ST HELENS RIVERWALK - SOUTH

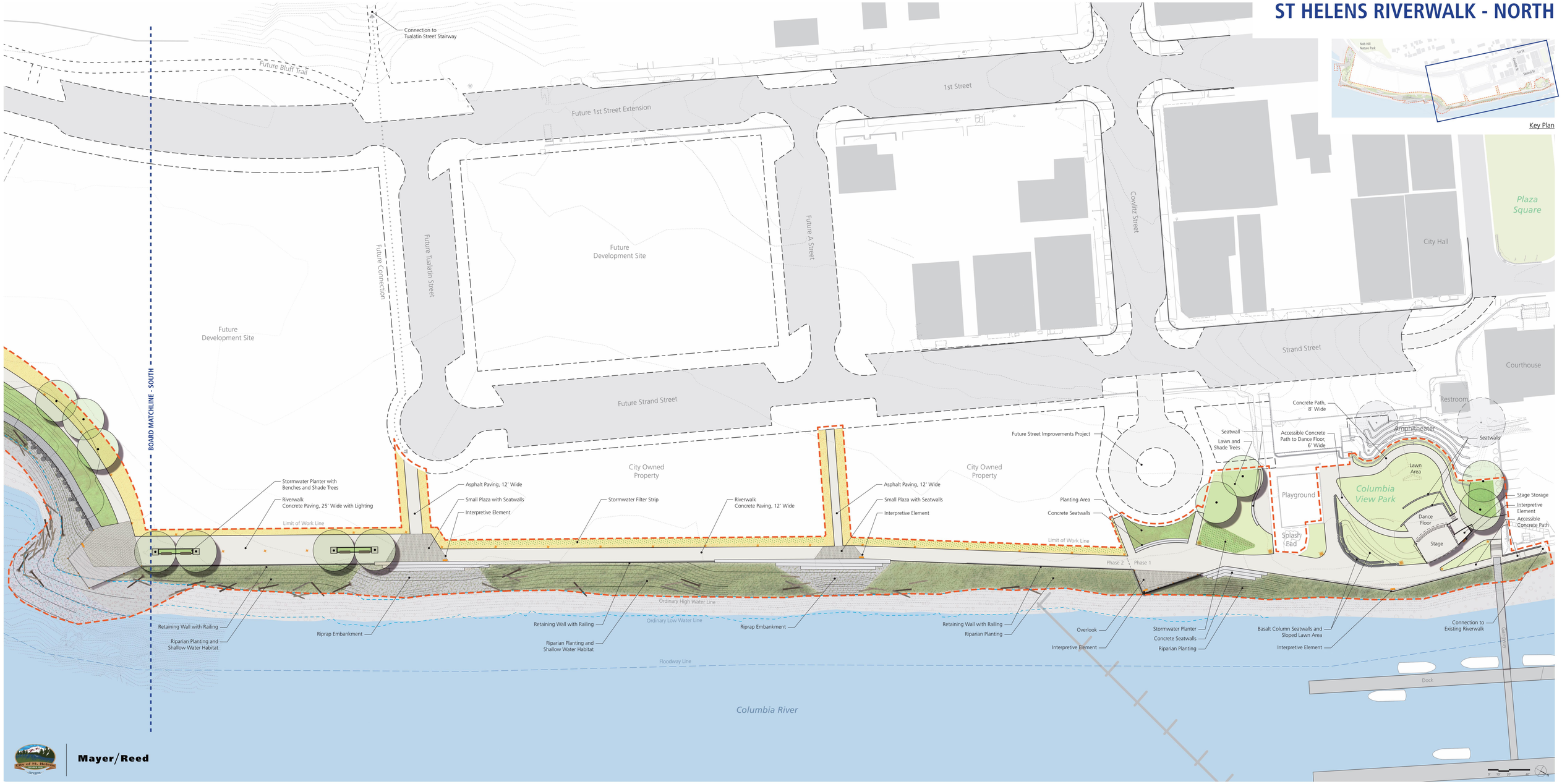
Key Plan

Pilmouth Street
Nob Hill Nature Park
Connection to park trails
Future 1st Street Extension
Future Pump Station
Edge of Bluff
Future Bluff Trail
Future 1st Street Extension
Stormwater Planter
Vehicle Loading & Turnaround
Watercraft Launch Signage
Restroom Building
Planting Area
Kayak/Paddleboard Storage Area
Interpretive Element
Existing Railroad Trestle
Future Riverwalk Extension
Accessible Gangway
Light Watercraft Dock
Plaza with Lighting
Stormwater Planter
Future Development Site
Future Connection
Future Development Site
Future Connection
Future Development Site
Future Connection
Future Development Site
BOARD MATCHLINE - NORTH
Benches
Planting Area
Existing Sheet Pile Wall with Railing
Asphalt Pathway, 6' Wide with Lighting
Flexible Lawn & Picnic Area with Shade Trees
Frogmore Slough
Basalt Column Seating
Benches
Seating Areas on Concrete Remnants
Limit of Work Line
Floodway Line
Planting Area
Asphalt Path, 6' Wide with Lighting
Seating Area on Concrete Remnant
Planting Area
Riverwalk Concrete Paving, 12' Wide with Lighting
Concrete Platforms
Accessible Asphalt Pathway, 8' Wide
Seatwalls
Stairs
Interpretive Element
Planting Are
Limit of Work Line
Meadow Planting and Shade Trees
Planting Area
Cantilever Overlook with Railing
Interpretive Element
Ordinary High Water Line
Ordinary Low Water Line
Retaining Wall with Railing
Riparian Planting and Shallow Water Habitat
Riverwalk Concrete Paving, 12' Wide with Lighting
Small Plaza with Seatwalls
Retaining Wall with Railing
Riverwalk Concrete Paving, 12' Wide with Lighting
Stormwater Planter
Basalt Column Walls
Stormwater Planter
Small Plaza with Seatwalls
Riprap Embankment
Interpretive Element
Basalt Column Wall
Rock Pathway
Basalt Boulders
Concrete Landing
Rock Terraces
Water Level Marker
Existing Concrete Remnant
Accessible Asphalt Pathway, 8' Wide
Basalt Column Wall
Interpretive Element
Cantilevered Overlook with Railing
Jetty with Woody Debris
Columbia River
0 10' 20' 40'
N

City of St. Helens Columbia River Oregon

Mayer/Reed

ST HELENS RIVERWALK - NORTH



COLUMBIA VIEW PARK

Looking North

Key Plan

City of St. Helens
Oregon

Mayer/Reed

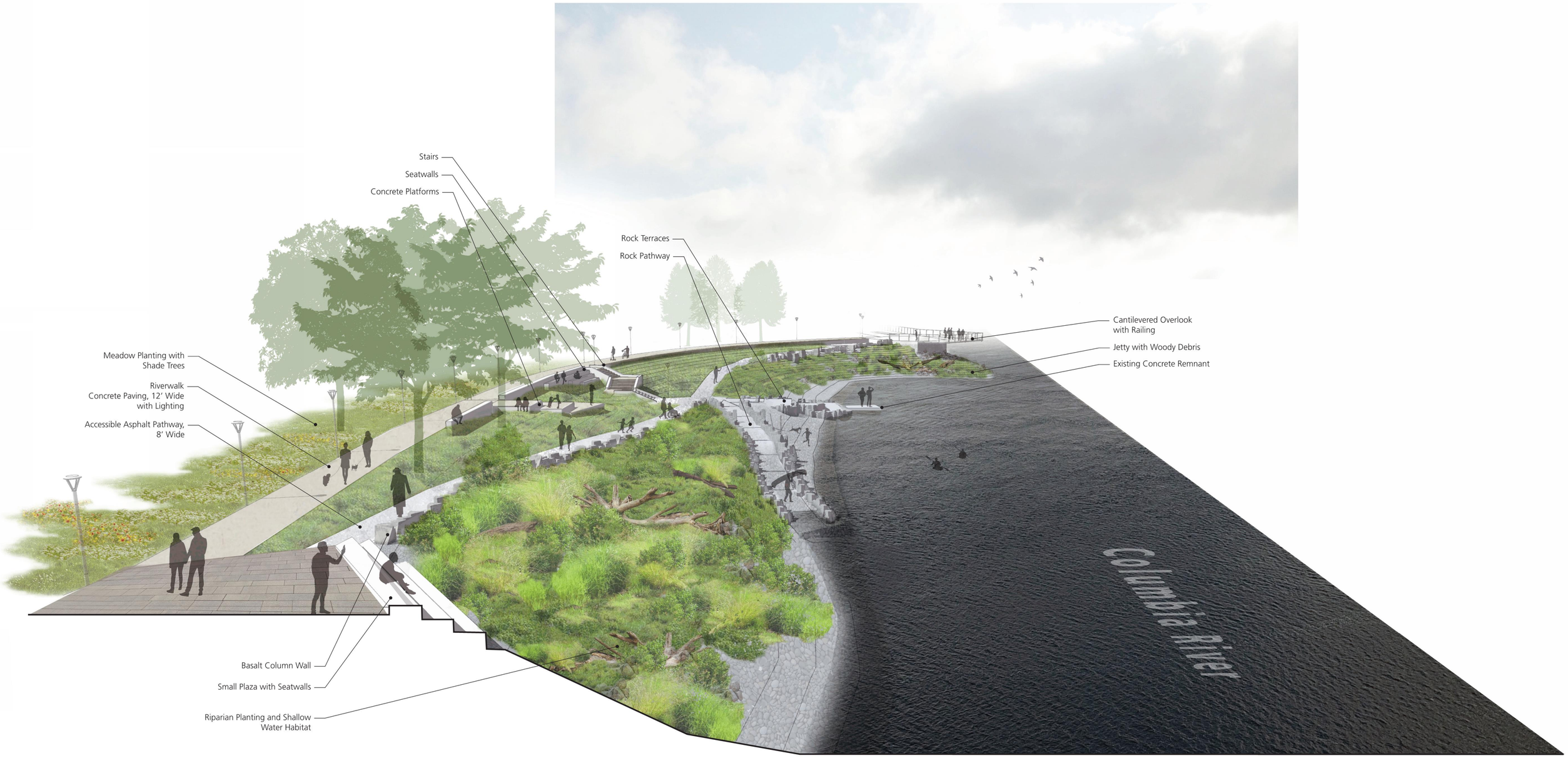
RECREATION HUB
Looking West

Key Plan

City of St. Helens
Oregon

Mayer/Reed

ROCKY BEACH
Looking North



Key Plan

City of St. Helens Oregon

Mayer/Reed

ST. HELENS RIVERWALK

St. Helens, Oregon

OWNER

CITY OF ST. HELENS

PROJECT TEAM

CITY OF ST. HELENS
265 STRAND STREET STREET
ST. HELENS, OREGON 97051
503-397-6272

CITY ADMINISTRATOR	JOHN WALSH
PUBLIC WORKS DIRECTOR	MOUHAMAD ZAHER
CITY PLANNER	JACOB GRAICHEN
ASSOCIATE CITY PLANNER	JENNY DIMSHO

MAYER/REED, INC.
319 SW WASHINGTON STREET, SUITE 820
PORTLAND, OREGON 97202
503-223-5953

LANDSCAPE ARCHITECT	SHANNON SIMMS
INTERPRETIVE	KATHY FRY

OTAK, INC
808 SW THIRD AVENUE, SUITE 800
PORTLAND, OREGON 97204
503-218-1500

ARCHITECT	STEVE EWOLDT
WATER RESOURCES	KEVIN TIMMINS
CIVIL ENGINEER	KEITH BUISMAN
STRUCTURAL ENGINEER	DOUG SARKKINEN
SURVEYOR	SUE TSOI
CONSTRUCTION MANAGEMENT	MIKE WILLIAMS

NV5
703 BROADWAY STREET, SUITE 650
VANCOUVER, WASHINGTON 98660
360-693-8416

GEOTECHNICAL ENGINEER	SHAWN DIMKE
ENVIRONMENTAL ENGINEER	COLBY HUNT

PACIFIC HABITAT SERVICES
9450 SW COMMERCE CIRCLE, SUITE 180
WILSONVILLE, OREGON 97070
503-570-0800

ENVIRONMENTAL PERMITTING	JOHN VAN STAVEREN

PAE
151 SW FIRST STREET, SUITE 300
PORTLAND, OREGON 97204
503-226-2921

LIGHTING/ELECTRICAL	ROBERT SMITH

ACC COST CONSULTANTS. LLC
8060 SW PFATTLE STREET, SUITE 110
TIGARD, OREGON 97223
503-718-0075

COST ESTIMATOR	MCCABE KARCHER

SHEET INDEX

L001	COVER SHEET
L010	DEMO PLAN - OVERALL
L100	KEY PLAN
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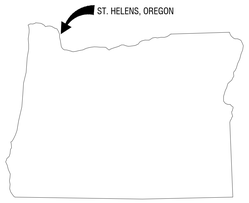
L200	GRADING PLAN - OVERALL
C1.1	OVERALL UTILITY PLAN
C1.2	DETAILS
A0.01	ABBREVIATIONS AND SYMBOLS - ARCHITECTURE
A2.01	STAGE PLANS
A2.02	BATHROOM PLANS AND ELEVATIONS
A3.01	STAGE EXTERIOR ELEVATIONS AND SECTION

GENERAL NOTES

1. SURVEY USED FOR BASE BID PROVIDED BY OTAK, INC., ELEVATIONS ARE BASED ON CITY OF ST. HELENS VERTICAL DATUM ESTABLISHED PER BENCH MARK SHOWN IN THE PLANS.
2. HORIZONTAL DATUM: REFERENCED TO NAD 83/91 COORDINATE SYSTEM.
3. SURVEYS MAY NOT BE COMPLETE OR ACCURATE. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REP PRIOR TO BEGINNING CONSTRUCTION.
4. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN IN THE PLANS.
5. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
6. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
7. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, AND REGULATIONS. ALL PERMITS, LICENSES, AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
8. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 503-232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
9. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF LANDSCAPE ARCHITECT, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
10. THE DESIGNER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR THEIR CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
11. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE OREGON STATE DEQ 1200-C PERMIT EROSION CONTROL FOR MINIMUM EROSION CONTROL MEASURES. THE FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.
12. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
13. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO THE CITY OF ST. HELENS FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH OWNER.
15. NOTIFY THE OWNER'S REPRESENTATIVE 72 HOURS BEFORE STARTING WORK. A PRE-CONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE, THE LANDSCAPE ARCHITECT, CONTRACTOR SHALL BE REQUIRED.
16. SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER IS NOT PERMITTED.

