC DESIGN PRICING

PARKING GROVE STUDIES

L302

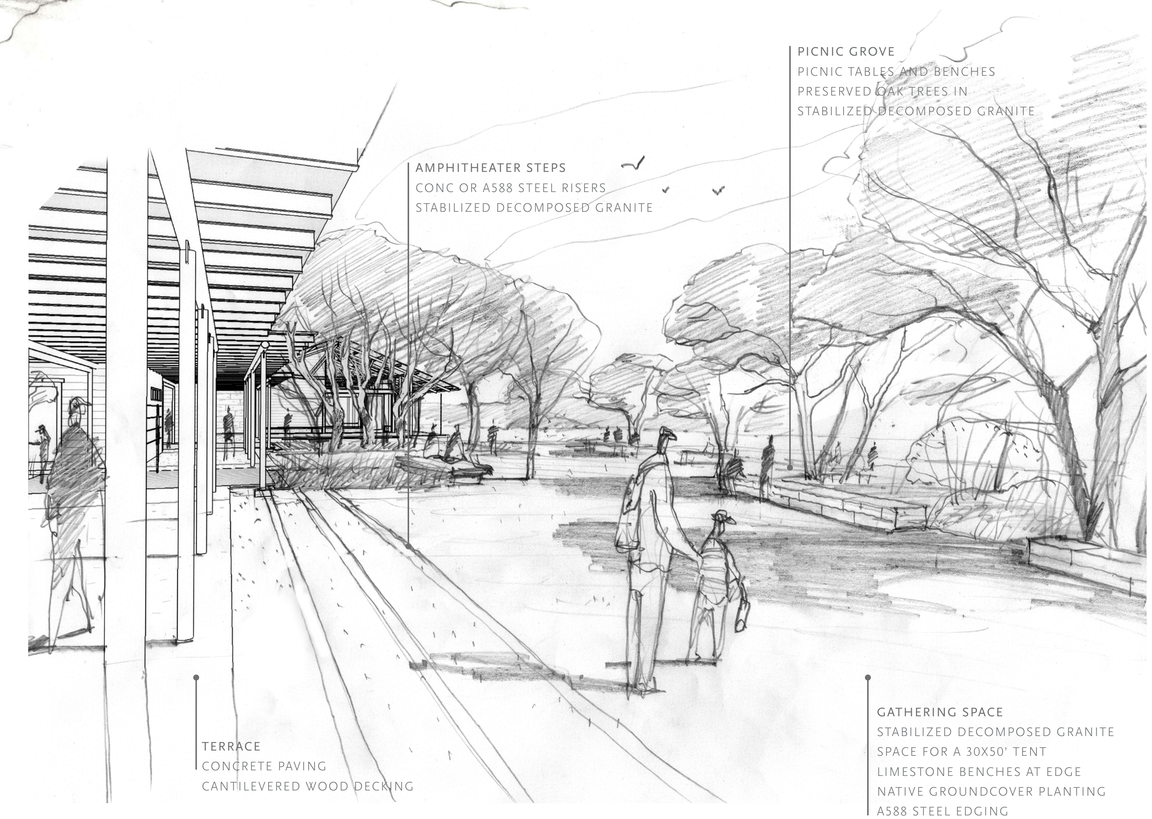


MAIN ENTRY PLAZA

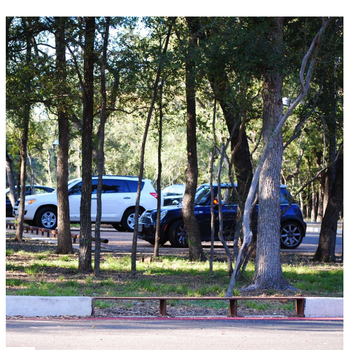
AXONOMETRIC VIEW

OAK MOTTE PLAZA

PERSPECTIVE LOOKING TOWARDS
GATHERING HALL AND OAK SAVANNA

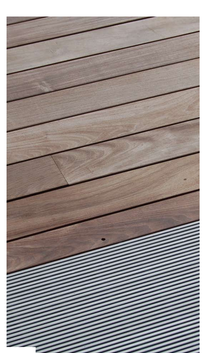


1 A588 STEEL FLOW-THROUGH CURB AT 6" RAISED CONC CURB
2 LIMESTONE BENCH AND STABILIZED DECOMPOSED GRANITE
3 RAISED WOOD DECK AND CANTILEVERED BENCH
4 A588 STEEL EDGING AT COURTYARD
5 A588 STEEL EDGING AS RISERS
6 PICNIC GROVE IN PRESERVED OAK MOTTE
7 VEHICULAR STEEL GRATING


1

2

3


4

5

6

7

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URBAN ECOLOGY CENTER

HARDBERGER PARK
13203 BLANCO ROAD
SAN ANTONIO, TX

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SAN ANTONIO, TX 78205
210 227 3335 P
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SCALE: 1/4" = 1'-0"

08.26.11 L/F PROJ. NO. 10037
PROJ. ARCHITECT RJ DRAWN BY: LT

SET ISSUE DATES

DATE	ISSUE
08.12.11	SD Pricing Package Consultant Narratives
