TOLAY LAKE GATHERING AREA

SONOMA COUNTY, CA

BID ADDENDUM 2 | JULY 22, 2025

CONSULTANTS

LANDSCAPE ARCHITECTURE:
RESTORATION DESIGN GROUP, INC.
ERIK STROMBERG
800 HEARST AVE
BERKELEY, CA 94710
(510) 644-2798

ARCHITECTURE AND STRUCTURAL ENGINEERING:
WARE ASSOCIATES, INC.
JOHN WARE, PRINCIPAL
440 GRAND AVENUE, SUITE 250
OAKLAND, CA 94610
(510) 922-9888

CLIENT

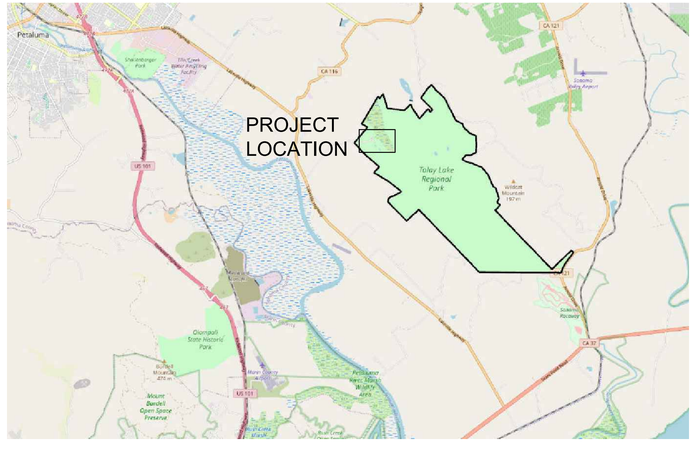
SONOMA COUNTY REGIONAL PARKS:
KAREN DAVIS-BROWN, REGIONAL PARK PLANNER II
2300 COUNTY CENTER DRIVE, SUITE 120A
SANTA ROSA, CA 95403
(707) 565-1359

ABBREVIATIONS

CLR	CLEAR
C	CENTERLINE
(E)	EXISTING
FG	FINISH GRADE
FL	FLOW LINE
FS	FINISH SURFACE
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
L.O.W.	LIMIT OF WORK
MM	MEET AND MATCH
N.I.C.	NOT IN CONTRACT
OC	ON CENTER
O.R.	OWNER'S REPRESENTATIVE
PA	PLANTING AREA
PP	PRESERVE AND PROTECT
RB	RIGHT BANK
R.O.W	RIGHT-OF-WAY
S.L.A.D	SEE LANDSCAPE ARCHITECT DRAWINGS
S.S.D.	SEE STRUCTURAL DETAILS
TBD	TO BE DETERMINED
TW	TOP OF WALL
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED

SHEET LIST TABLE

PROJECT LOCATION



811
CALL BEFORE YOU DIG
2 WORKING DAYS
BEFORE YOU DIG CALL USA
TOLL FREE 811

REVISIONS	
DATE	DESCRIPTION
9/12/25	⚠ BID ADD. 1
9/26/25	⚠ BID ADD. 2

PROJECT TITLE
TOLAY LAKE GATHERING AREA
PHASE 2 SHADE STRUCTURE

SHEET TITLE
COVER

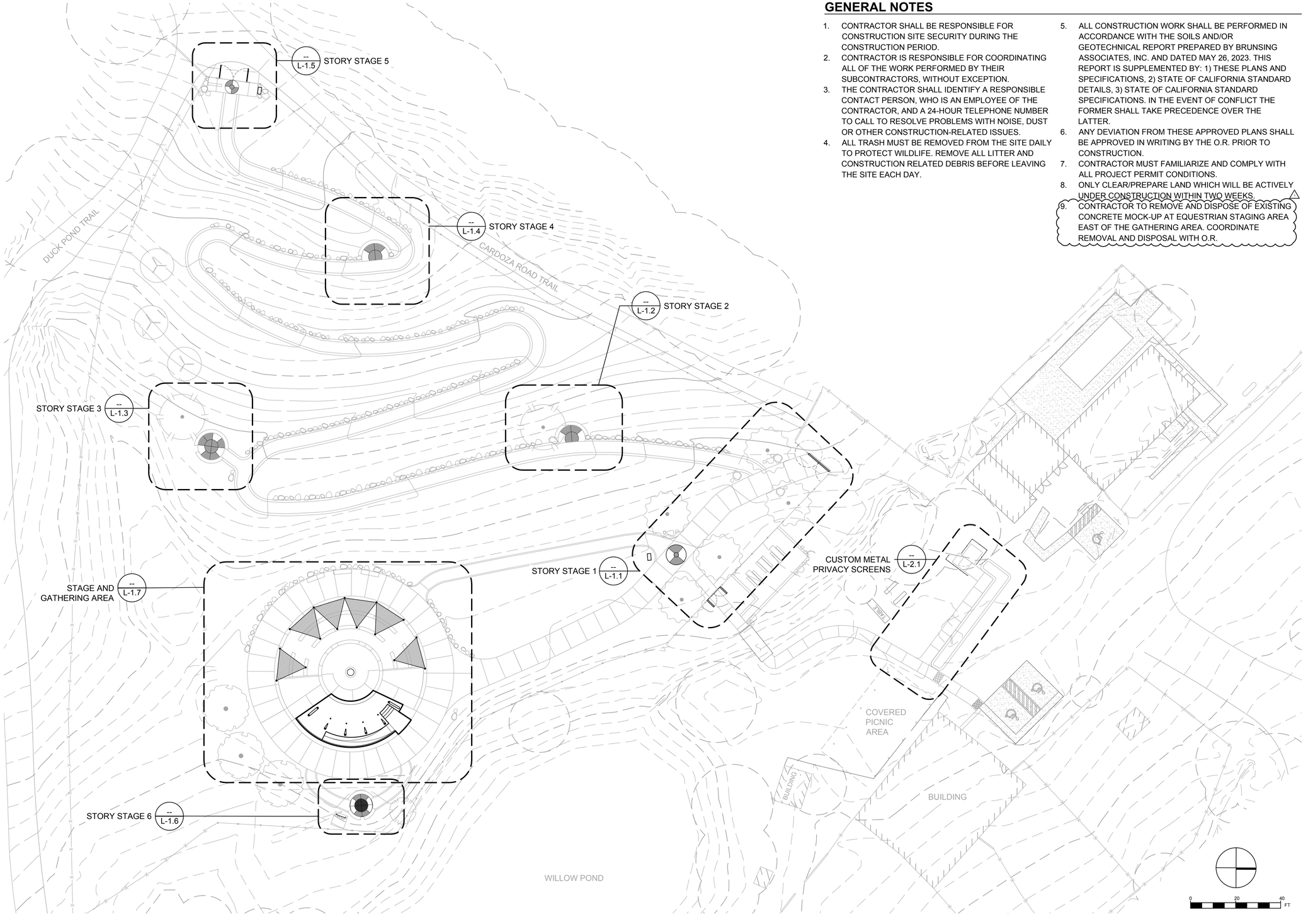
DESIGN SUBMITTAL
BID ADDENDUM 2

RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT
ERIK STROMBERG
6939
09/12/25
STATE OF CALIFORNIA