ABBREVIATIONS

AGG	AGGREGATE	OD	OUTSIDE DIAMETER
CL	CENTERLINE	O.P.C.I	OWNER PROVIDED, CONTRACTOR INSTALLED
CONC.	CONCRETE		
C.I.P.	CAST IN PLACE	PVMT	PAVEMENT
DIA	DEVELOPMENT IMPACT AREA	R	RADIUS
DIAM	DIAMETER	REQ'D	REQUIRED
DBH	DIAMETER AT BREAST HEIGHT	REF	REFERENCE
E	EASTING	REP	REPRESENTATIVE
ELEV	ELEVATION	SPECS	SPECIFICATIONS
EX.	EXISTING	SS	STAINLESS STEEL
FG	FINISH GRADE	TAN	TANGENT
FS	FINISH SURFACE	TC	TOP OF CURB
H.P.	HIGH POINT	TEMP	TEMPORARY
L.A.	LANDSCAPE ARCHITECT	TW	TOP OF WALL
LG	LARGE	TYP.	TYPICAL
L.P.	LOW POINT	W/	WITH
MAX.	MAXIMUM	V.I.F.	VERIFY IN FIELD
MIN.	MINIMUM		
N	NORTHING		
N.I.C.	NOT IN CONTRACT		



VICINITY MAP

SITE LOCATION MAP

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk
St. Helens, Oregon
Project Number: P-525

Project Managers: Jennifer Dimsho; John Walsh

NOT FOR CONSTRUCTION

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

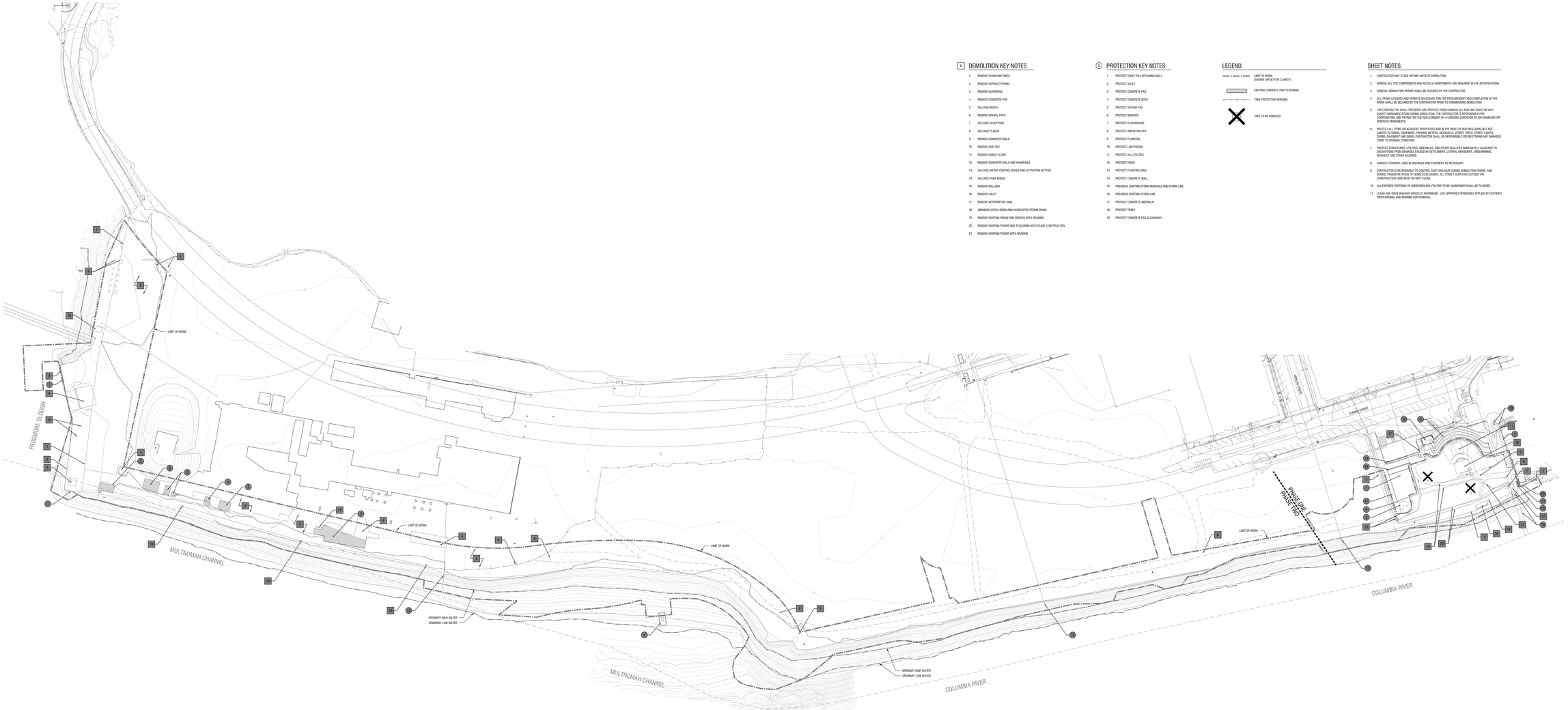
NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
COVER SHEET

SHEET NUMBER
L001



DEMOLITION KEY NOTES

1. REMOVE CHAINLINK FENCE
2. REMOVE ASPHALT PAVING
3. REMOVE GUARDRAIL
4. REMOVE CONCRETE PAD
5. SALVAGE BENCH
6. REMOVE GRAVEL PATH
7. SALVAGE SCULPTURE
8. SALVAGE PLAQUE
9. REMOVE CONCRETE WALK
10. REMOVE SHELTER
11. REMOVE DANCE FLOOR
12. REMOVE CONCRETE WALK AND HANDRAILS
13. SALVAGE WATER CONTROL BOXES AND ACTIVATION BUTTON
14. SALVAGE PARK BENCH
15. REMOVE BOLLADS
16. REMOVE VAULT
17. REMOVE INTERPRETIVE SIGN
18. ABANDON CATCH BASIN AND ASSOCIATED STORM DRAIN
19. REMOVE EXISTING IRRIGATION SERVICE WITH GRADING
20. REMOVE EXISTING POWER AND TELECOMM WITH STAGE CONSTRUCTION
21. REMOVE EXISTING POWER WITH GRADING

PROTECTION KEY NOTES

1. PROTECT SHEET PILE RETAINING WALL
2. PROTECT VAULT
3. PROTECT CONCRETE PAD
4. PROTECT CONCRETE DOCK
5. PROTECT SPLASH PAD
6. PROTECT BENCHES
7. PROTECT PLAYGROUND
8. PROTECT AMPHITHEATER
9. PROTECT PLANTERS
10. PROTECT LIGHTHOUSE
11. PROTECT ALL UTILITIES
12. PROTECT KIOSK
13. PROTECT PLANTING AREA
14. PROTECT CONCRETE WALL
15. PRESERVE EXISTING STORM MANHOLE AND STORM LINE
16. PRESERVE EXISTING STORM LINE
17. PROTECT CONCRETE SIDEWALK
18. PROTECT TREES
19. PROTECT CONCRETE PAD & GANGWAY

LEGEND

LIMIT OF WORK (SHOWN OFFSET FOR CLARITY)

EXISTING CONCRETE PAD TO REMAIN

TREE PROTECTION FENCING

TREE TO BE REMOVED

SHEET NOTES

1. CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
2. REMOVE ALL SITE COMPONENTS AND RECYCLE COMPONENTS ARE REQUIRED IN THE SPECIFICATIONS.
3. GENERAL DEMOLITION PERMIT SHALL BE SECURED BY THE CONTRACTOR.
4. ALL TRADE LICENSES AND PERMITS NECESSARY FOR THE PROCUREMENT AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION.
5. THE CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING RIGHT-OF-WAY SURVEY MONUMENTS DURING DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT BY A LICENSED SURVEYOR OF ANY DAMAGED OR REMOVED MONUMENTS.
6. PROTECT ALL ITEMS ON ADJACENT PROPERTIES AND IN THE RIGHT OF WAY INCLUDING BUT NOT LIMITED TO SIGNS, EQUIPMENT, PARKING METERS, SIDEWALKS, STREET TREES, STREET LIGHTS, CURBS, PAVEMENT AND SIGNS. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DAMAGED ITEMS TO ORIGINAL CONDITION.
7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
8. SAWCUT STRAIGHT LINES IN SIDEWALK AND PAVEMENT AS NECESSARY.
9. CONTRACTOR IS RESPONSIBLE TO CONTROL DUST AND MUD DURING DEMOLITION PERIOD, AND DURING TRANSPORTATION OF DEMOLITION DEBRIS. ALL STREET SURFACES OUTSIDE THE CONSTRUCTION ZONE MUST BE KEPT CLEAN.
10. ALL EXPOSED PORTIONS OF UNDERGROUND UTILITIES TO BE ABANDONED SHALL BE PLUGGED.
11. CLEAR AND GRUB INVASIVE WEEDS AT RIVERBANK. USE APPROVED HERBICIDES APPLIED BY CERTIFIED PROFESSIONAL AND MOWING FOR REMOVAL.

1 **DEMO PLAN - OVERALL**
SCALE: 1"= 40'-0"

0 20' 40' 80'

City of St. Helens
FOUNDED 1850

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimasha; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

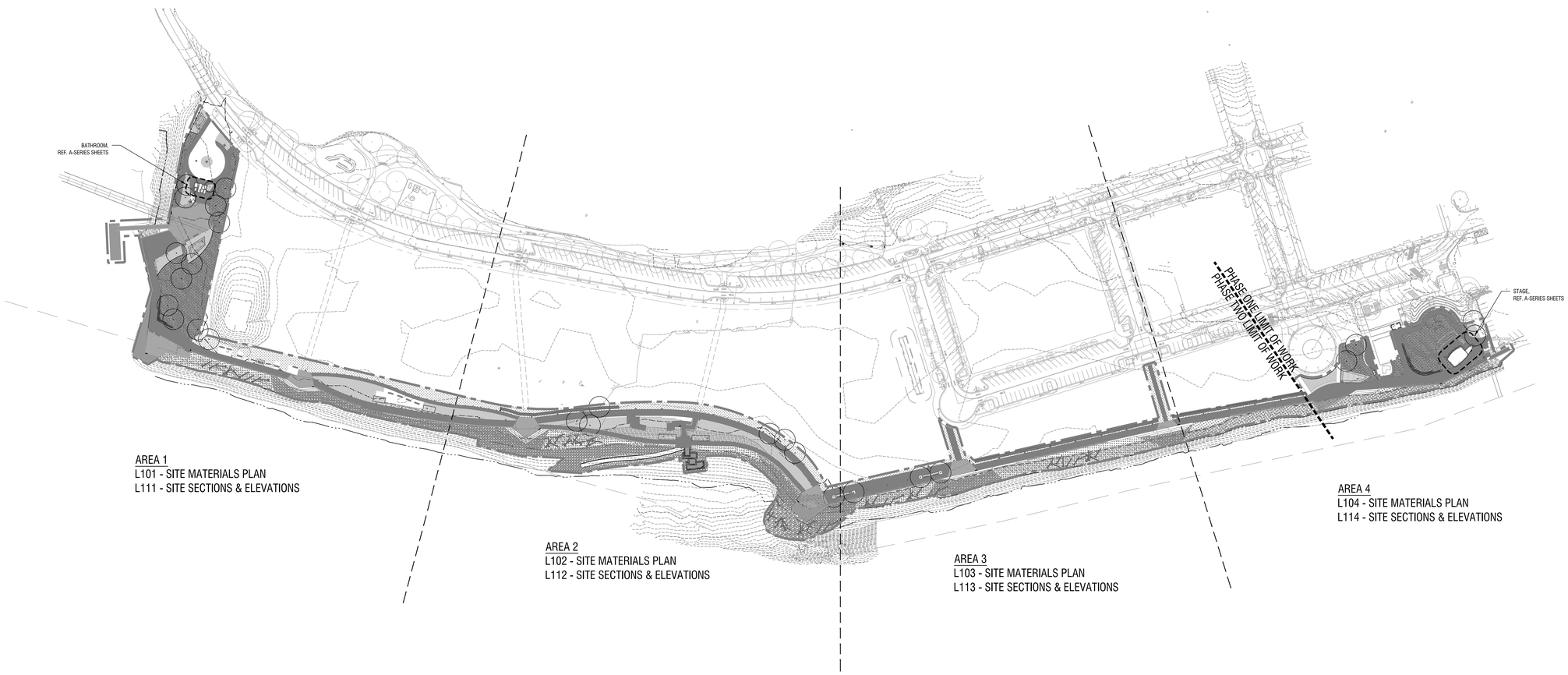
NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
DEMO PLAN - OVERALL

SHEET NUMBER
L010



1 **KEY PLAN**
SCALE: 1"= 80'-0"

0 40' 80' 160' N

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
KEY PLAN

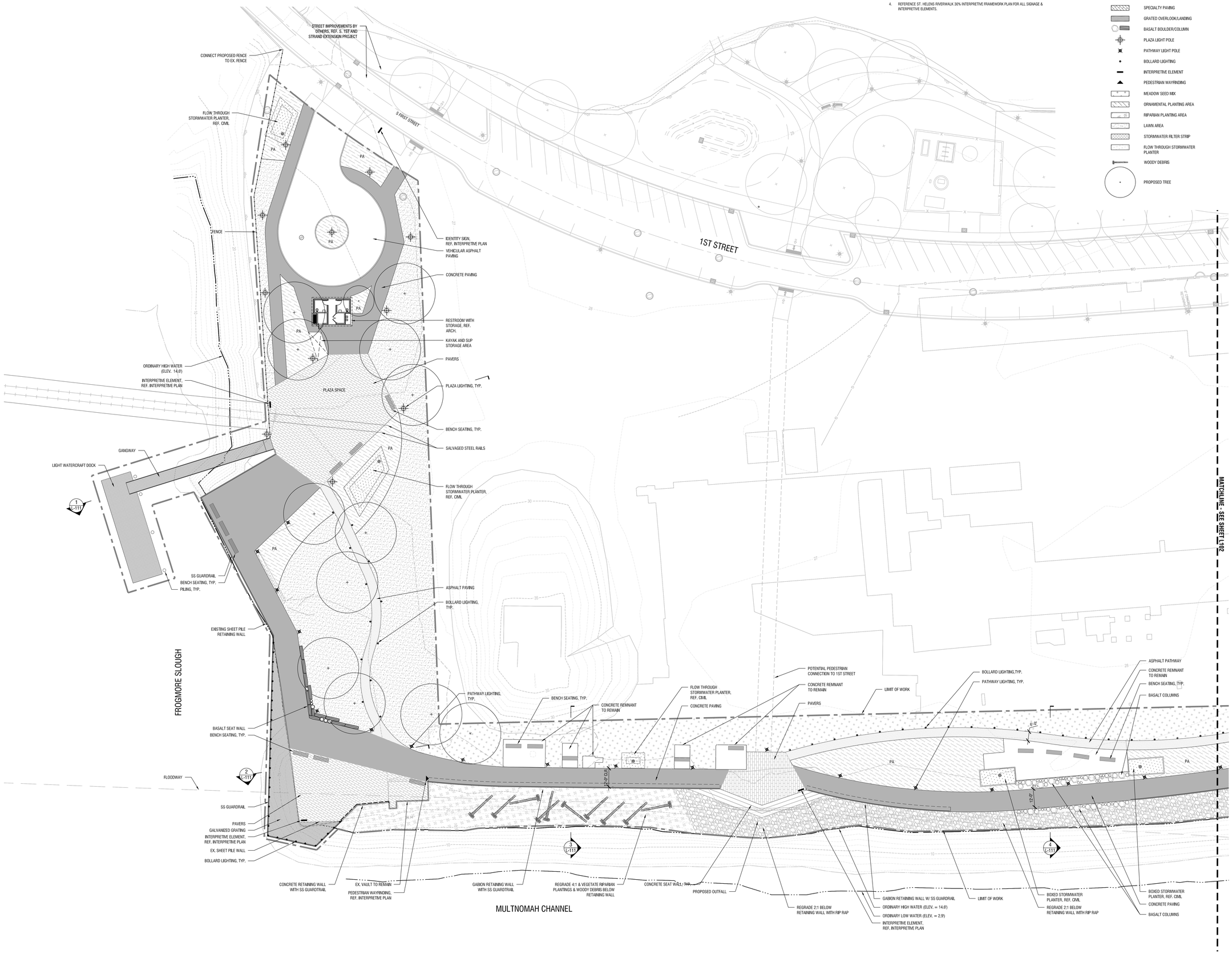
SHEET NUMBER
L100

GENERAL NOTES

1. REFERENCE SHEET L010 FOR TREE PROTECTION AND REMOVAL.
2. REFERENCE C-SERIES SHEETS FOR UTILITY INFORMATION.
3. REFERENCE A-SERIES SHEETS FOR STAGE AND BATHROOM INFORMATION.
4. REFERENCE ST. HELENS RIVERWALK 30% INTERPRETIVE FRAMEWORK PLAN FOR ALL SIGNAGE & INTERPRETIVE ELEMENTS.