08.26.11	SD Pricing Package 100%

REVISIONS

NO.	DATE	DESCRIPTION

SCHEMATIC DESIGN PRICING

MAIN ENTRY AND PICNIC GROVE STUDIES

L303

LIVING LABORATORY FOR **URBAN ECOLOGY**

THE PURPOSE OF THESE LANDSCAPE ROOMS IS TO PROVIDE FLEXIBLE TEST PLOTS FOR PROGRAMMED STUDY AND PUBLIC EDUCATION. THESE DRAWINGS AND PRECEDENTS CONVEY TWO CONCEPTUAL IDEAS FOR LANDSCAPES THAT ARE DISTINCT TO HARDBERGER PARK: THE ENDANGERED GOLDEN CHEEKED WARBLER HABITAT AND THE EPHEMERAL WET+DRY ECOLOGY OF THE SALADO CREEK. THE TEST PLOTS ARE SHOWN HERE AS CULTIVATING UNIQUE HABITAT AND RARE PLANT SPECIES FOR ENVIRONMENTAL EDUCATION WITHIN THE PARK AND THE REGION.

TEST PLOT GOLDEN CHEEKED WARBLER HABITAT

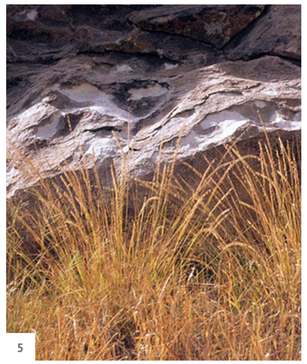
1

2

1 LITTLE BLUESTEM *SCHIZACHYRIUM SCOPARIUM*
2 AUSTIN CHALK FORMATION AND ASHE JUNIPER
3 EVERGREEN SUMAC *RHUS VIRENS*
4 DWARF WAX MYRTLE *MYRICA PUSILLA*
5 SIDEOATS GRAMA *BOUTELOUA CURTIPENDULA*
6 RAIN LILY *COOPERIA PEDUNCULATA*