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	NTS
DATE	JULY 22, 2025
SHEET	T-1

PLOTTED ON: 9/26/2025
C:\USERS\HANSEN\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\TOLAY LAKE GATHERING AREA\04 AUTOCAD\WORKING DRAWINGS\SHEET FILES\TLAK-LS-COVER.DWG



GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SITE SECURITY DURING THE CONSTRUCTION PERIOD.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL OF THE WORK PERFORMED BY THEIR SUBCONTRACTORS, WITHOUT EXCEPTION.
3. THE CONTRACTOR SHALL IDENTIFY A RESPONSIBLE CONTACT PERSON, WHO IS AN EMPLOYEE OF THE CONTRACTOR, AND A 24-HOUR TELEPHONE NUMBER TO CALL TO RESOLVE PROBLEMS WITH NOISE, DUST OR OTHER CONSTRUCTION-RELATED ISSUES.
4. ALL TRASH MUST BE REMOVED FROM THE SITE DAILY TO PROTECT WILDLIFE. REMOVE ALL LITTER AND CONSTRUCTION RELATED DEBRIS BEFORE LEAVING THE SITE EACH DAY.
5. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY BRUNSING ASSOCIATES, INC. AND DATED MAY 26, 2023. THIS REPORT IS SUPPLEMENTED BY: 1) THESE PLANS AND SPECIFICATIONS, 2) STATE OF CALIFORNIA STANDARD DETAILS, 3) STATE OF CALIFORNIA STANDARD SPECIFICATIONS. IN THE EVENT OF CONFLICT THE FORMER SHALL TAKE PRECEDENCE OVER THE LATTER.
6. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE APPROVED IN WRITING BY THE O.R. PRIOR TO CONSTRUCTION.
7. CONTRACTOR MUST FAMILIARIZE AND COMPLY WITH ALL PROJECT PERMIT CONDITIONS.
8. ONLY CLEAR/PREPARE LAND WHICH WILL BE ACTIVELY UNDER CONSTRUCTION WITHIN TWO WEEKS.
9. CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING CONCRETE MOCK-UP AT EQUESTRIAN STAGING AREA EAST OF THE GATHERING AREA. COORDINATE REMOVAL AND DISPOSAL WITH O.R.

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE

TOLAY LAKE GATHERING AREA

PHASE 2 SHADE STRUCTURE

DESIGN SUBMITTAL

BID ADDENDUM 1

SHEET TITLE

OVERVIEW

RDG

Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT
ERIK STROMBERG #5938
STATE OF CALIFORNIA
12/31/26
09/12/25
DATE

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	1" = 20'-0"
DATE	JULY 22, 2025
SHEET	L-1.0

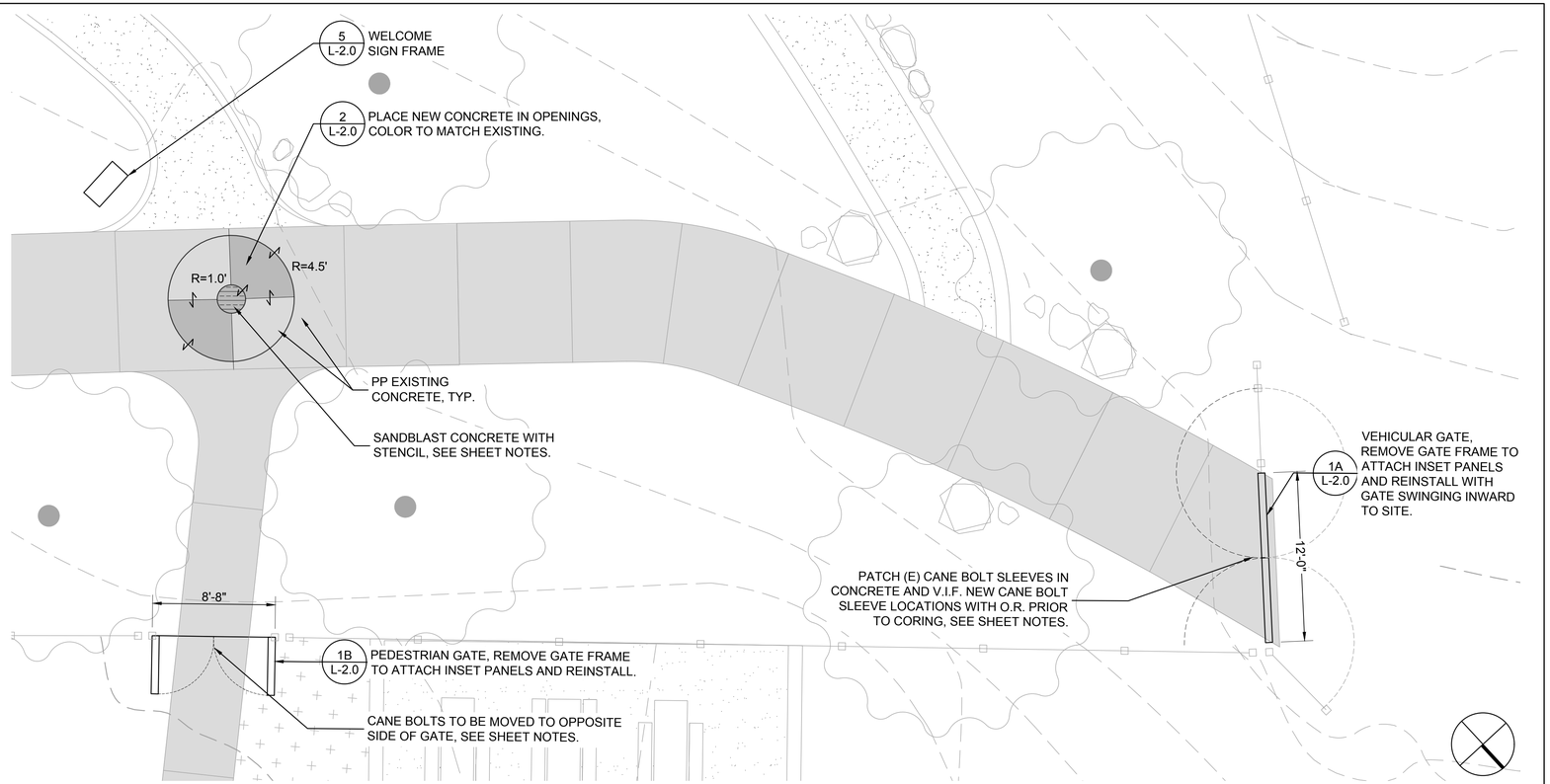
C:\USERS\HANSEN\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\TOLAY LAKE GATHERING AREA\04 AUTOCAD\WORKING DRAWINGS\SHEETS\TLAK-PH2-LS-OVRVW.DWG PLOTTED ON: 9/12/2025