GENERAL LEGEND

- LIMIT OF WORK
- RIGHT OF WAY
- BENCH
- SPECIALTY PAVING
- GRATED OVERLOOK/LANDING
- BASALT BOULDER/COLUMN
- PLAZA LIGHT POLE
- PATHWAY LIGHT POLE
- BOLLARD LIGHTING
- INTERPRETIVE ELEMENT
- PEDESTRIAN WAYFINDING
- MEADOW SEED MIX
- ORNAMENTAL PLANTING AREA
- RIPARIAN PLANTING AREA
- LAWN AREA
- STORMWATER FILTER STRIP
- FLOW THROUGH STORMWATER PLANTER
- WOODY DEBRIS
- PROPOSED TREE



1 **SITE MATERIALS PLAN - AREA 1**
SCALE: 1"= 20'-0"

0 10' 20' 40'

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
SITE MATERIALS PLAN - AREA 1

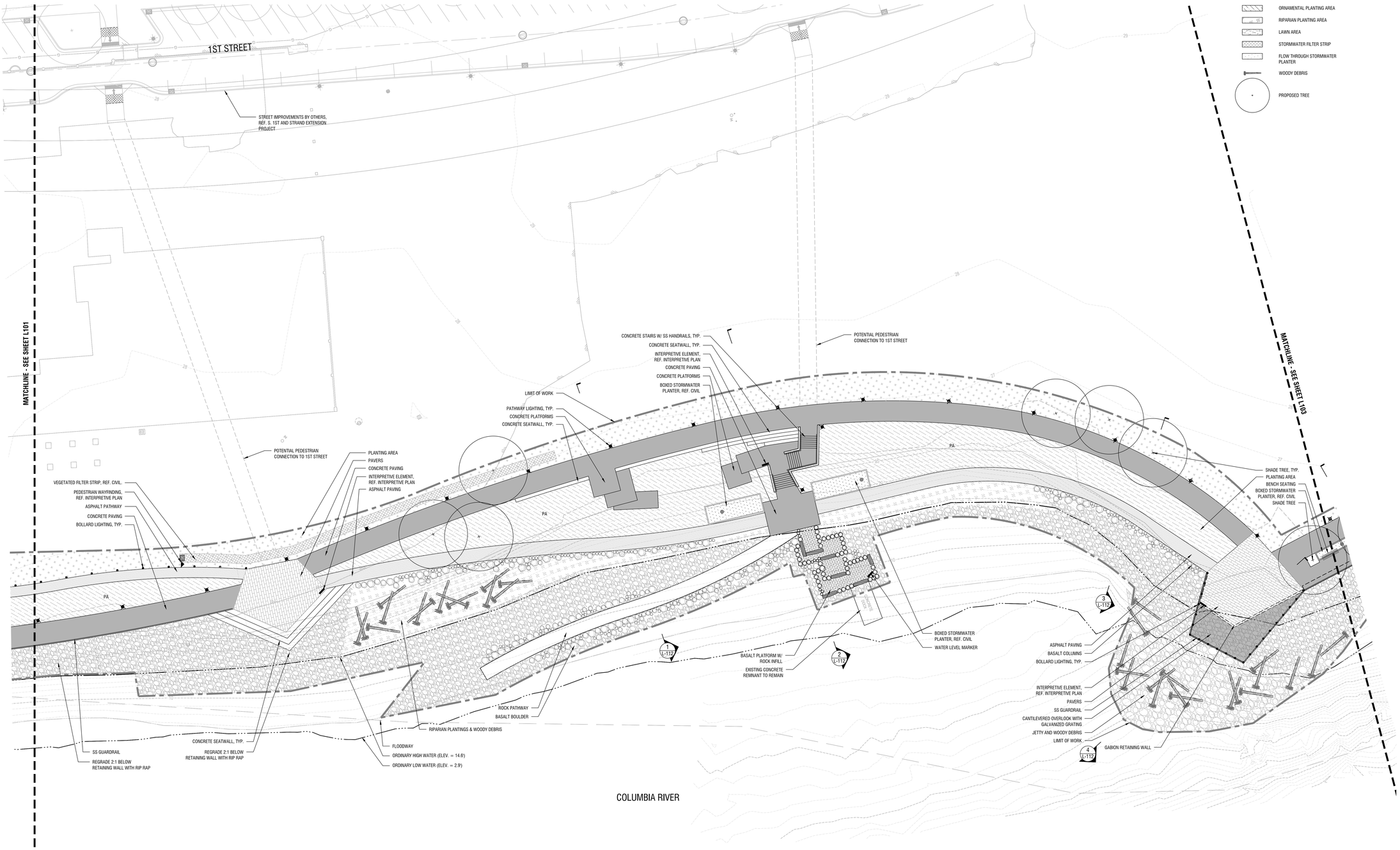
SHEET NUMBER
L101

GENERAL NOTES

1. REFERENCE SHEET L010 FOR TREE PROTECTION AND REMOVAL.
2. REFERENCE C-SERIES SHEETS FOR UTILITY INFORMATION.
3. REFERENCE A-SERIES SHEETS FOR STAGE AND BATHROOM INFORMATION.
4. REFERENCE ST. HELENS RIVERWALK 30% INTERPRETIVE FRAMEWORK PLAN FOR ALL SIGNAGE & INTERPRETIVE ELEMENTS.

GENERAL LEGEND

- LIMIT OF WORK
- RIGHT OF WAY
- BENCH
- SPECIALTY PAVING
- GRATED OVERLOOK/LANDING
- BASALT BOULDER/COLUMN
- PLAZA LIGHT POLE
- PATHWAY LIGHT POLE
- BOLLARD LIGHTING
- INTERPRETIVE ELEMENT
- PEDESTRIAN WAYFINDING
- MEADOW SEED MIX
- ORNAMENTAL PLANTING AREA
- RIPARIAN PLANTING AREA
- LAWN AREA
- STORMWATER FILTER STRIP
- FLOW THROUGH STORMWATER PLANTER
- WOODY DEBRIS
- PROPOSED TREE



1 **SITE MATERIALS PLAN - AREA 2**
SCALE: 1"= 20'-0"

0 10' 20' 40'

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
SITE MATERIALS PLAN - AREA 2

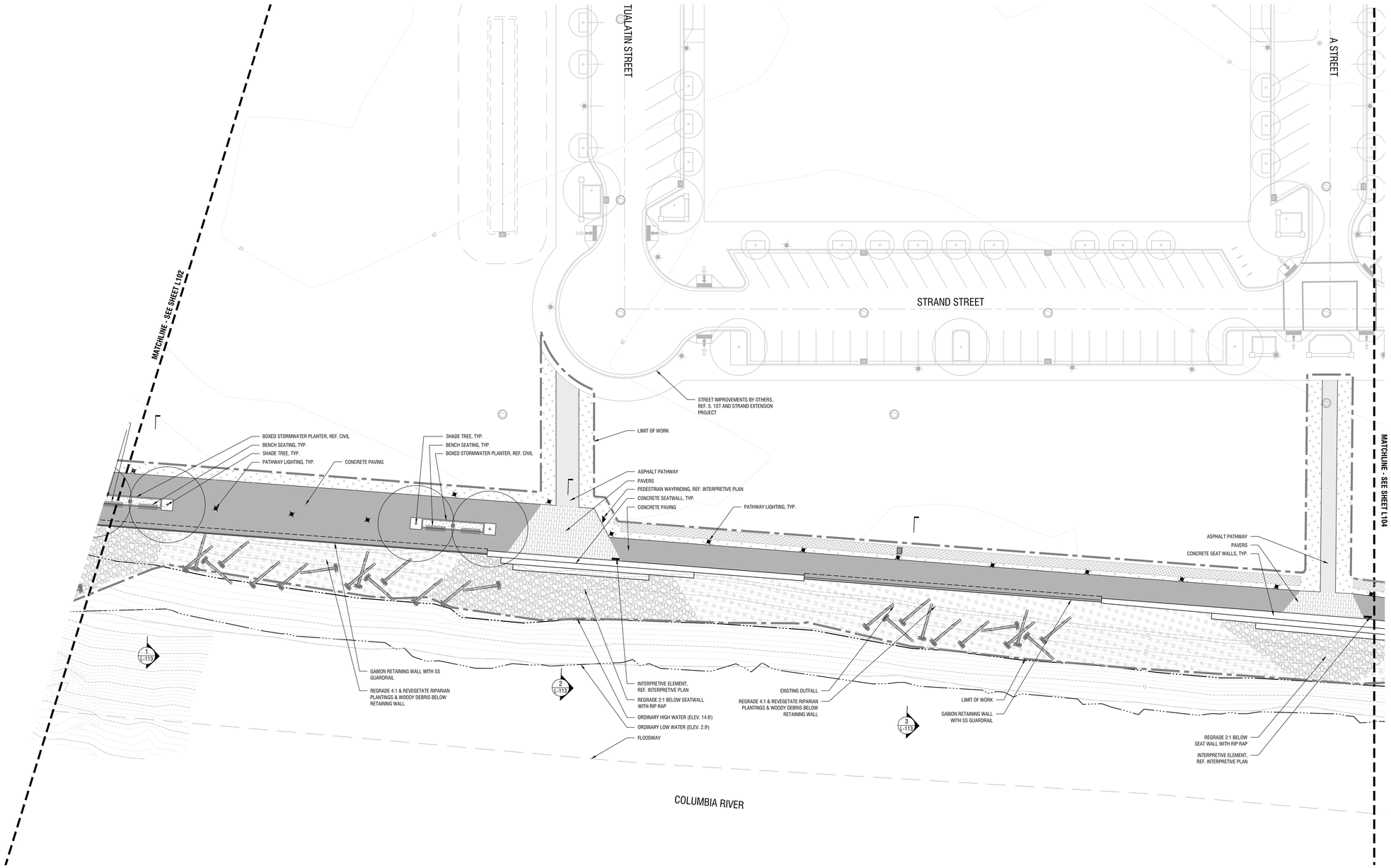
SHEET NUMBER
L102

GENERAL NOTES

1. REFERENCE SHEET L010 FOR TREE PROTECTION AND REMOVAL.
2. REFERENCE C-SERIES SHEETS FOR UTILITY INFORMATION.
3. REFERENCE A-SERIES SHEETS FOR STAGE AND BATHROOM INFORMATION.
4. REFERENCE ST. HELENS RIVERWALK 30% INTERPRETIVE FRAMEWORK PLAN FOR ALL SIGNAGE & INTERPRETIVE ELEMENTS.

GENERAL LEGEND

- LIMIT OF WORK
- RIGHT OF WAY
- BENCH
- SPECIALTY PAVING
- GRATED OVERLOOK/LANDING
- BASALT BOULDER/COLUMN
- PLAZA LIGHT POLE
- PATHWAY LIGHT POLE
- BOLLARD LIGHTING
- INTERPRETIVE ELEMENT
- PEDESTRIAN WAYFINDING
- MEADOW SEED MIX
- ORNAMENTAL PLANTING AREA
- RIPARIAN PLANTING AREA
- LAWN AREA
- STORMWATER FILTER STRIP
- FLOW THROUGH STORMWATER PLANTER
- WOODY DEBRIS
- PROPOSED TREE



1 **SITE MATERIALS PLAN - AREA 3**
SCALE: 1"= 20'-0"

0 10' 20' 40'

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
SITE MATERIALS PLAN - AREA 3

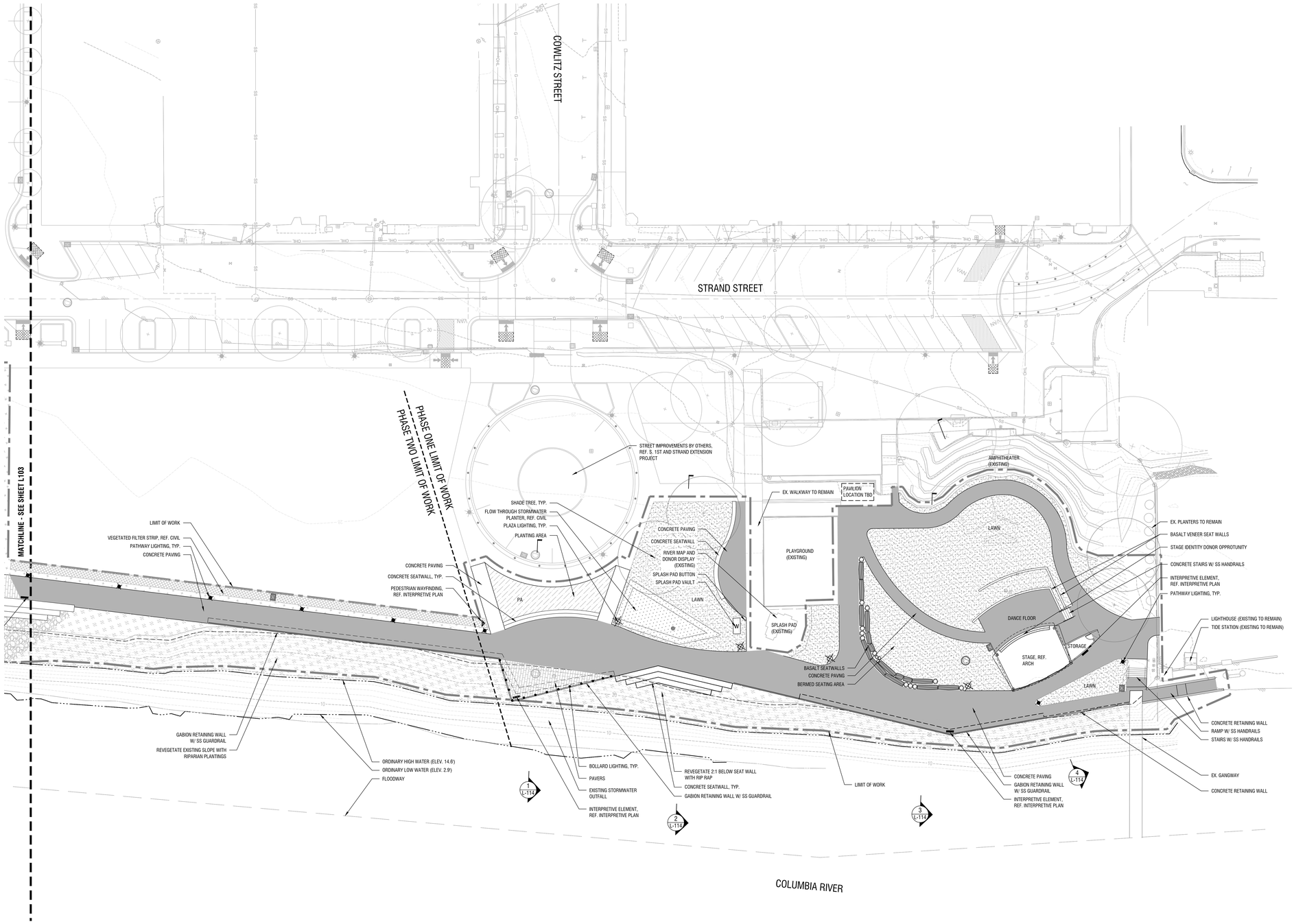
SHEET NUMBER
L103

GENERAL NOTES

1. REFERENCE SHEET L010 FOR TREE PROTECTION AND REMOVAL.
2. REFERENCE C-SERIES SHEETS FOR UTILITY INFORMATION.
3. REFERENCE A-SERIES SHEETS FOR STAGE AND BATHROOM INFORMATION.
4. REFERENCE ST. HELENS RIVERWALK 30% INTERPRETIVE FRAMEWORK PLAN FOR ALL SIGNAGE & INTERPRETIVE ELEMENTS.