3

4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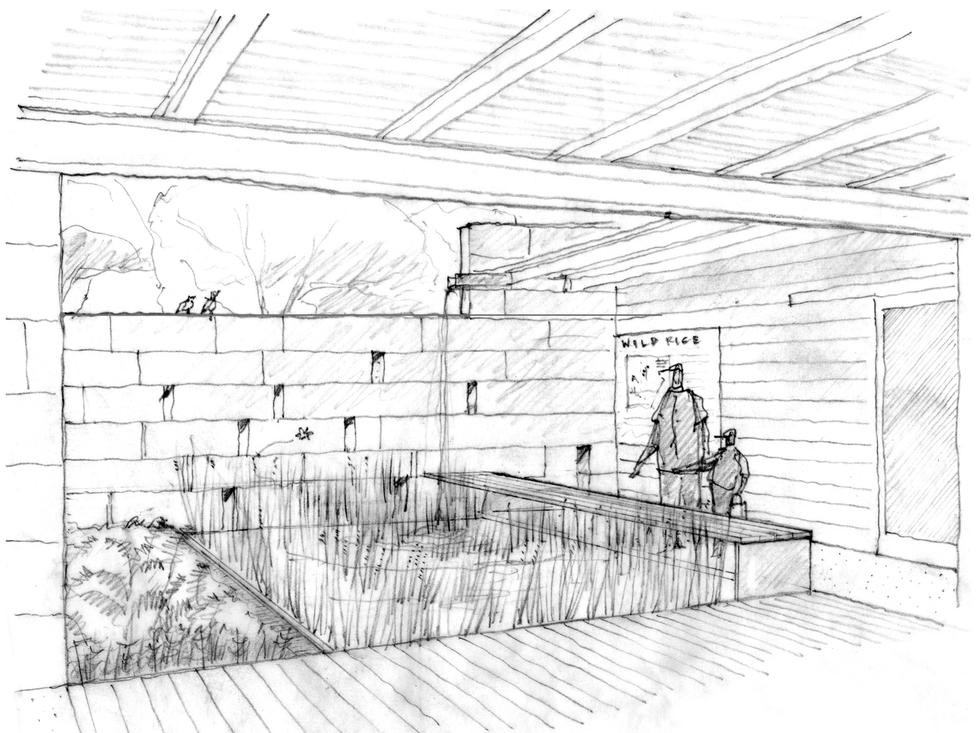
LANDSCAPE ROOM BETWEEN RESTROOM AND OFFICE



LANDSCAPE ROOM BETWEEN CLASSROOM AND RESTROOM

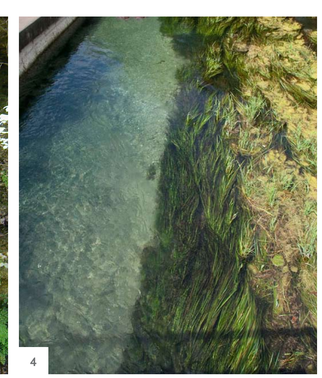
SALADO CREEK ECOLOGY TEST PLOT

1 A588 STL WATER TROUGH
2 WOOD BENCH AT RECIRCULATING WATER FEATURE
3 S. MAIDENHAIR FERN *ADIANTUM CAPILLUS-VENERIS*
4 TEXAS WILD RICE *ZIZANIA TEXANA*
5 DRY CREEK BED WITH MOSS
6 SALADO CREEK BED BUDA LIMESTONE