SHEET NOTES

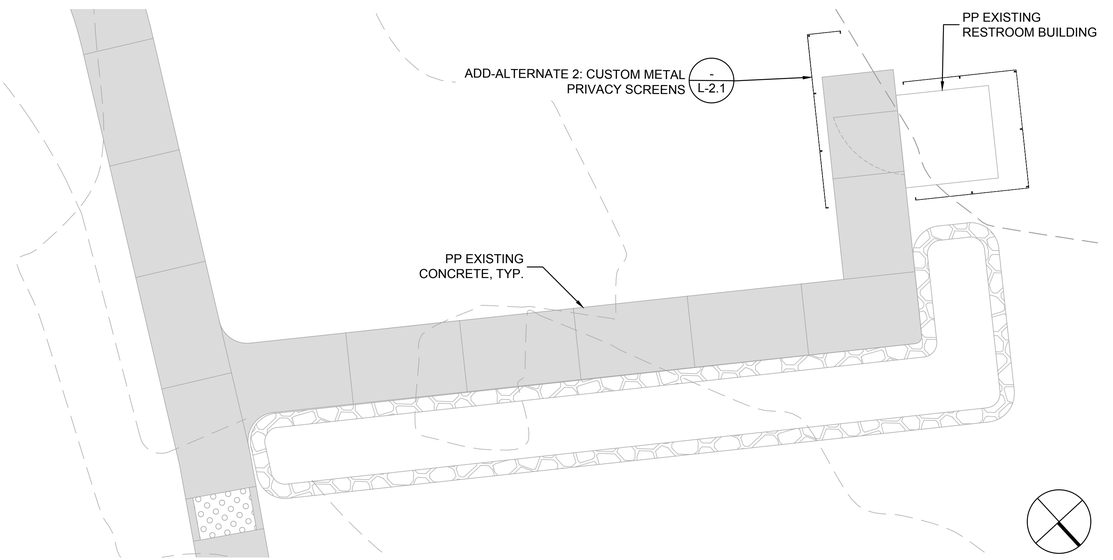
1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.
5. WHERE SANDBLASTED ARTWORK IS INDICATED IN PLAN, ARTWORK FILES FOR SANDBLASTING STENCILS WILL BE PROVIDED BY DESIGN TEAM. CONTRACTOR SHALL PROCURE STENCILS IN COORDINATION WITH O.R. AND DESIGN TEAM. CONTRACTOR SHALL PREPARE STENCIL LAYOUT FOR O.R. REVIEW AND APPROVAL PRIOR TO SANDBLASTING CONCRETE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. CANE BOLTS AT PEDESTRIAN GATES TO BE REMOVED AND RE-ATTACHED TO OPPOSITE SIDE OF GATE FRAMES, TYP. PATCH (E) OPENINGS WHERE CANE BOLT SLEEVES EXIST IN CONCRETE. ENSURE CONCRETE USED FOR PATCH MATCHES PAVEMENT COLOR, TYP. CORE CONCRETE FOR (2) NEW SLEEVES TO RECEIVE CANE BOLTS ON OPPOSITE SIDE OF GATE. V.I.F. FINAL LOCATION WITH O.R. PRIOR TO CORING AND COORDINATE WITH GATE PANEL FABRICATOR TO ENSURE SLEEVES ARE PLACED APPROPRIATELY TO RECEIVE CANE BOLTS ONCE GATES ARE REINSTALLED.
7. VEHICULAR GATE AND HINGES TO BE REINSTALLED WITH GATE SWING INWARD TO PROJECT SITE. PATCH CONCRETE AT (E) CANE BOLT SLEEVE LOCATIONS. CONCRETE COLOR AND FINISH TO MATCH (E) PAVEMENT, TYP. CORE CONCRETE FOR (2) NEW SLEEVES TO RECEIVE CANE BOLTS. V.I.F. FINAL LOCATIONS OF SLEEVES WITH O.R. PRIOR TO CORING AND COORDINATE WITH GATE PANEL FABRICATOR TO ENSURE SLEEVES ARE PLACED APPROPRIATELY TO RECEIVE CANE BOLTS ONCE GATES ARE REINSTALLED.

LEGEND

- (E) MAJOR CONTOUR
- (E) MINOR CONTOUR
- FLUSH
- CONCRETE PAVING, NEW (2 / L-2.0)
- (E) CONCRETE PAVING, PROTECT IN PLACE
- (E) DECOMPOSED GRANITE PAVING
- SANDBLASTED CONCRETE, SEE SHEET NOTES (3 / L-2.0)



1 STORY STAGE 1 & LOWER ENTRY PLAN
SCALE: 1" = 5'-0"



2 LOWER ENTRY & ACCESSIBLE TOILET
SCALE: 1" = 5'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE
TOLAY LAKE GATHERING AREA
PHASE 2 SHADE STRUCTURE

SHEET TITLE
STORY STAGE 1

DESIGN SUBMITTAL
BID ADDENDUM 1

RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ERIK STROMBERG 4938 STATE OF CALIFORNIA
09/12/25
DATE