GENERAL LEGEND

- LIMIT OF WORK
- RIGHT OF WAY
- BENCH
- SPECIALTY PAVING
- GRATED OVERLOOK/LANDING
- BASALT BOULDER/COLUMN
- PLAZA LIGHT POLE
- PATHWAY LIGHT POLE
- BOLLARD LIGHTING
- INTERPRETIVE ELEMENT
- PEDESTRIAN WAYFINDING
- MEADOW SEED MIX
- ORNAMENTAL PLANTING AREA
- RIPARIAN PLANTING AREA
- LAWN AREA
- STORMWATER FILTER STRIP
- FLOW THROUGH STORMWATER PLANTER
- WOODY DEBRIS
- PROPOSED TREE



1 **SITE MATERIALS PLAN - AREA 4**
SCALE: 1"= 20'-0"

0 10' 20' 40'

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

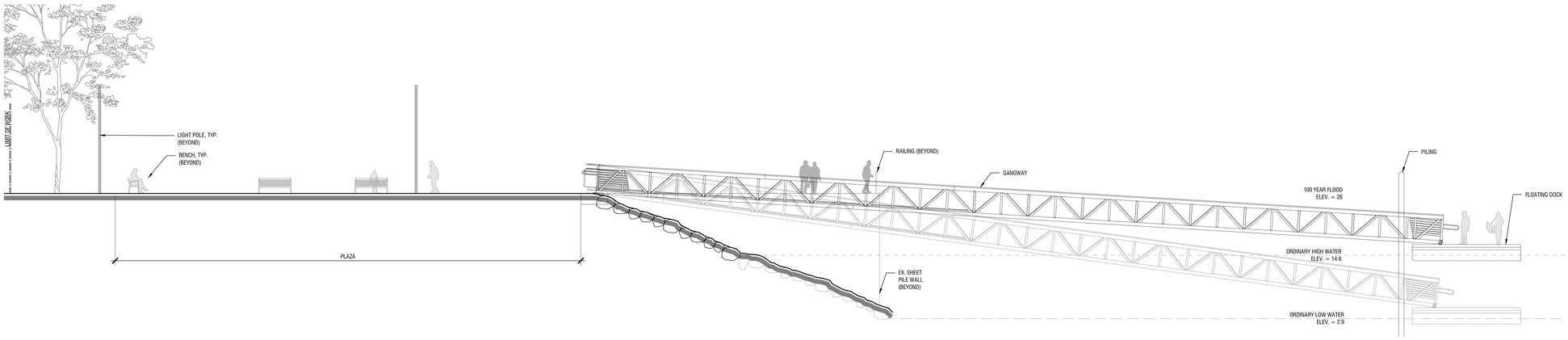
NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

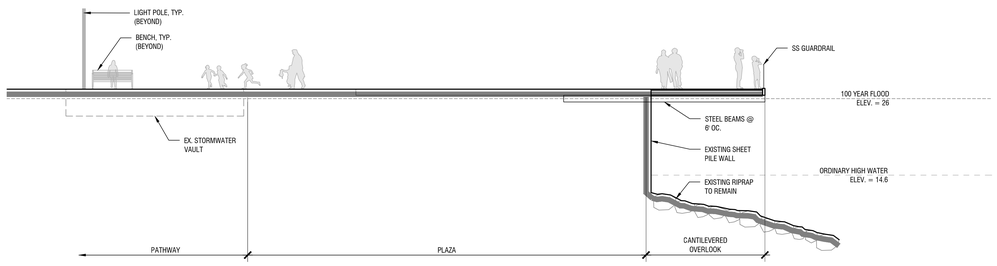
SHEET TITLE
SITE MATERIALS PLAN - AREA 4

SHEET NUMBER
L104



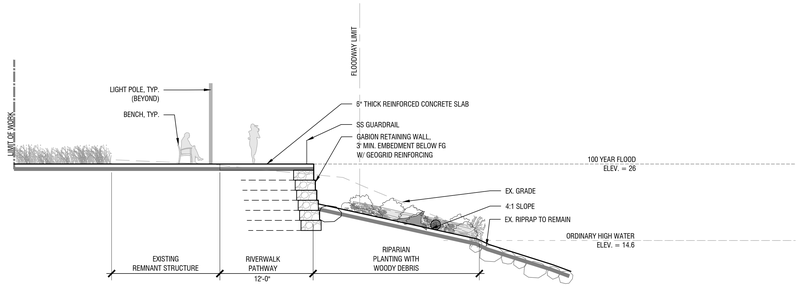
1 **PLAZA & FLOATING DOCK - SECTION**
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



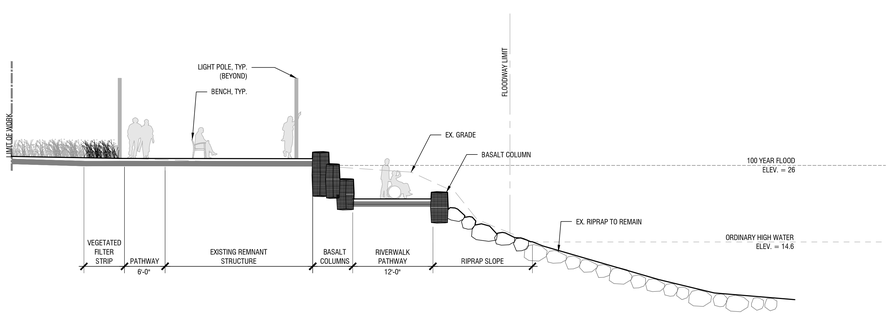
2 **CANTILEVERED OVERLOOK - SECTION**
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



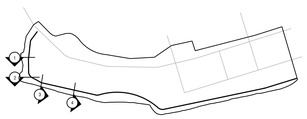
3 **RIVERWALK - SECTION**
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



4 **RIVERWALK & SECONDARY PATHWAY - SECTION**
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



KEY PLAN

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

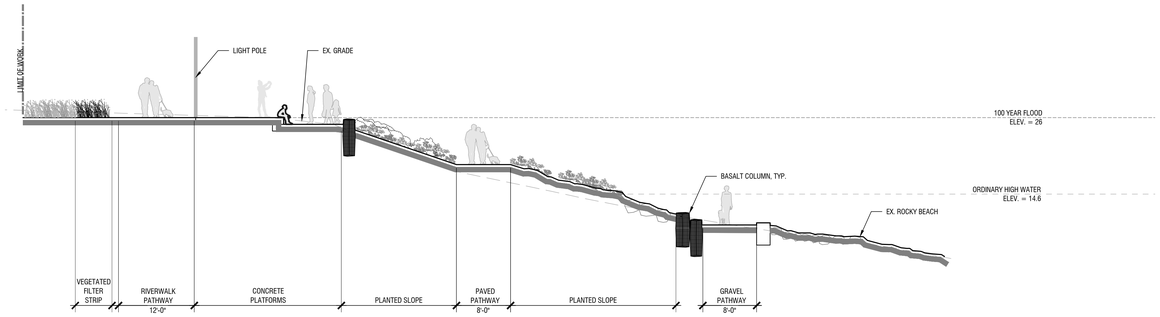
NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

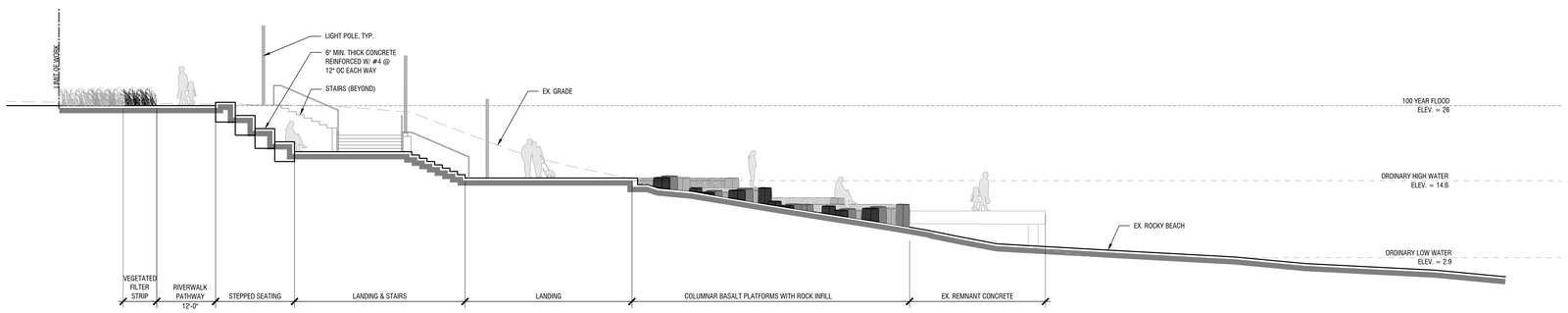
SHEET TITLE
SITE SECTIONS & ELEVATIONS - AREA 1

SHEET NUMBER
L111



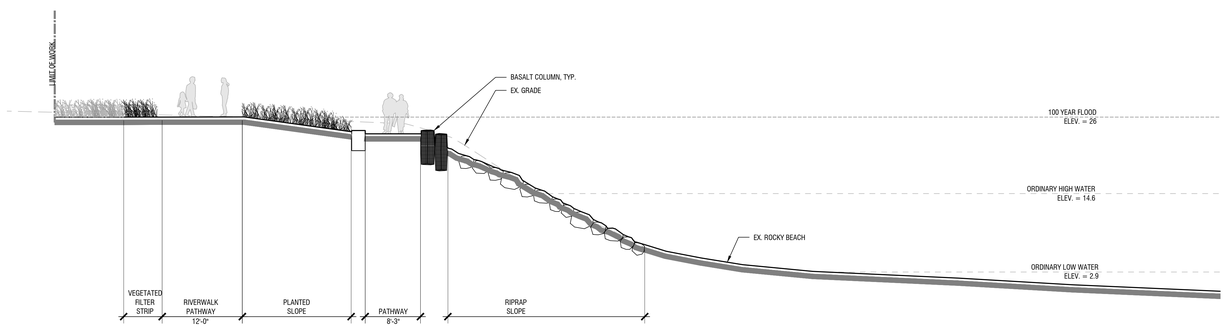
1 **ROCKY BEACH SOUTH - SECTION**
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'



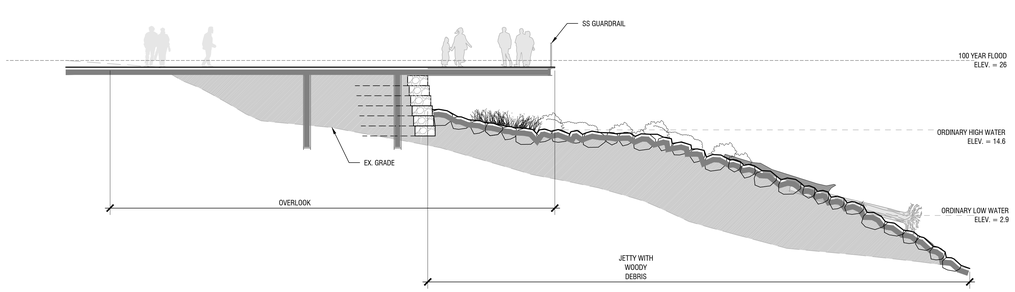
2 **ROCKY BEACH CENTER - SECTION**
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'



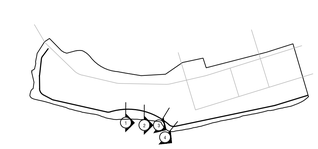
3 **ROCKY BEACH NORTH - SECTION**
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'



4 **CANTILEVERED OVERLOOK & JETTY - SECTION**
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'



KEY PLAN

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503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

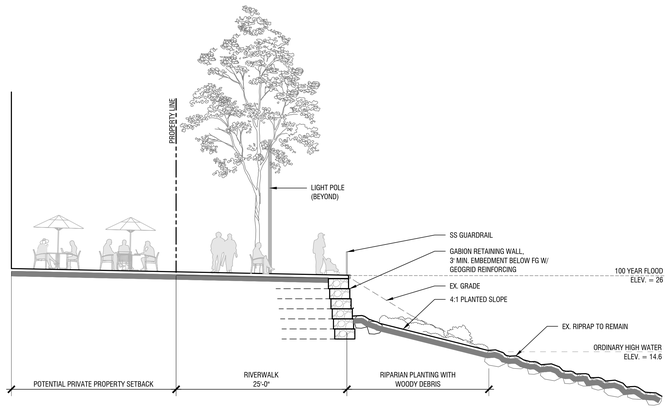
NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

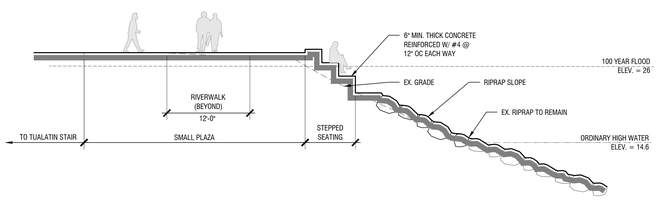
SHEET TITLE
SITE SECTIONS & ELEVATIONS - AREA 2

SHEET NUMBER
L112



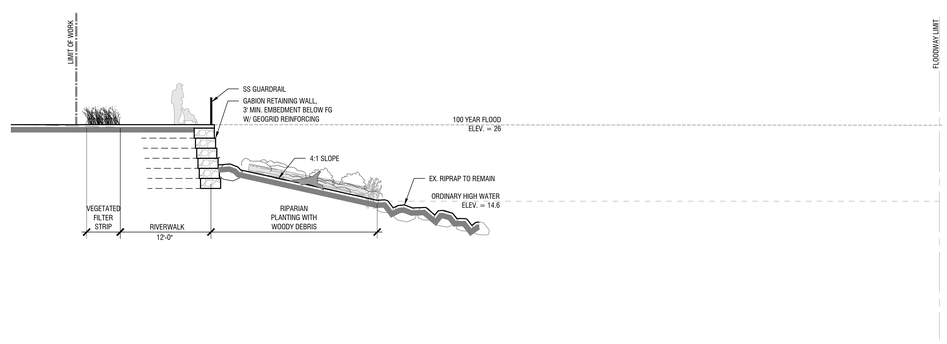
1 RIVERWALK ADJACENT TO POTENTIAL HOTEL - SECTION
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



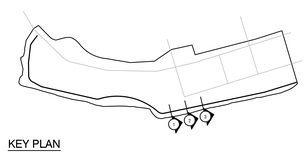
2 TUALATIN NODE - SECTION
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



3 RIVERWALK WITH RAILING - SECTION
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



KEY PLAN

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319 SW Washington St.
Suite 820
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St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

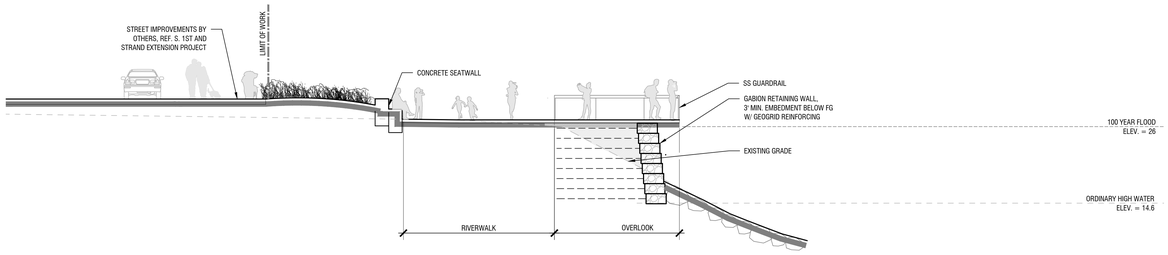
NO.	DESC.	DATE

DRAWN BY
M. SCHERER

CHECKED BY
S. SIMMS

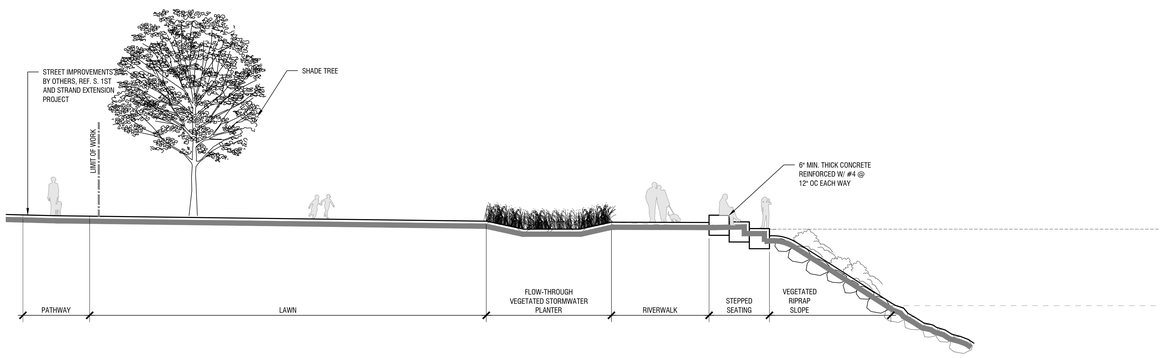
SHEET TITLE
SITE SECTIONS & ELEVATIONS - AREA 3

SHEET NUMBER
L113



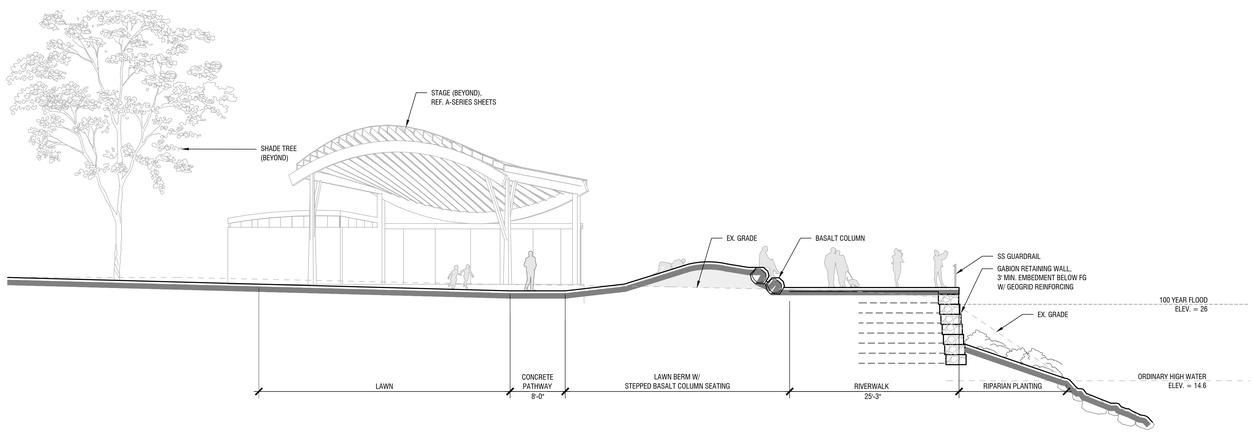
1 **SECTION @ COWLITZ OVERLOOK**
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