1

2

3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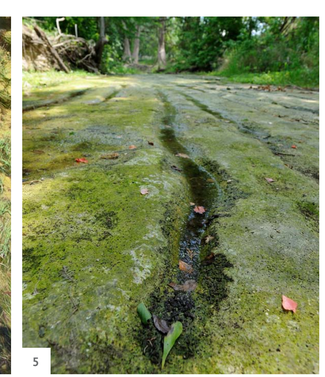
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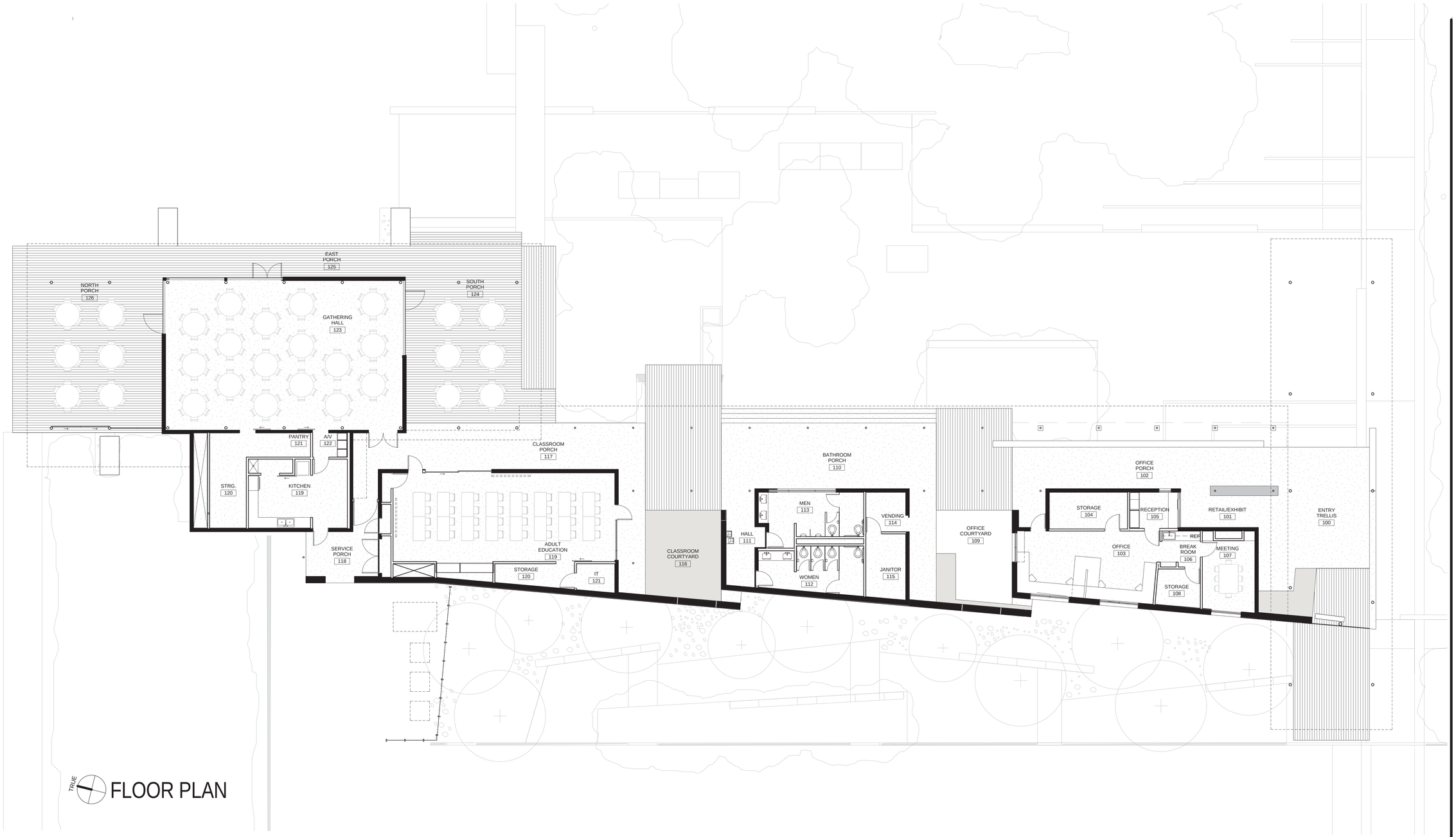
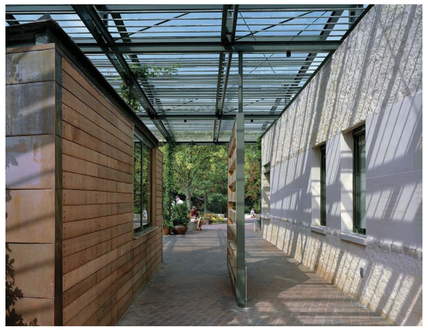
SCHEMATIC DESIGN PRICING