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-1.1

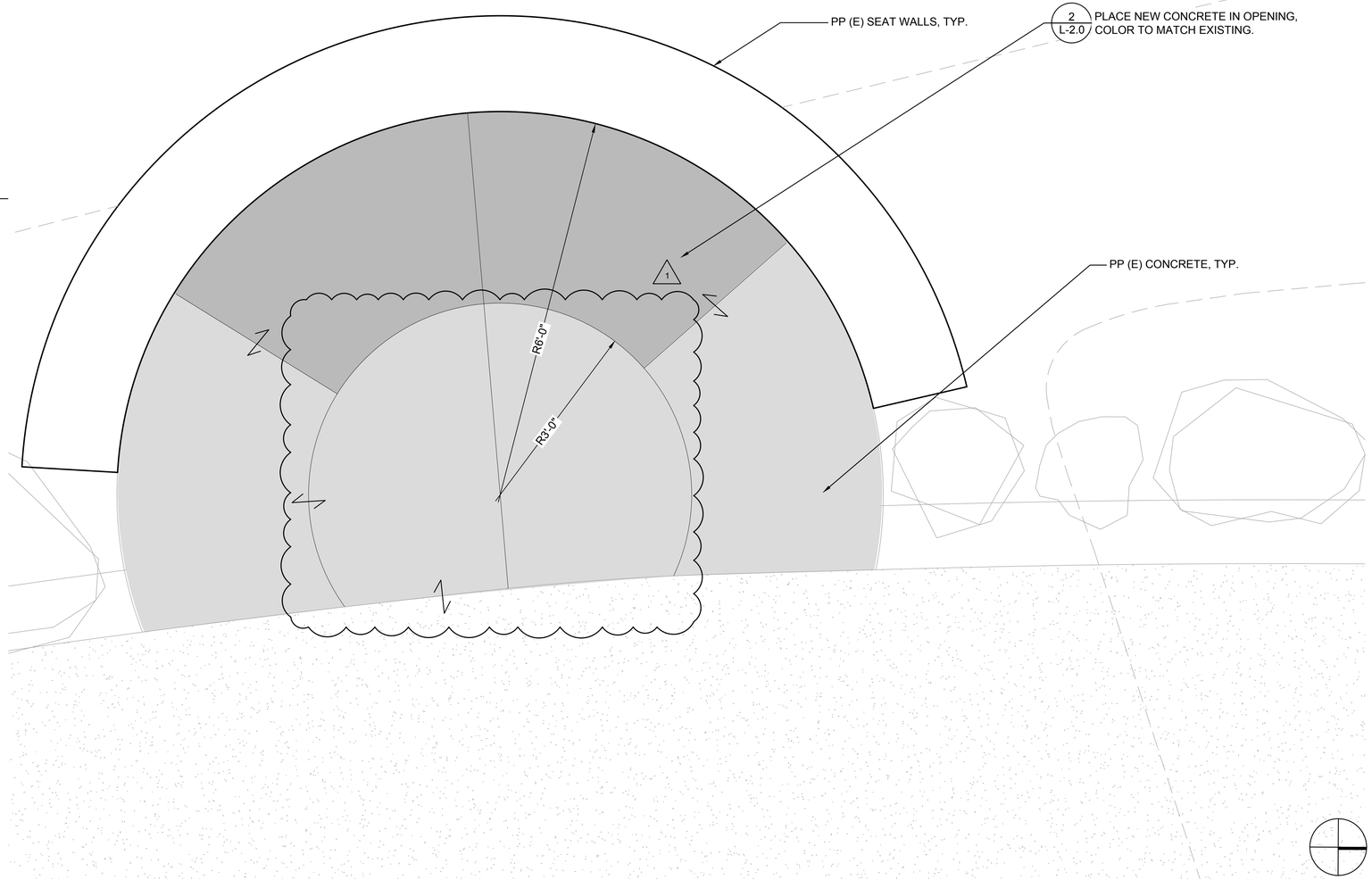
C:\USERS\HANSEN\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\TOLAY LAKE GATHERING AREA\04 AUTOCAD\WORKING DRAWINGS\SHEETS\TLAK-PH2-LS-STORY STAGES.DWG PLOTTED ON: 9/12/2025

SHEET NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.

LEGEND

- (E) MAJOR CONTOUR
- (E) MINOR CONTOUR
- FLUSH
- CONCRETE PAVING, NEW (2 / L-2.0)
- (E) CONCRETE PAVING, PROTECT IN PLACE
- (E) DECOMPOSED GRANITE PAVING



1 STORY STAGE 2 PLAN

SCALE: 1" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE

TOLAY LAKE GATHERING AREA

PHASE 2 SHADE STRUCTURE

DESIGN SUBMITTAL

BID ADDENDUM 1

SHEET TITLE

STORY STAGE 2

RDG

Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ★ 6536 ★ ERIK STROMBERG ★ STATE OF CALIFORNIA

SIGNATURE 09/12/25 DATE

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-1.2

SHEET NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.