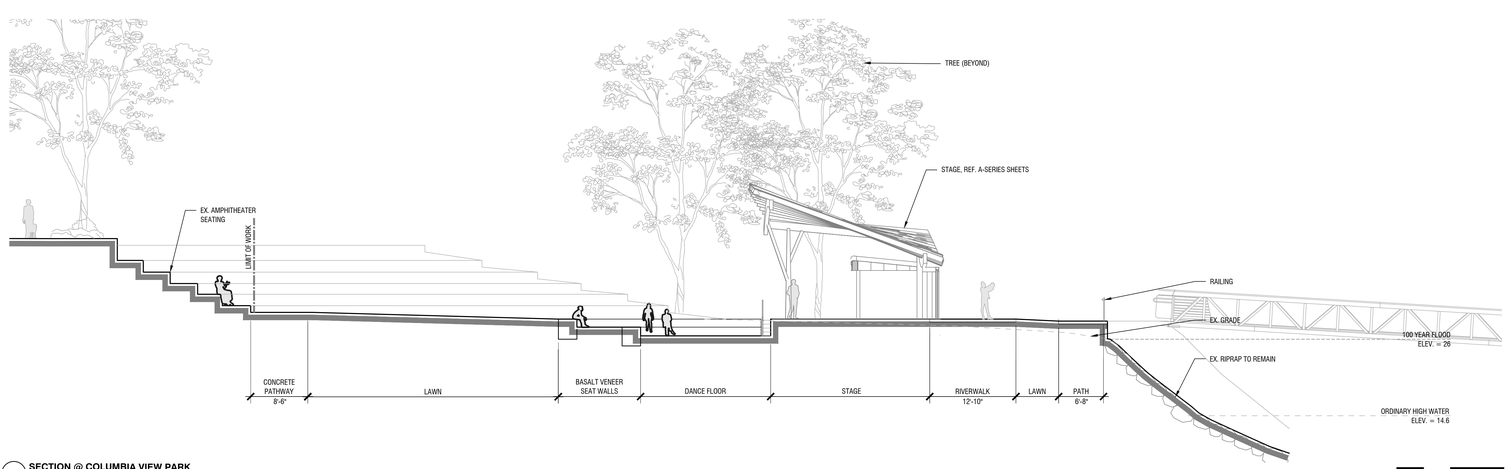
2 **SECTION @ STEPPED SEATING**
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



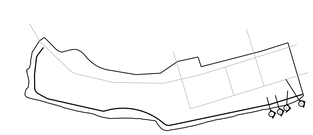
3 **SECTION @ COLUMBIA VIEW PARK**
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



4 **SECTION @ COLUMBIA VIEW PARK**
SCALE: 1/8"= 1'-0"

0' 4' 8' 16'



KEY PLAN

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

NO.	DESC.	DATE

DRAWN BY
M. SCHERER

CHECKED BY
S. SIMMS

SHEET TITLE
SITE SECTIONS & ELEVATIONS - AREA 4

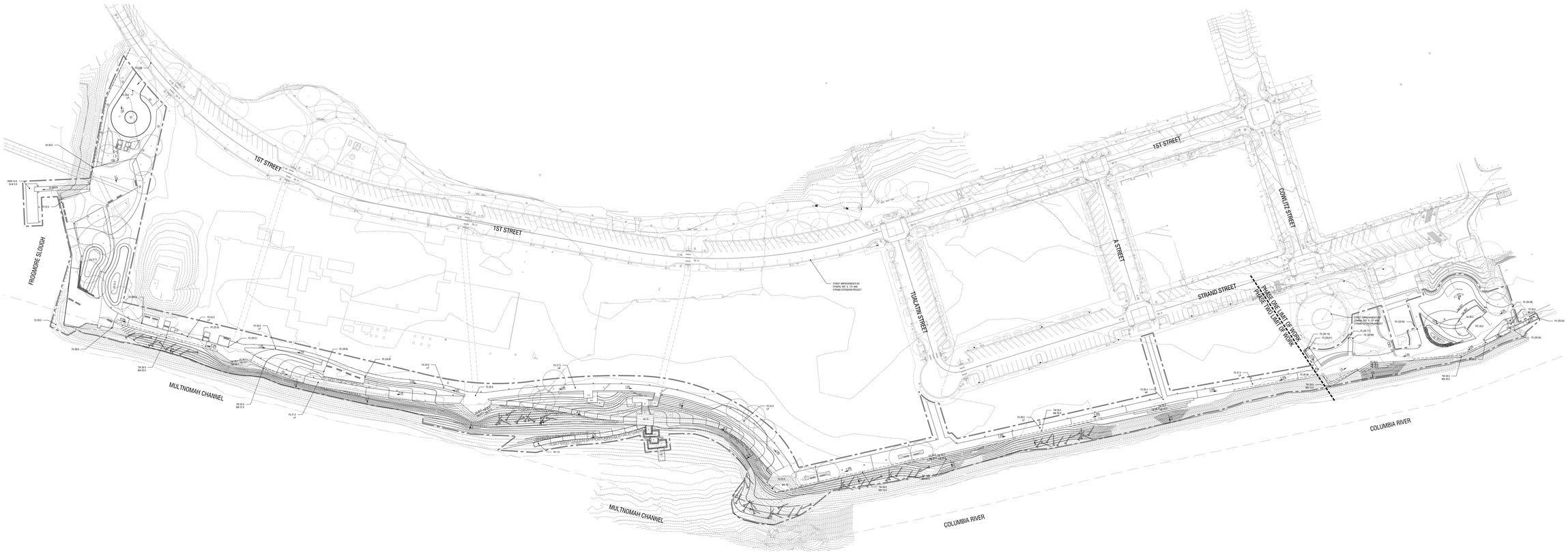
SHEET NUMBER
L114

GRADING LEGEND

1100	EXISTING CONTOUR - 1 FT INTERVAL
100	PROPOSED MAJOR CONTOUR - 5 FT INTERVAL
99	PROPOSED MINOR CONTOUR - 1 FT INTERVAL
GB	GRADE BREAK
(FS 100.00)	EXISTING SPOT ELEVATION
(FS 100.00)	CIVIL SPOT ELEVATION, REF. CIVIL
FS XXX.XX	SPOT ELEVATION
00%	SLOPE PERCENT, FOR REFERENCE ONLY
3:1	SLOPE RATIO (RUN:RISE), FOR REFERENCE ONLY
FFE	FINISH FLOOR ELEVATION
FS FG	FINISH SURFACE ELEVATION (HARDSCAPE) FINISH GRADE ELEVATION (SOFTSCAPE)
FS U	FINISH SURFACE ELEVATION - UTILITY VAULT LID
TW TWB	TOP OF WALL ELEVATION TOP OF WALL ELEVATION AT BREAK
TS BS	TOP OF STAIR ELEVATION BOTTOM OF STAIR ELEVATION
TC	TOP OF CURB ELEVATION
(TP)	TOP OF PAVEMENT, REF. CIVIL

GRADING NOTES

1. CROSS SLOPES IN PEDESTRIAN AREAS TO BE 2% MAX. LONGITUDINAL SLOPES ON WALKWAYS TO BE 5% MAX. LONGITUDINAL SLOPES ON PEDESTRIAN RAMPS TO BE 8% MAX. ANY PAVING EXCEEDING THESE SLOPES IS TO BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
2. SLOPES PROVIDED BY SLOPE ARROW ARE FOR REFERENCE ONLY.
3. ADJUST ALL INCIDENTAL STRUCTURES, MANHOLE LIDS, VALVE BOXES, ETC. TO FINISH GRADE.
4. ALL PLANTED AREAS TO SLOPE AWAY FROM BUILDINGS AT 2% MIN.



1 GRADING PLAN - OVERALL
SCALE: 1"= 40'-0"

0 20' 40' 80'

City of St. Helens
FOUNDED 1850

Mayer/Reed

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319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimasha, John Walsh

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

NO.	DESC.	DATE

DRAWN BY
J. CARLSON

CHECKED BY
S. SIMMS

SHEET TITLE
GRADING PLAN - OVERALL

SHEET NUMBER
L200

CONSTRUCTION KEY NOTES

1. CONSTRUCT VEGETATED FILTER STRIP PER DETAIL 770.
2. CONSTRUCT FLOW THROUGH PLANTER PER DETAIL 735.
3. CONSTRUCT BOXED PLANTER PER DETAIL 730.
4. CONSTRUCT STORM DRAIN CATCH BASIN.
5. CONSTRUCT STORMWATER FACILITY OVERFLOW DRAIN.
6. CONSTRUCT STORMFILTER MANHOLE. EXPECTED TO BE SFMH 48.
7. CONSTRUCT WATER SERVICE TO RESTROOM.
8. CONSTRUCT SEWER SERVICE TO RESTROOM.
9. RECONSTRUCT IRRIGATION SERVICES IN PARK.
10. POTENTIAL NEW STORM OUTFALL TO SERVICE BOTH RIVERWALK AND FUTURE DEVELOPMENT.
11. CONNECT TO EXISTING STORM LINE.
12. CONSTRUCT OVERFLOW DRAIN.
13. REMOVE EXISTING STORM SEWER AND CATCH BASINS.
14. RELOCATE EXISTING POWER AND COMMUNICATION LINES.
15. ABANDON EXISTING WATER LINE.
16. ABANDON EXISTING POWER LINE.
17. AMEND AND RE-VEGETATE BELOW SEATWALLS FOR WATER QUALITY TREATMENT (ASSUME 2 TO 5 FEET SWATH)
18. STREET IMPROVEMENTS BY OTHERS. REF. S. 1ST AND STRAND STREET EXTENSION PROJECT.
19. PROPOSED STORMWATER OUTFALL.
20. EXISTING STORMWATER OUTFALL.
21. EXISTING STORMWATER OUTFALL. MAY BE UPSIZED WITH UPSTREAM PARCEL DEVELOPMENT.

City of St. Helens
FOUNDED 1850

Mayer/Reed

Mayer/Reed, Inc.
319 SW Washington St.
Suite 820
Portland, Oregon 97204
503.223.5953

Otak

Otak, Inc.
808 SW Third Avenue, Ste. 800
Portland, OR 97204
503. 287. 6825
www.otak.com

St. Helens Riverwalk

St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

NOT FOR CONSTRUCTION

PHASE
30% DESIGN

DATE
12/17/2021

REVISIONS

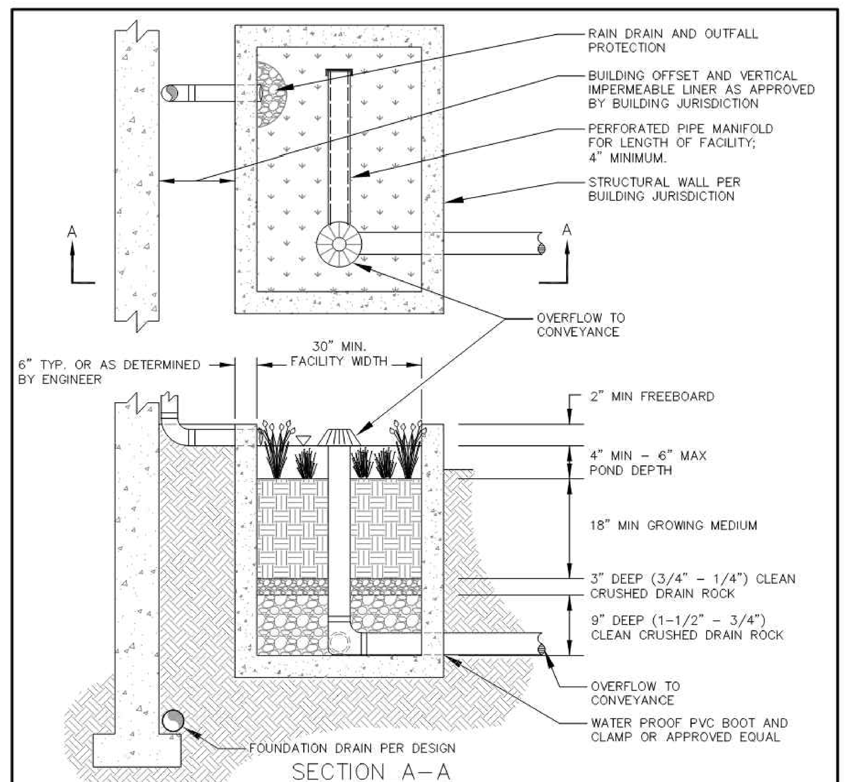
NO.	DESC.	DATE

DRAWN BY
CJB

CHECKED BY
KJB

SHEET TITLE
OVERALL UTILITY PLAN

SHEET NUMBER
C1.1



SECTION A–A

LOT# ______________
BOX SIZE (SF.) ______________
OF PLANTS ______________
TYPE OF PLANTS ______________
____
SIZE OF PLANTS ______________

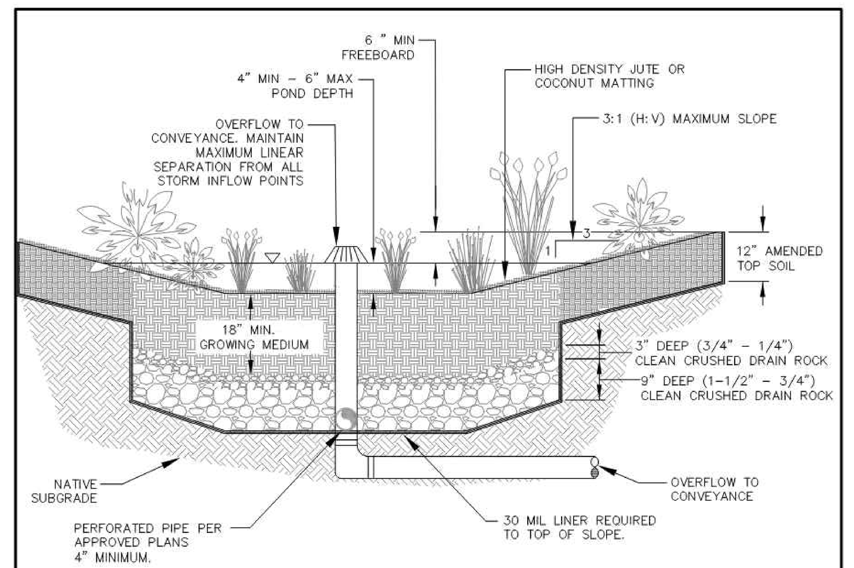
NOTES:

1. PRIVATE WATER QUALITY TREATMENT.
2. 30" MIN WIDTH – FACILITY LENGTH TO BE CALCULATED BASED ON INCOMING FLOWS.
3. VEGETATION: SEE PLANT LIST IN LIDA HANDBOOK.
4. I.E. OF RAIN DRAINS MUST MATCH THE ELEVATION OF THE OVERFLOW STRUCTURE.
5. RAIN DRAINS AND OVERFLOW TO MAINTAIN MAXIMUM LINEAR SEPERATION.
6. OUTFALL PROTECTION SIZED PER FLOW CALCULATIONS.
7. BUILDING JURISDICTION APPROVAL REQUIRED WHEN DEPTH OF FACILITY IS BELOW BUILDING FOOTING.