LANDSCAPE ROOM STUDIES

L304



FLOOR PLAN



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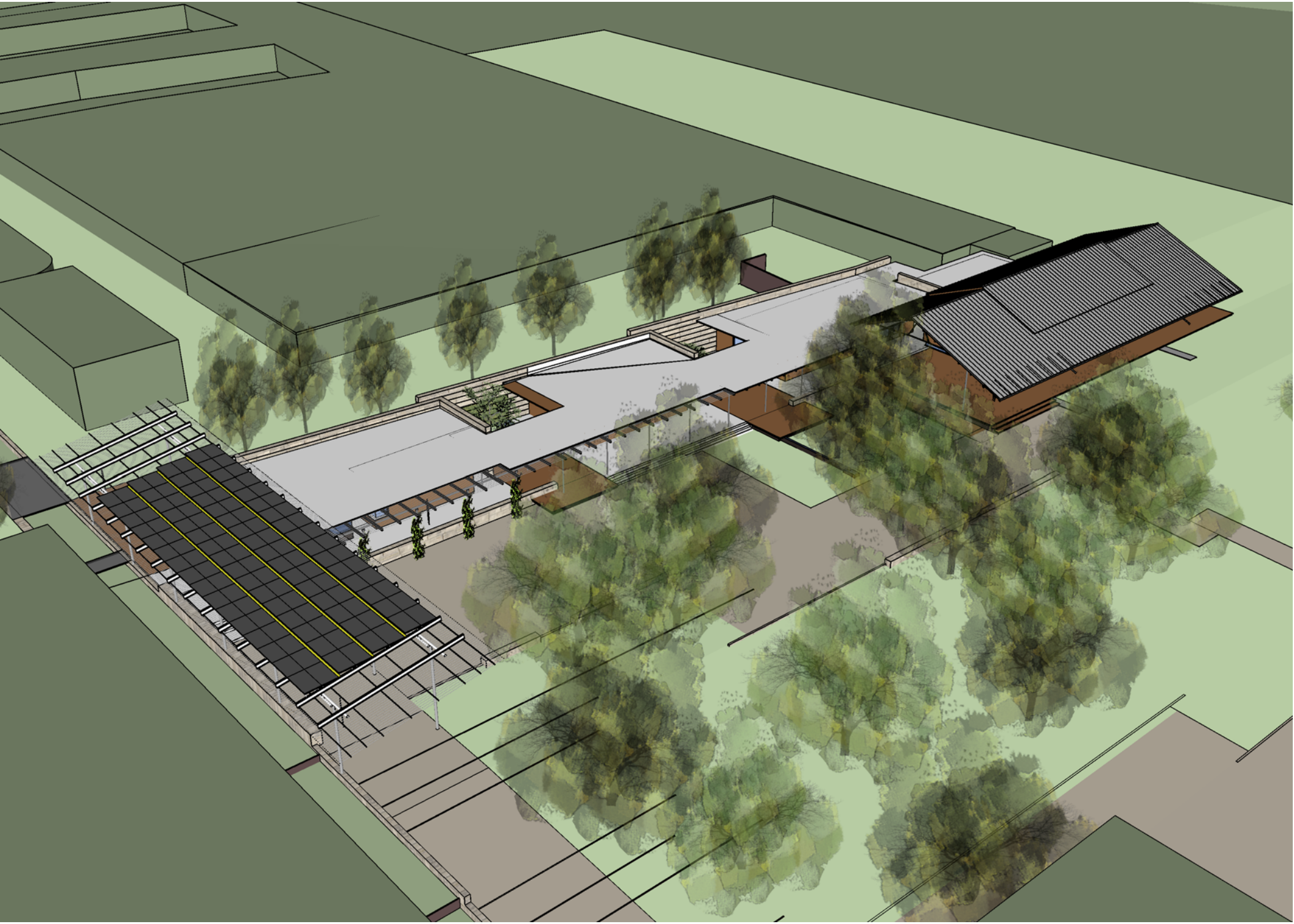