LEGEND

(E) MAJOR CONTOUR

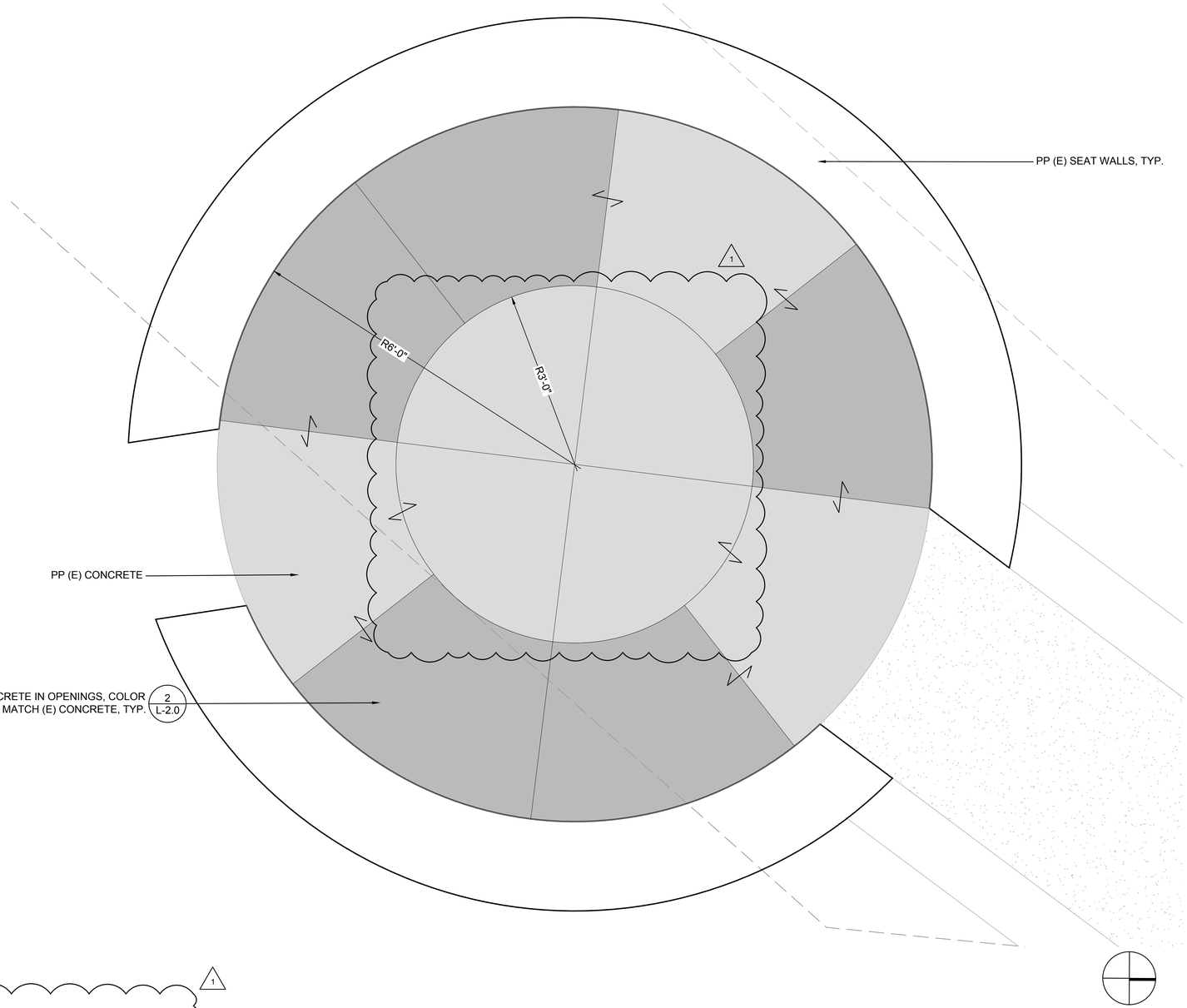
(E) MINOR CONTOUR

FLUSH

CONCRETE PAVING, NEW (2 / L-2.0)

(E) CONCRETE PAVING, PROTECT IN PLACE

(E) DECOMPOSED GRANITE PAVING



1 STORY STAGE 3 PLAN

SCALE: 1" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE

TOLAY LAKE GATHERING AREA

PHASE 2 SHADE STRUCTURE

SHEET TITLE

STORY STAGE 3

DESIGN SUBMITTAL

BID ADDENDUM 1

RDG

Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ★ ERIK STROMBERG ★ 5656 ★ STATE OF CALIFORNIA

12/31/26
RENEWAL DATE

09/12/25
DATE

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-1.3

SHEET NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.

LEGEND

(E) MAJOR CONTOUR

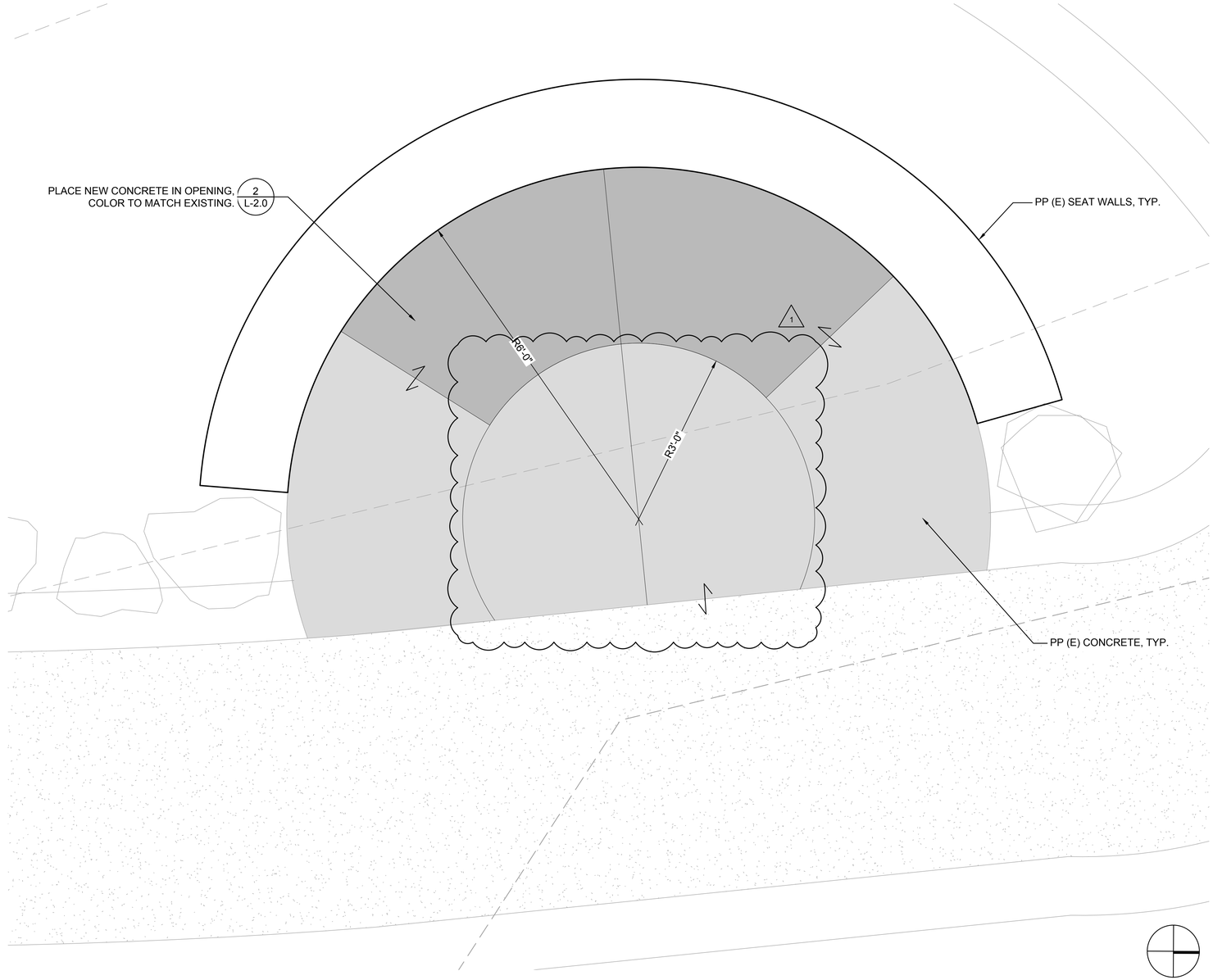
(E) MINOR CONTOUR

FLUSH

CONCRETE PAVING, NEW (2 / L-2.0)

(E) CONCRETE PAVING, PROTECT IN PLACE

(E) DECOMPOSED GRANITE PAVING



1 STORY STAGE 4 PLAN

SCALE: 1" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE

TOLAY LAKE GATHERING AREA

PHASE 2 SHADE STRUCTURE

SHEET TITLE

STORY STAGE 4

DESIGN SUBMITTAL

BID ADDENDUM 1

RDG

Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT 5595 ★ ERIK STROMBERG ★ STATE OF CALIFORNIA