FLOW THROUGH PLANTER

DRAWING NO. 730 REVISED 10–31–19

Clean Water Services



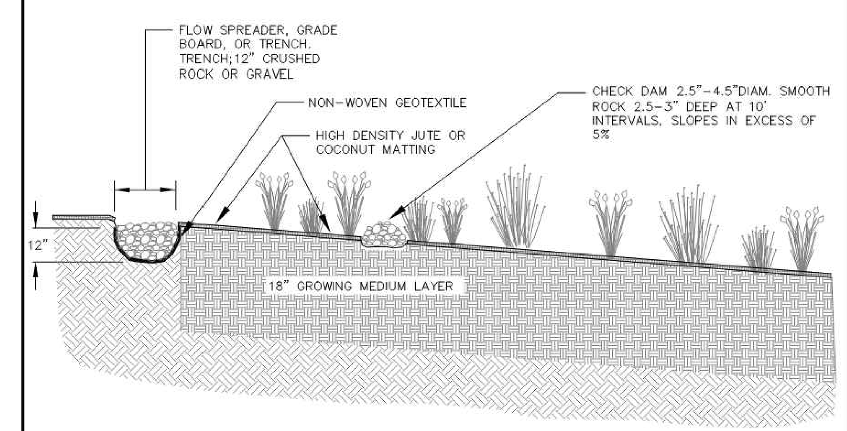
NOTES:

1. PROVIDE OVERFLOW CONVEYANCE SYSTEM, OVERFLOW CONVEYANCE HEIGHT TO ALLOW 4" MINIMUM – 6" MAXIMUM PONDING, PIPING TO A MINIMUM OF THE PLUMBING CODE OR CONVEY THE 25 YEAR STORM.
2. FLOW DISSIPATERS SHOULD BE USED IF ENTRY SLOPE TO THE BASIN IS GREATER THAN 3:1. FLOW DISSIPATERS SHALL BE CONSTRUCTED OUT OF ROCK OR GRAVEL PER DESIGN FLOW VELOCITY AT ENTRY OF THE FACILITY.
3. TREATMENT AREA SHALL HAVE HIGH DENSITY JUTE OR COCONUT MATTING OVER 18" MINIMUM OF GROWING MEDIUM OR BASE STABILIZATION METHOD AS APPROVED BY THE DISTRICT.
4. VEGETATION TO BE USED IN WET AREAS OF THE BASIN IS PER APPENDIX "A" FOR THE WET MOISTURE CONDITIONS.
5. VEGETATION TO BE USED IN OTHER AREAS OF BASIN CONFORMS TO PLANT LIST OF THIS HANDBOOK AS APPROVED BY DISTRICT.

NON–STRUCTURAL FLOW THROUGH PLANTER/SWALE

DRAWING NO. 735 REVISED 10–31–19

Clean Water Services



PROFILE VIEW

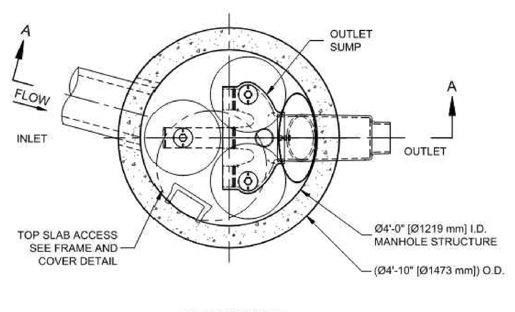
NOTES:

1. COLLECTION AND CONVEYANCE OF OVERFLOW FROM FILTER STRIP SHALL BE SPECIFIED ON PLANS TO APPROVED PUBLIC CONVEYANCE SYSTEM.
2. FACILITY SHALL BE A MINIMUM OF 5' WIDE, MEASURED IN THE DIRECTION OF FLOW.
3. ENTIRE FILTER STRIP MUST HAVE 100% COVERAGE BY APPROVED, NATIVE GRASSES, WILDFLOWER BLENDS, GROUND COVERS, OR ANY COMBINATION THEREOF.
4. A CONCRETE SPREADER, OR GRAVEL TRENCH MAY BE REQUIRED TO DISPERSE THE RUNOFF EVENLY ACROSS THE FILTER STRIP TO PREVENT POINT OF DISCHARGE/CHANNELIZATION. THE TOP OF THE LEVEL SPREADER MUST BE HORIZONTAL AND AT AN APPROPRIATE HEIGHT TO PROVIDE SHEET FLOW DIRECTLY TO THE SOIL WITHOUT SCOUR. LEVEL SPREADERS SHALL NOT HOLD A PERMANENT VOLUME OF RUNOFF. SPREADERS MAY BE CONCRETE PER CWS DETAIL #715. TRENCHES USED AS LEVEL SPREADERS CAN BE FILLED WITH WASHED CRUSHED ROCK, PEA GRAVEL OR SAND.

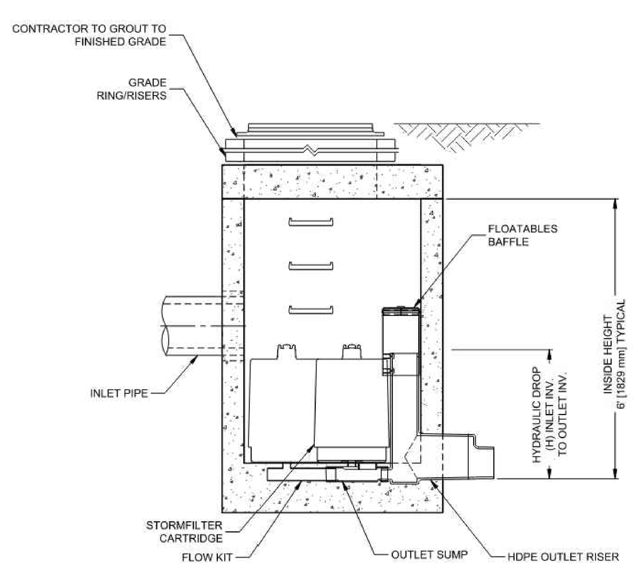
VEGETATED FILTER STRIP

DRAWING NO. 770 REVISED 10–31–19

Clean Water Services



PLAN VIEW
STANDARD OUTLET RISER
FLOWKIT: 40A



SECTION A-A

I:\STORMWATER\COMMON\PS10 STORMFILTER\40 STANDARD DRAWINGS\MANHOLE\SFMH48-DTL.DWG 4/5/2019 10:54 AM

The Stormwater Management StormFilter®
THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,322,629; 5,524,576; 5,707,527; 5,985,157; 6,027,639; 6,649,048; RELATED FOREIGN PATENTS, OR OTHER PATENTS PENDING.

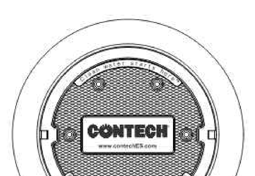
STORMFILTER DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. THE STANDARD MANHOLE STYLE IS SHOWN WITH THE MAXIMUM NUMBER OF CARTRIDGES (3). VOLUME SYSTEM IS ALSO AVAILABLE WITH MAXIMUM 3 CARTRIDGES. Ø4 [1219 mm] MANHOLE STORMFILTER PEAK HYDRAULIC CAPACITY IS 1.0 CFS [28.3 L/s] . IF THE SITE CONDITIONS EXCEED 1.0 CFS [28.3 L/s] AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CARTRIDGE SELECTION

CARTRIDGE HEIGHT	27" [686 mm]			18" [458 mm]			LOW DROP		
RECOMMENDED HYDRAULIC DROP (H)	3.05' [930 mm]			2.3' [700 mm]			1.8' [550 mm]		
SPECIFIC FLOW RATE (gpm/sf) [L/s/m²]	2 [1.30]	1.67* [1.08]	1 [0.65]	2 [1.30]	1.67* [1.08]	1 [0.65]	2 [1.30]	1.67* [1.08]	1 [0.65]
CARTRIDGE FLOW RATE (gpm) [L/s]	22.5 [1.42]	18.79 [1.19]	11.25 [0.71]	15 [0.95]	12.53 [0.79]	7.5 [0.44]	10 [0.63]	8.35 [0.54]	5 [0.32]

* 1.67 gpm/sf [1.08 L/s/m²] SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID			*
WATER QUALITY FLOW RATE (cfs) [L/s]			*
PEAK FLOW RATE (cfs) [L/s]			*
RETURN PERIOD OF PEAK FLOW (yrs)			*
CARTRIDGE HEIGHT (SEE TABLE ABOVE)			*
NUMBER OF CARTRIDGES REQUIRED			*
CARTRIDGE FLOW RATE			*
MEDIA TYPE (PERLITE, ZPG, PSORB)			*
PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE #1	*	*	*
INLET PIPE #2	*	*	*
OUTLET PIPE	*	*	*
RIM ELEVATION			*
ANTI-FLOTATION BALLAST		WIDTH	HEIGHT
		*	*
NOTES/SPECIAL REQUIREMENTS:			
* PER ENGINEER OF RECORD			

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR SITE SPECIFIC DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
4. STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' [1524 mm] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
6. FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES [178 mm]. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
7. SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) [L/s] DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft)[m²].
8. STORMFILTER STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE(S).
E. CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER EQUIPPED WITH A DUAL DIAMETER HDPE OUTLET STUB AND SAND COLLAR. IF OUTLET PIPE IS LARGER THAN 8 INCHES [200 mm], CONTRACTOR TO REMOVE THE 8 INCH [200 mm] OUTLET STUB AT MOLDED-IN CUT LINE. COUPLING BY FERNCO OR EQUAL AND PROVIDED BY CONTRACTOR.
F. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

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SFMH48
STORMFILTER
STANDARD DETAIL

City of St. Helens FOUNDED 1850

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St. Helens Riverwalk
St. Helens, Oregon

Project Manager: Jennifer Dimsho; John Walsh

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PHASE
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DETAILS

SHEET NUMBER
C1.2

DRAWING SHEET INDEX

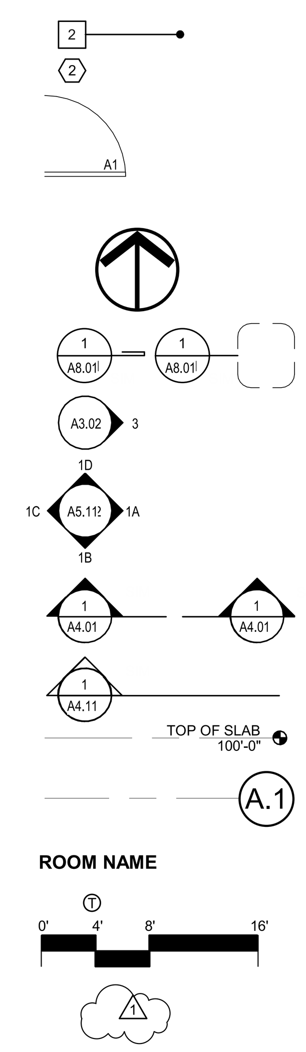
ARCHITECTURE

A0.01	ABBREVIATIONS AND SYMBOLS - ARCHITECTURE
A2.01	STAGE PLANS
A2.02	BATHROOM PLANS AND ELEVATIONS
A3.01	STAGE EXTERIOR ELEVATIONS AND SECTION

ABBREVIATIONS

#	NUMBER	GA	GAUGE, GYPSUM ASSOCIATION	PLAM	PLASTIC LAMINATE
&	AND	GAL	GALVANIZED	PL	PLATE, PROPERTY LINE
℄	CENTERLINE	GB	GRAB BAR	PLYWD	PLYWOOD
		GPM	GALLONS PER MINUTE	PNL	PANEL
AC	ACRE	GYP	GYPSUM	PNT	PAINT
ACC	ACCESSIBLE			PR	PAIR
AED	AUTOMATED	HB	HOSE BIB	PREFIN	PREFINISHED
	EXTERNAL	HC-PHB	HOLLOW CORE PRIMED	PREPR	PRE-PRIMED
	DEFIBRILLATOR		HARDBOARD	PT	PRESSURE TREATED, POST
AFF	ABOVE FINISH FLOOR	HDR	HEADER		TENSION
ADJ	ADJUSTABLE	HDW	HARDWARE		
AHU	AIR HANDLING UNIT	HM	HOLLOW METAL	R	RISER, RADIUS
ALUM	ALUMINUM	HORIZ	HORIZONTAL	R & S	ROD AND SHELF
APPROX	APPROXIMATE	HR	HOUR	RCP	REFLECTED CEILING PLAN(S)
APT	APARTMENT	HVAC	HEATING VENTILATION AND AIR	RD	ROOF DRAIN
			CONDITIONING	REF	REFERENCE
BD	BOARD			REFL	REFLECTED
BDRM	BEDROOM	IBC	INTERNATIONAL BUILDING	REFR	REFRIGERATOR
BLDG	BUILDING		CODE	REQD	REQUIRED
BLKG	BLOCKING	IN	INCH	REST	RESTROOM
BM	BEAM	INFO	INFORMATION	RM	ROOM
BOT	BOTTOM	INSUL	INSULATE(D), (ION)	RO	ROUGH OPENING
BR	BEDROOM	INT	INTERIOR		
				SAMF	SELF-ADHERING MEMBRANE
CIP	CAST-IN-PLACE	JAN	JANITOR'S		FLASHING
CJ	CONTROL JOINT	JST	JOIST	SD	SMOKE DETECTOR
CL	CLOSET			SF	SQUARE FOOT
CLG	CEILING	KDHM	KNOCK-DOWN HOLLOW METAL	SHTHG	SHEATHING
CLR	CLEAR(ANCE)	KIT	KITCHEN	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT			SPEC	SPECIFICATION
CPT	CARPET	LAM	LAMINATE	STD	STANDARD
COL	COLUMNS	LAUN	LAUNDRY	STL	STEEL
CONT	CONTINUOUS	LD	LOAD	STOR	STORAGE
CONC	CONCRETE	LGT	LIGHT	STC	SOUND TRANSMISSION CLASS
CORR	CORRIDOR	LN	LINEN	STRUCT	STRUCTURAL
		LVT	LUXURY VINYL TILE	SV	SHEET VINYL
D	DRYER	LW	LIVE/WORK		
DBL	DOUBLE			T	TREAD, TEMPERED
DF	DRINKING FOUNTAIN	MAINT	MAINTENANCE	T & G	TONGUE & GROOVE
DIA	DIAMETER	MATL	MATERIAL	TB	TOWEL BAR
DIM	DIMENSION	MAX	MAXIMUM	TG	TEMPERED GLASS
DN	DOWN	MDF	MEDIUM DENSITY FIBERBOARD	THK	THICK, THICKNESS
DR	DOOR	MECH	MECHANICAL	TO	TOP OF
DS	DOWN SPOUT	MEMB	MEMBRANE	TP	TOILET PAPER
DU	DWELLING UNIT	MFR	MANUFACTURER	T/S	TUB/SHOWER
DW	DISHWASHER	MIN	MINIMUM	TYP	TYPICAL
DWG	DRAWING	MIRR	MIRROR(ED)		
		MISC	MISCELLANEOUS	UNO	UNLESS NOTED OTHERWISE
EA	EACH	MTL	METAL	UNFIN	UNFINISHED
EJ	EXPANSION JOINT				
EL	ELEVATION	N	NORTH	VCT	VINYL COMPOSITION TILE
ELEC	ELECTRICAL	NA	NOT APPLICABLE	VERT	VERTICAL
ELEV	ELEVATOR	NIC	NOT IN CONTRACT	VRFY	VERIFY
EP	ELECTRICAL PANEL	NO	NUMBER		
EQUIP	EQUIPMENT	NR	NON RATED	W	WASHER
EQ	EQUAL	NTS	NOT TO SCALE	W/	WITH
EXIST	EXISTING			WD	WOOD
EXT	EXTERIOR	OC	ON CENTER	WH	WATER HEATER
		OCC	OCCUPANT(S), OCCUPANCY,	WIC	WALK IN CLOSET
FCP	FIBER CEMENT PANEL		(IES)	WIN	WINDOW
FD	FLOOR DRAIN	OLF	OCCUPANT LOAD FACTOR	WP	WATERPROOF
FEC	FIRE EXTINGUISHER CABINET	OPP	OPPOSITE	WR	WATER RESISTANT
FIN	FINISH	OPNG	OPENING	WRB	WATER RESISTANT BARRIER
FLR	FLOOR	ORD	OVERFLOW ROOF DRAIN		
FND	FOUNDATION	OSB	ORIENTED STRAND BOARD		
FO	FACE OF	OSSC	OREGON STRUCTURAL		
FOC	FACE OF CONCRETE		SPECIALTY CODE		
FOF	FACE OF FINISH	OVFL	OVERFLOW		
FOS	FACE OF STUD				
FOW	FACE OF WALL				
FT	FEET				
FTG	FOOTING WALL				
FT	FEET				

SYMBOLS



ASSEMBLY TAG
WINDOW TAG
DOOR TAG
NORTH ARROW
DETAIL TAGS
EXTERIOR ELEVATION TAG
INTERIOR ELEVATION TAG
BUILDING SECTION TAG
WALL SECTION TAG
ELEVATION DATUM
GRID LINE/ GRID BUBBLE
ROOM TITLE
TEMPERED GLAZING
GRAPHIC SCALE
REVISION TAG AND CLOUD

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ST. HELENS RIVERWALK

St. Helens, Oregon

Project Manager: Steve Ewoldt

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SHEET TITLE
ABBREVIATIONS AND SYMBOLS - ARCHITECTURE

SHEET NUMBER
A0.01

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BUILDING PLAN NOTES

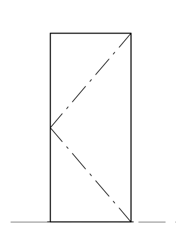
1. ALL DIMENSIONS AND GRIDS ARE TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS OTHERWISE NOTED.