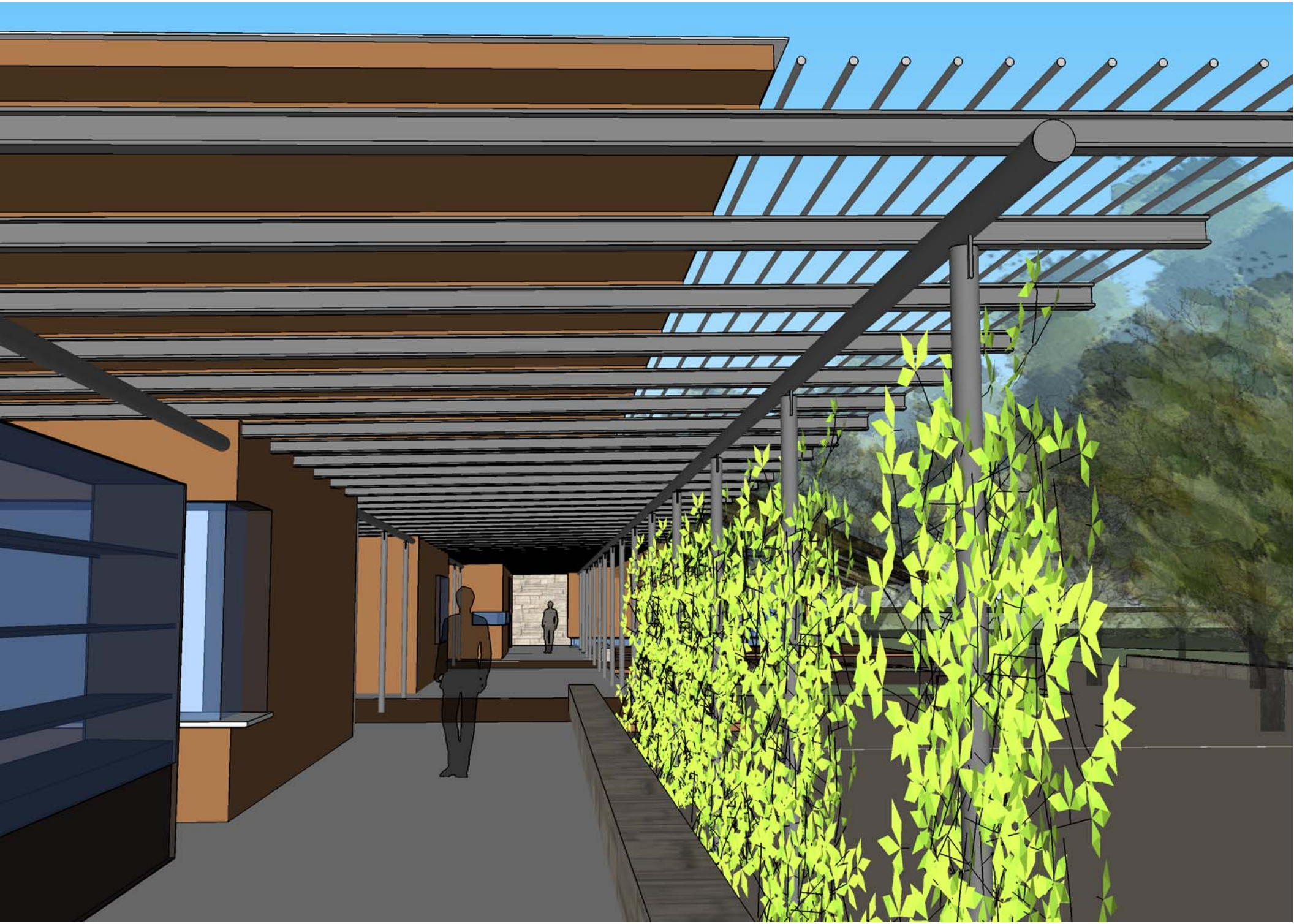
PRESENTATION PLAN

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