SIGNATURE 12/31/26 RENEWAL DATE 09/12/25 DATE

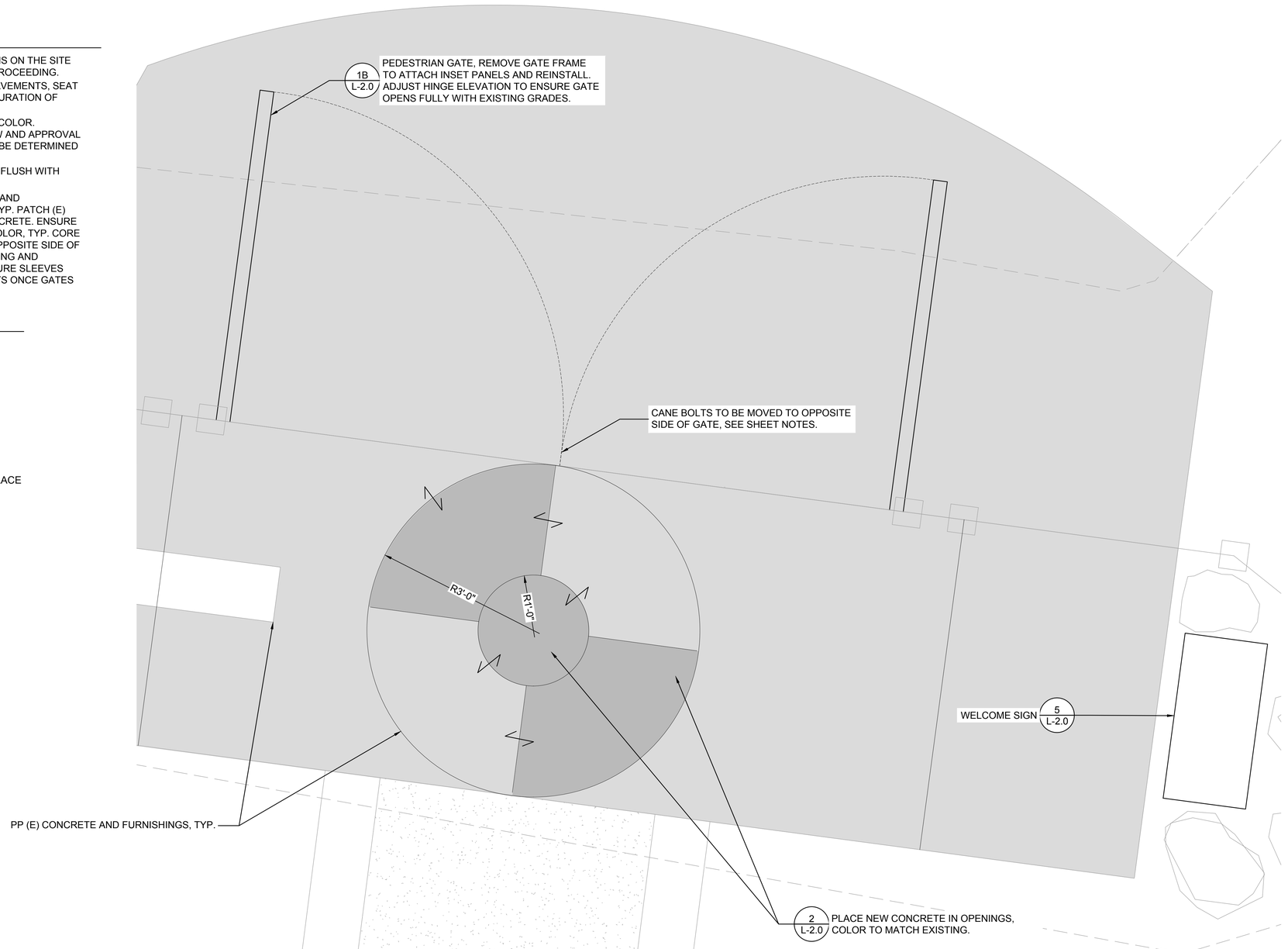
DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-1.4

SHEET NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.
5. CANE BOLTS AT PEDESTRIAN GATES TO BE REMOVED AND RE-ATTACHED TO OPPOSITE SIDE OF GATE FRAMES, TYP. PATCH (E) OPENINGS WHERE CANE BOLT SLEEVES EXIST IN CONCRETE. ENSURE CONCRETE USED FOR PATCH MATCHES PAVEMENT COLOR, TYP. CORE FOR (2) NEW SLEEVES TO RECEIVE CANE BOLTS ON OPPOSITE SIDE OF GATE. V.I.F. FINAL LOCATION WITH O.R. PRIOR TO CORING AND COORDINATE WITH GATE PANEL FABRICATOR TO ENSURE SLEEVES ARE PLACED APPROPRIATELY TO RECEIVE CANE BOLTS ONCE GATES ARE REINSTALLED.

LEGEND

- (E) MAJOR CONTOUR
- (E) MINOR CONTOUR
- FLUSH
- CONCRETE PAVING, NEW (2 / L-2.0)
- (E) CONCRETE PAVING, PROTECT IN PLACE
- (E) DECOMPOSED GRANITE PAVING



1 UPPER ENTRY & STORY STAGE 5 PLAN
SCALE: 1" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE
TOLAY LAKE GATHERING AREA
PHASE 2 SHADE STRUCTURE

SHEET TITLE
STORY STAGE 5

DESIGN SUBMITTAL
BID ADDENDUM 1

RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT
ERIK STROMBERG
No. 6357
STATE OF CALIFORNIA
09/12/25
DATE