ROOF PLAN NOTES

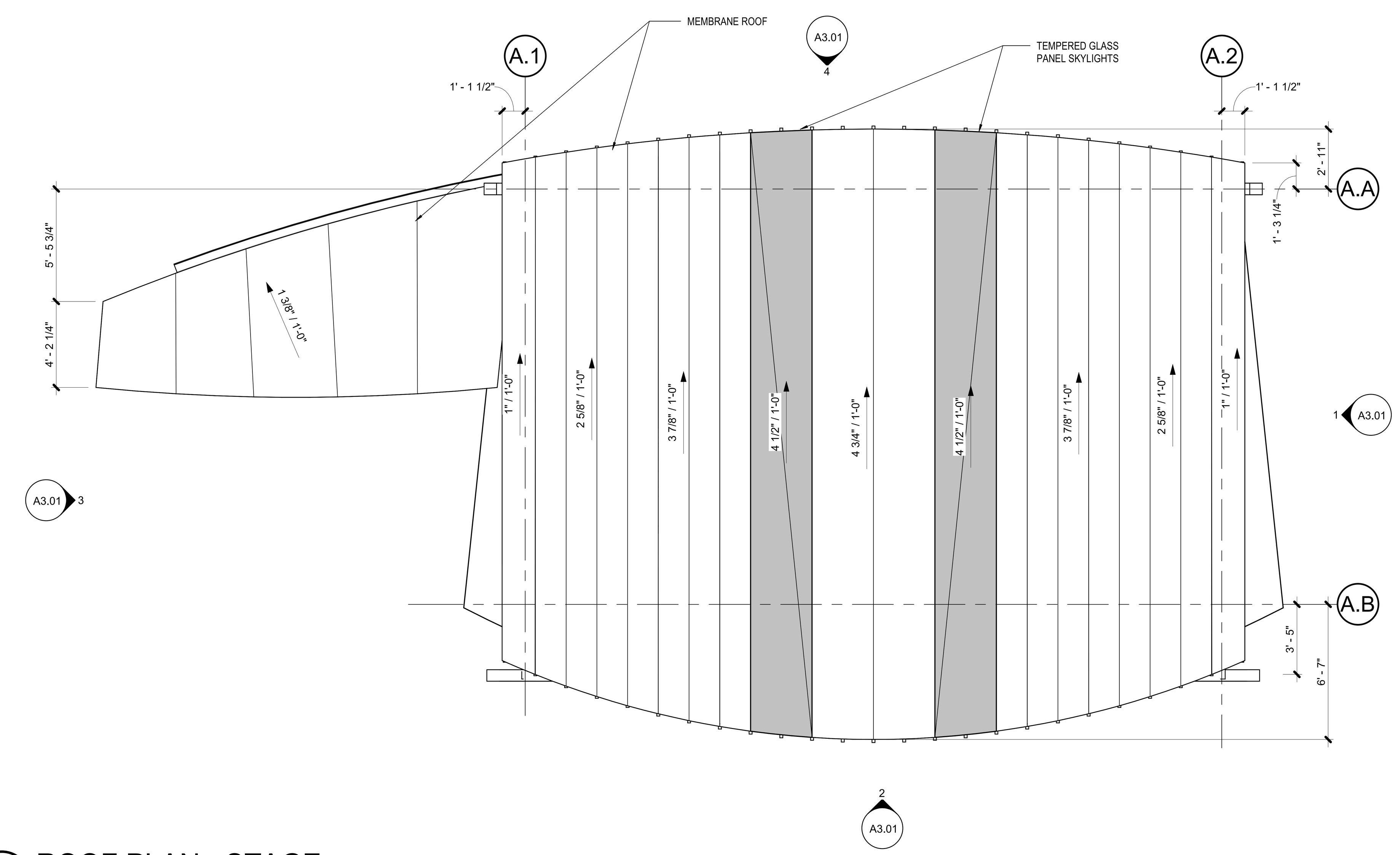
1. SEE LOWER FLOOR PLANS FOR BUILDING DIMENSIONS.

DOOR SCHEDULE - STAGE

DOOR NO	LOCATION	OPENING WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE	FIRE RATING	COMMENTS
001	STORAGE	3' - 0"	6' - 8"	1 1/2"							



3 A2.01 DOOR TYPES
SCALE: 1/4" = 1'-0"



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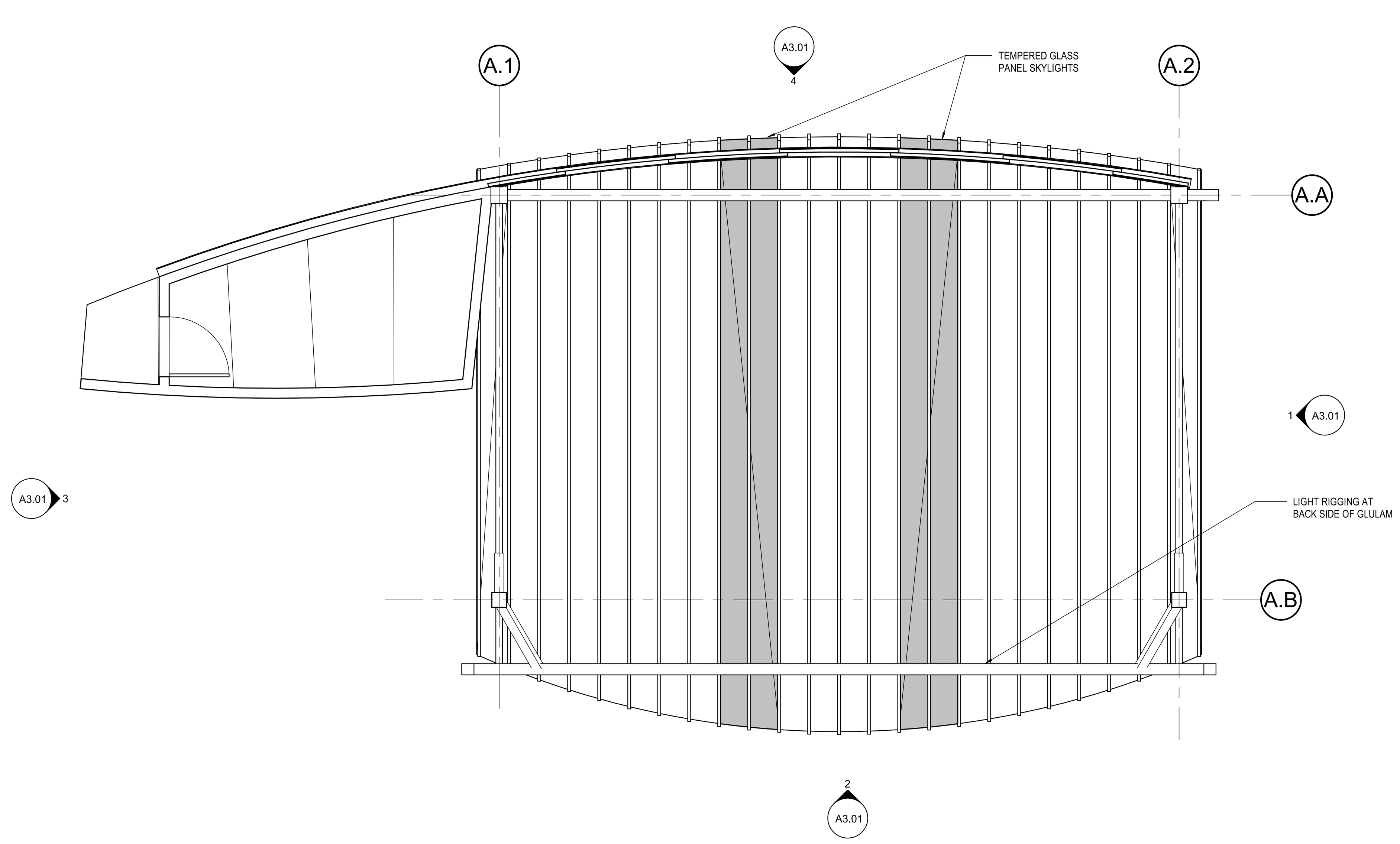

3 A2.01 STAGE - REFLECTED CEILING PLAN
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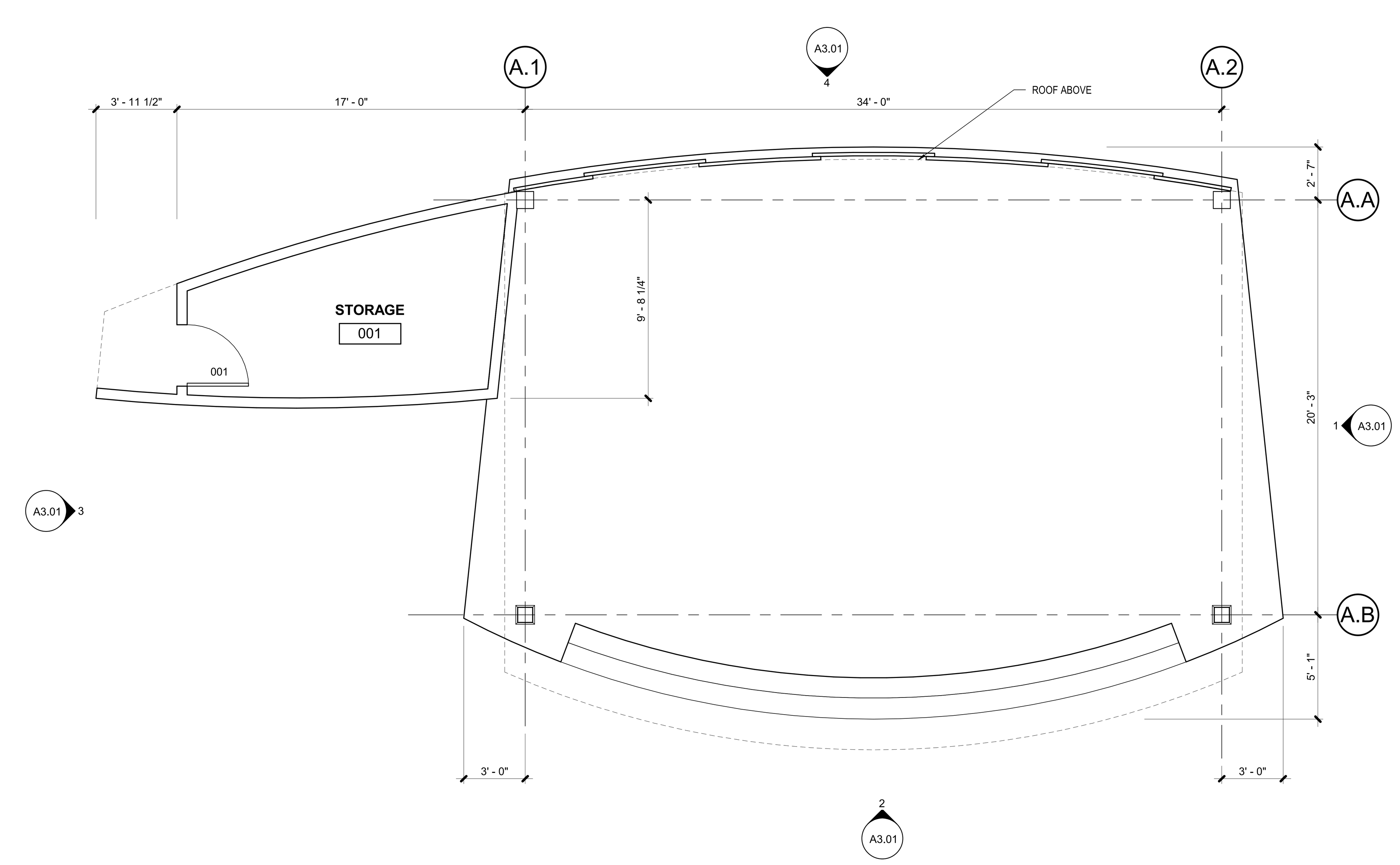

1 A2.01 FLOOR PLAN - STAGE
SCALE: 1/4" = 1'-0"

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St. Helens, Oregon

Project Manager: Steve Ewoldt

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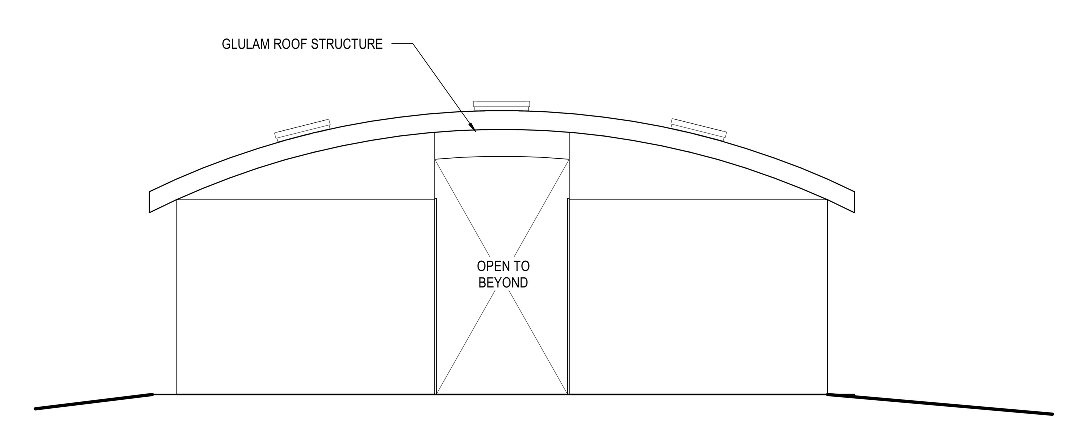
STAGE PLANS

SHEET NUMBER
A2.01

DOOR SCHEDULE - RESTROOMS

DOOR NO	LOCATION	OPENING WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE	FIRE RATING	COMMENTS
101	RESTROOM	3' - 0"	7' - 0"	1 1/2"							
102	RESTROOM	3' - 0"	7' - 0"	1 1/2"							
103	STORAGE	6' - 0"	7' - 0"	2"							
104	STORAGE	3' - 0"	7' - 0"	1 1/2"							

7 A2.02 DOOR TYPES
SCALE: 1/4" = 1'-0"



7 A2.02 BATHROOM - WEST
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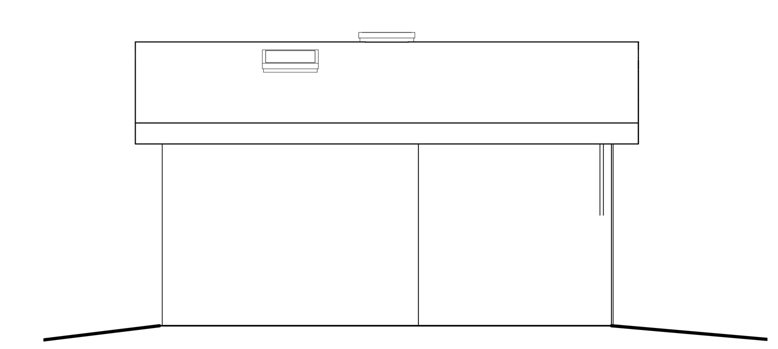

6 A2.02 BATHROOM - SOUTH
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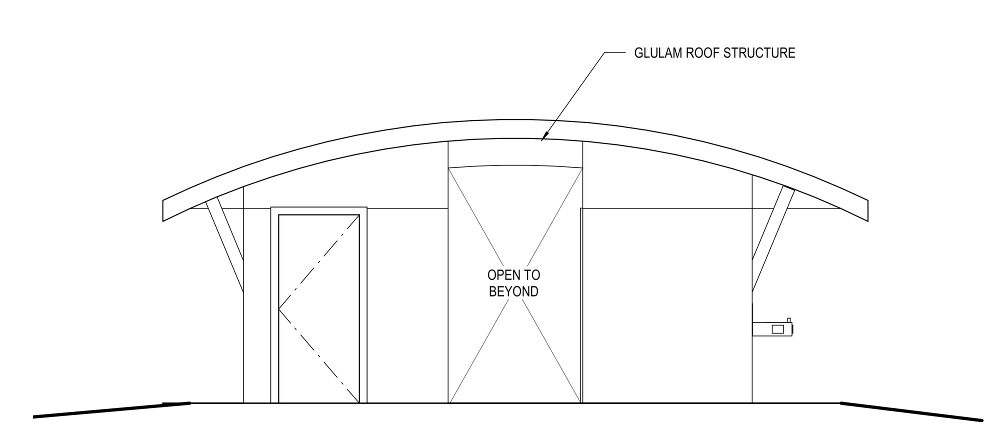

5 A2.02 BATHROOM - EAST
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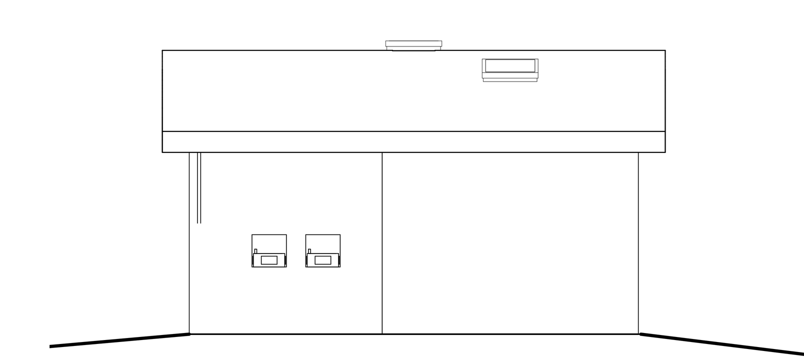

4 A2.02 BATHROOM - NORTH
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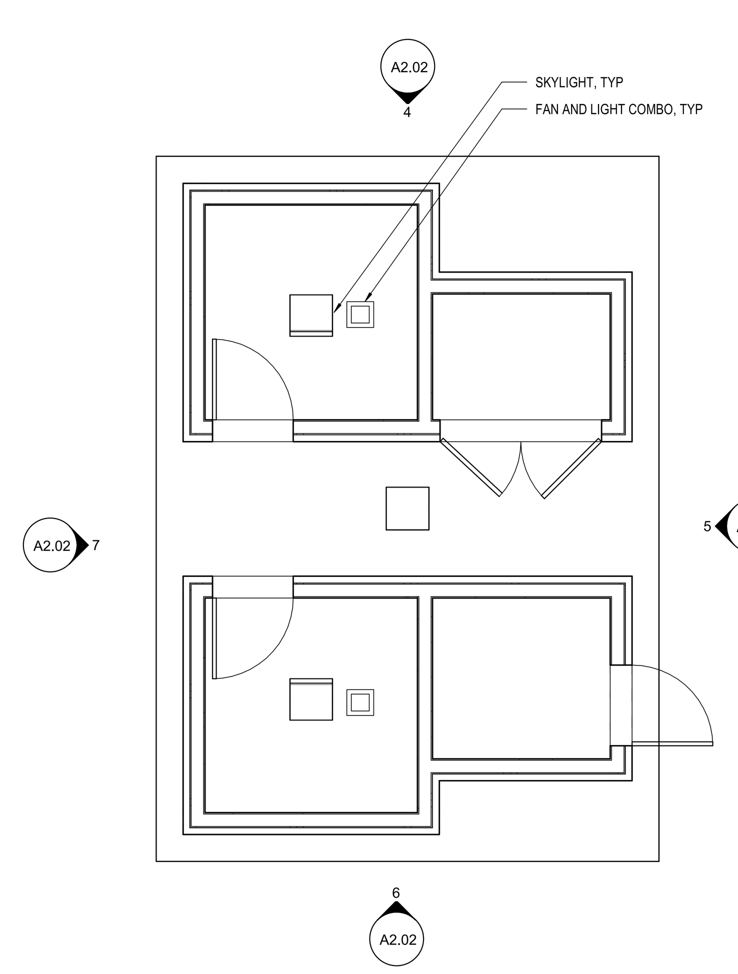

3 A2.02 BATHROOMS - REFLECTED CEILING PLAN
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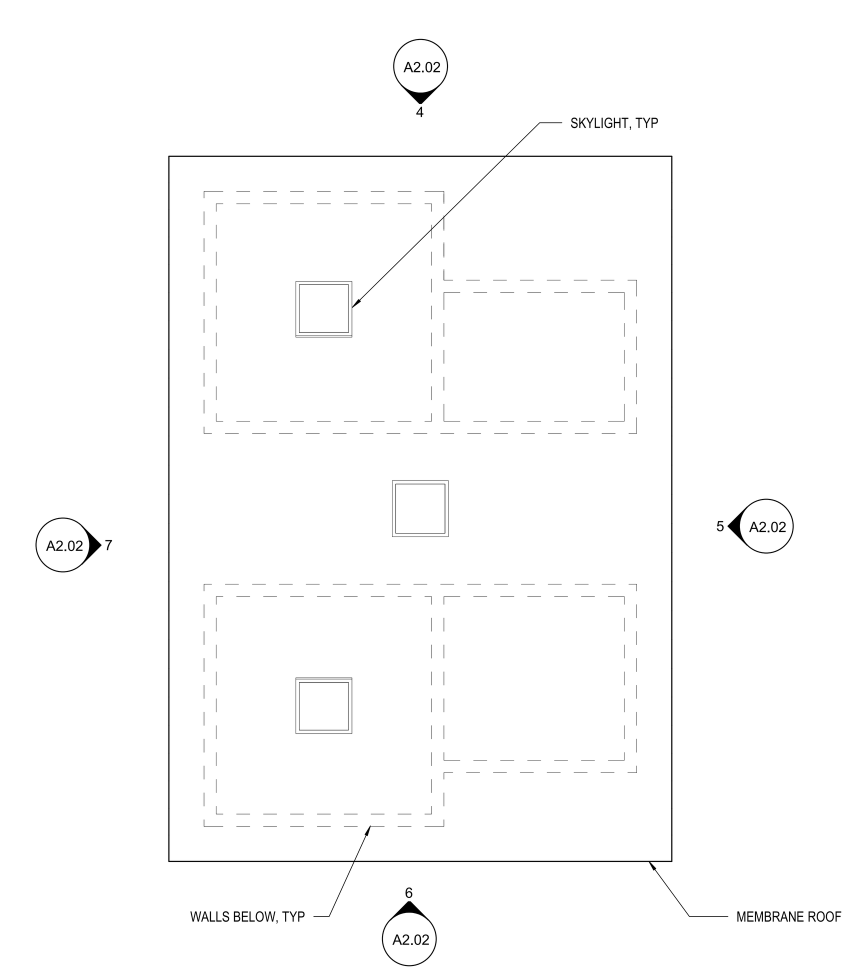

2 A2.02 ROOF PLAN - BATHROOM
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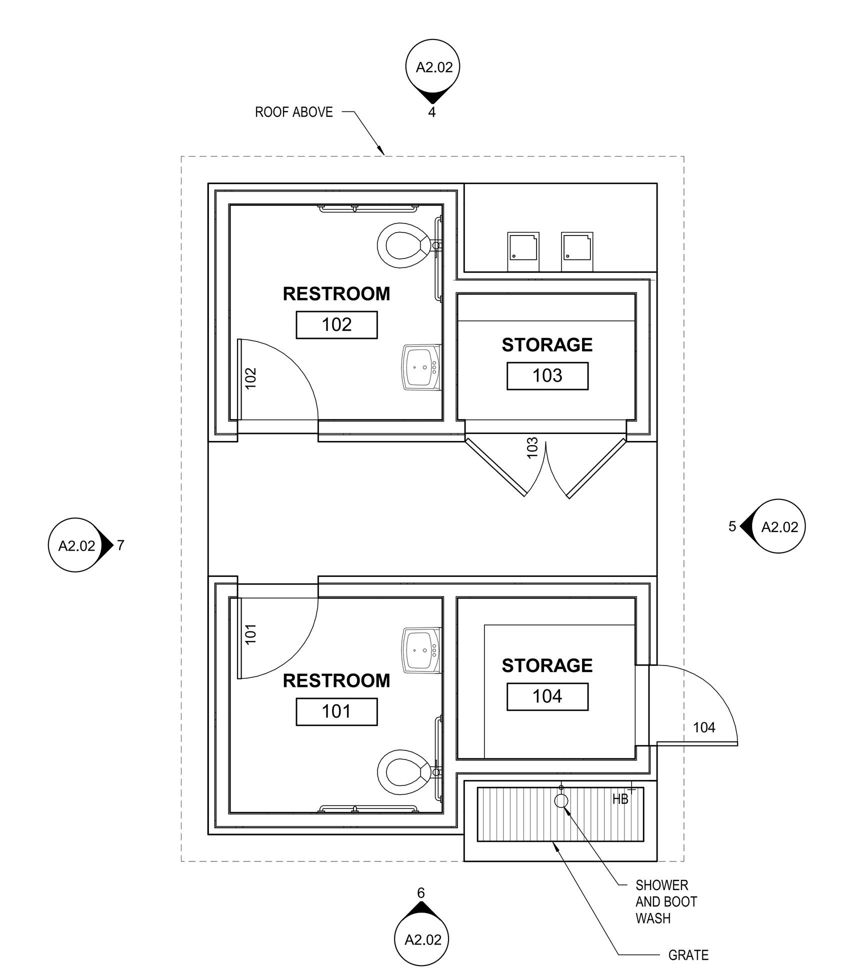

1 A2.02 BATHROOM FLOOR PLANS
SCALE: 1/4" = 1'-0"

BUILDING PLAN NOTES

1. ALL DIMENSIONS AND GRIDS ARE TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS OTHERWISE NOTED.

ROOF PLAN NOTES

1. SEE LOWER FLOOR PLANS FOR BUILDING DIMENSIONS.

ELEVATION NOTES

1. SEE BUILDING FLOOR PLANS FOR WINDOW AND DOOR TAGS AND ACTIVE PANELS
2. SIDING TYPE, REVEALS & BUILDING COLORS SHALL RAP AROUND CORNERS INTO RECESSED AREAS UNLESS OTHERWISE NOTED.

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ST. HELENS RIVERWALK
St. Helens, Oregon

Project Manager: Steve Ewoldt

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SHEET TITLE
BATHROOM PLANS AND ELEVATIONS

SHEET NUMBER
A2.02

0' 2' 4' 8'

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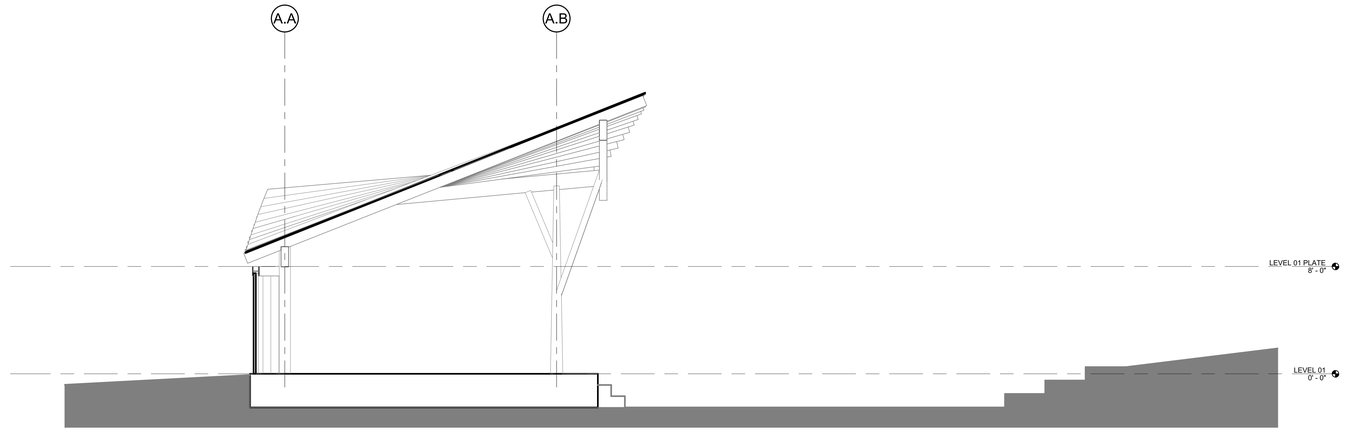

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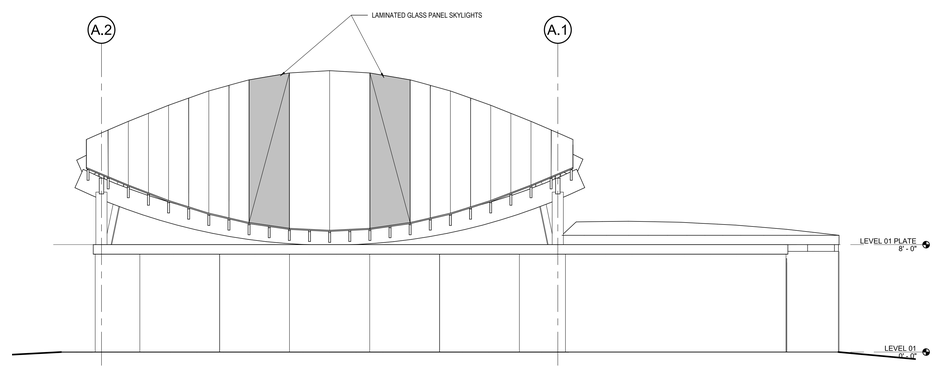

4 A3.01 STAGE - NORTH
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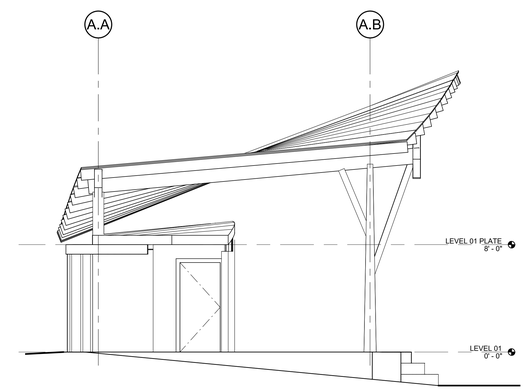

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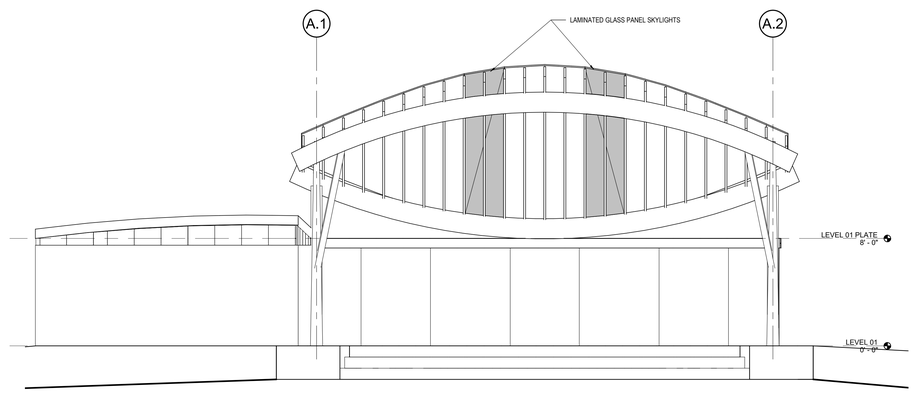

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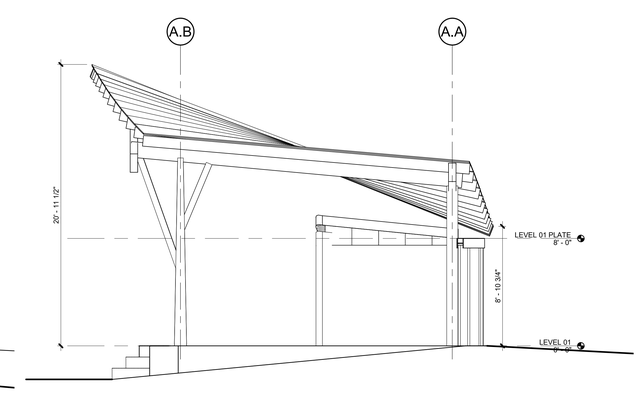

1 A3.01 STAGE - EAST
SCALE: 1/4" = 1'-0"

ELEVATION NOTES

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ELEVATION LEGEND

KEYNOTE LEGEND

0' 2' 4' 8'

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