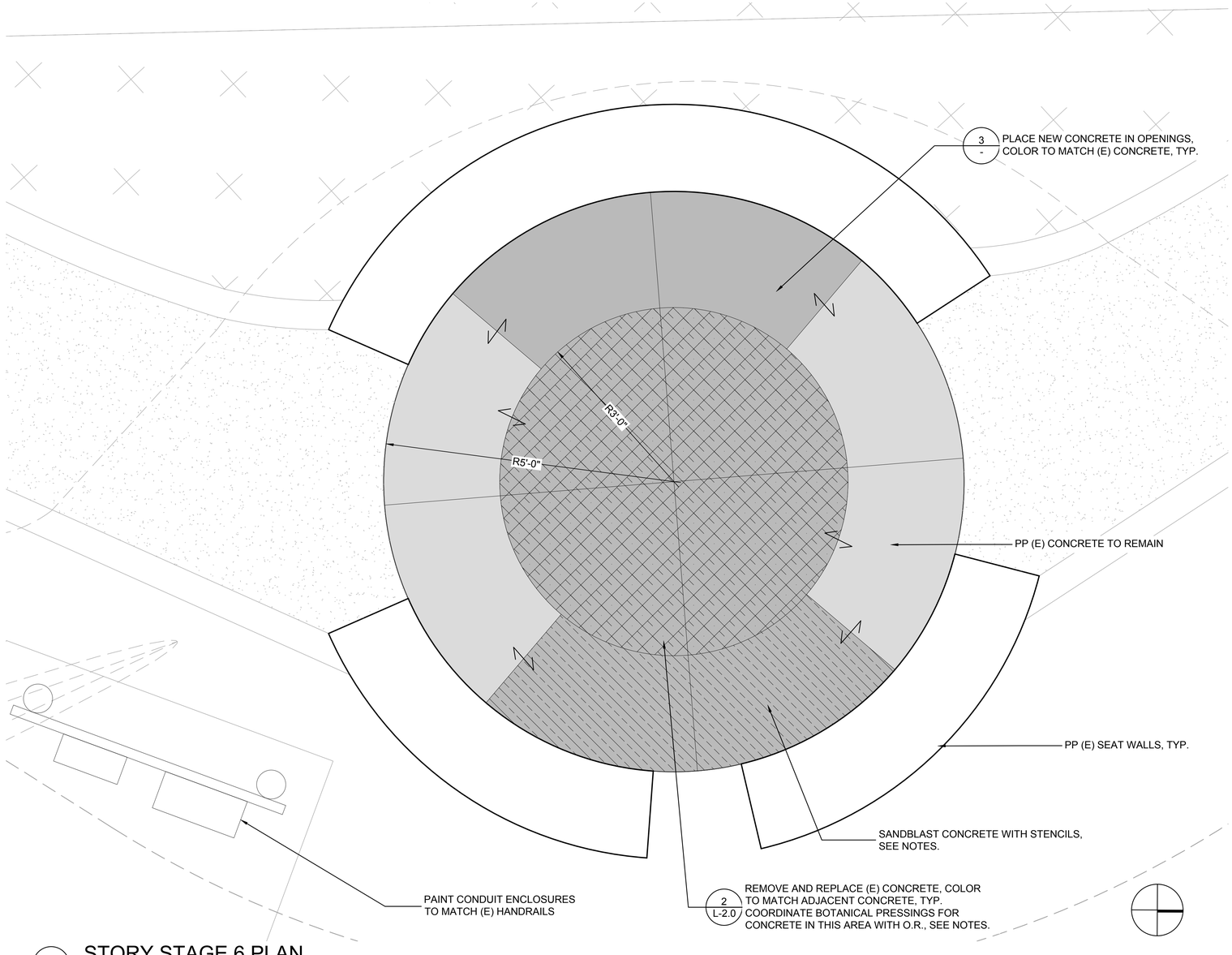
DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-1.5

SHEET NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.
5. WHERE SANDBLASTED ARTWORK IS INDICATED IN PLAN, ARTWORK FILES FOR SANDBLASTING STENCILS WILL BE PROVIDED BY DESIGN TEAM. CONTRACTOR SHALL PROCURE STENCILS IN COORDINATION WITH O.R. AND DESIGN TEAM. CONTRACTOR SHALL PREPARE STENCIL LAYOUT FOR O.R. REVIEW AND APPROVAL PRIOR TO SANDBLASTING CONCRETE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. WHERE NOTED TO COORDINATE BOTANICAL PRESSINGS IN PLAN, CONTRACTOR TO SCHEDULE CONCRETE PLACEMENT WITH O.R. APPROVAL. PROVIDE A MINIMUM 2-WEEK NOTICE TO O.R. PRIOR TO CONCRETE PLACEMENT.

LEGEND

- (E) MAJOR CONTOUR
- (E) MINOR CONTOUR
- FLUSH
- EXISTING CONCRETE, REMOVE AND REPLACE (2 / L-2.0)
- CONCRETE PAVING, NEW (2 / L-2.0)
- (E) CONCRETE PAVING, PROTECT IN PLACE
- (E) DECOMPOSED GRANITE PAVING
- BOTANICAL PRESSINGS IN CONCRETE, SEE SHEET NOTES
- SANDBLASTED CONCRETE, SEE SHEET NOTES (3 / L-2.0)



1 STORY STAGE 6 PLAN
SCALE: 1" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1

PROJECT TITLE
TOLAY LAKE GATHERING AREA
PHASE 2 SHADE STRUCTURE

SHEET TITLE
STORY STAGE 6

DESIGN SUBMITTAL
BID ADDENDUM 1

RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ERIK STROMBERG 6936 STATE OF CALIFORNIA
09/12/25

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-1.6

LEGEND

(E) MAJOR CONTOUR

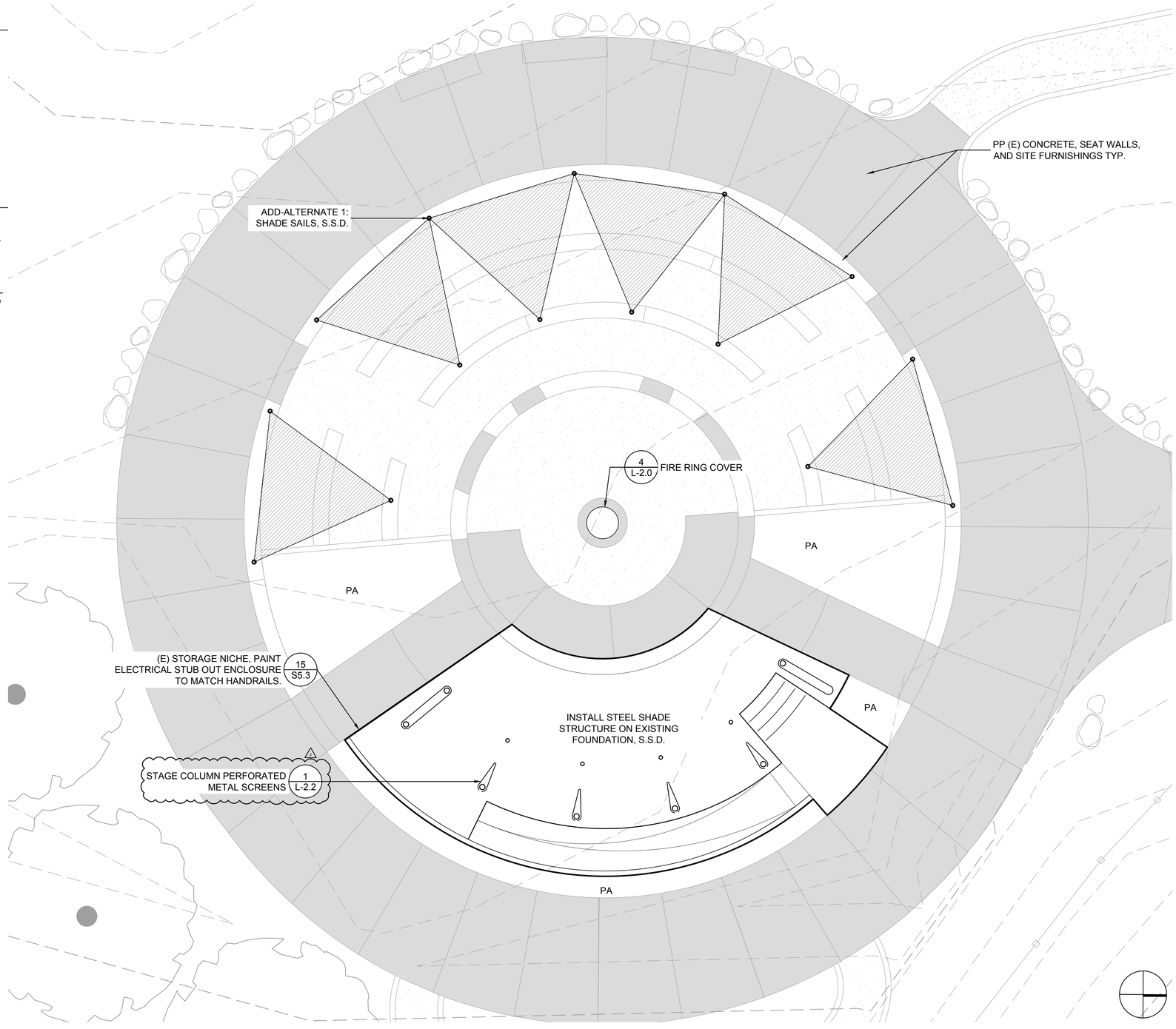
(E) MINOR CONTOUR

(E) CONCRETE PAVING, PROTECT IN PLACE

(E) DECOMPOSED GRANITE PAVING

SHEET NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PAVEMENTS, SEAT WALLS, PLANTING, AND SITE FURNISHINGS FOR THE DURATION OF WORK, UNLESS OTHERWISE NOTED.
3. ALL NEW CONCRETE TO MATCH EXISTING CONCRETE COLOR. CONTRACTOR TO PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. CONCRETE FINISH TO BE DETERMINED DURING MOCK-UP REVIEW.
4. ALL NEW CONCRETE PAVING FINISH SURFACES TO BE FLUSH WITH EXISTING PAVEMENT SURFACES.



1 STAGE AND GATHERING AREA PLAN

SCALE: 1" = 5'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1
9/26/25	2 BID ADD. 2

PROJECT TITLE

TOLAY LAKE GATHERING AREA

PHASE 2 SHADE STRUCTURE

SHEET TITLE

STAGE AND GATHERING AREA

DESIGN SUBMITTAL

BID ADDENDUM 2

RDG

Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ERIK STROMBERG 5318 STATE OF CALIFORNIA

12/31/26 RENEWAL DATE

09/12/25 DATE

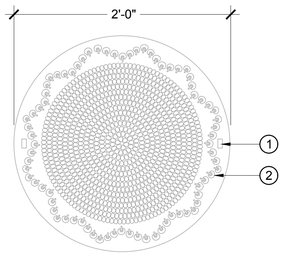
DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	1" = 5'-0"
DATE	JULY 22, 2025
SHEET	L-1.7

C:\USERS\HANSEN\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\TOLAY LAKE GATHERING AREA\04 AUTOCADWORKING DRAWINGS\SHEETS\TLAK-PH2-LS-AMPHITHEATER.DWG PLOTTED ON: 9/26/2025

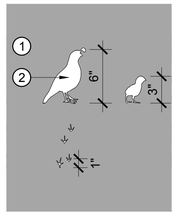
1. CONCRETE, SMOOTH TROWEL FINISH
2. CONCRETE, SANDBLASTED

NOTES:

1. CONTRACTOR TO PROCURE STENCILS FOR SANDBLASTING. ARTWORK FOR STENCILS TO BE PROVIDED BY DESIGN TEAM.
2. DESIGN TEAM TO PROVIDE LAYOUT FOR STENCILS ON CONCRETE. O.R. TO REVIEW AND APPROVE LAYOUT IN FIELD PRIOR TO SANDBLASTING.



STORY STAGE 1

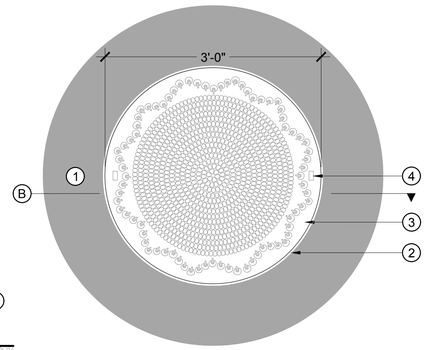


STORY STAGE 6

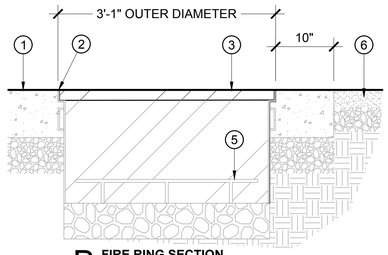
3 SANDBLASTED CONCRETE

SCALE: 1-1/2" = 1'-0"

1. (E) CONCRETE COLLAR
2. (E) 36" ROUND, 19" DEEP FRAME AND SKIRT TO RECEIVE FIRE RING COVER
3. CUSTOM LASER-CUT METAL FIRE RING COVER PLACED IN EXISTING FRAME. ARTWORK FILES SUPPLIED BY DESIGN TEAM.
4. PICK HOLES (2)
5. (E) STEEL FIRE PIT GRATE
6. (E) AGGREGATE PAVING



A FIRE RING PLAN
SCALE: 1" = 1'-0"

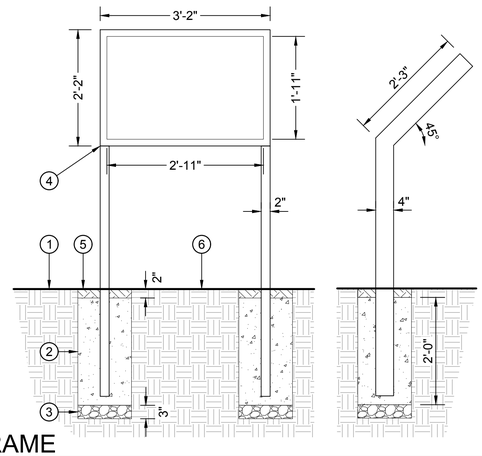


B FIRE RING SECTION
SCALE: 1" = 1'-0"

4 FIRE RING COVER

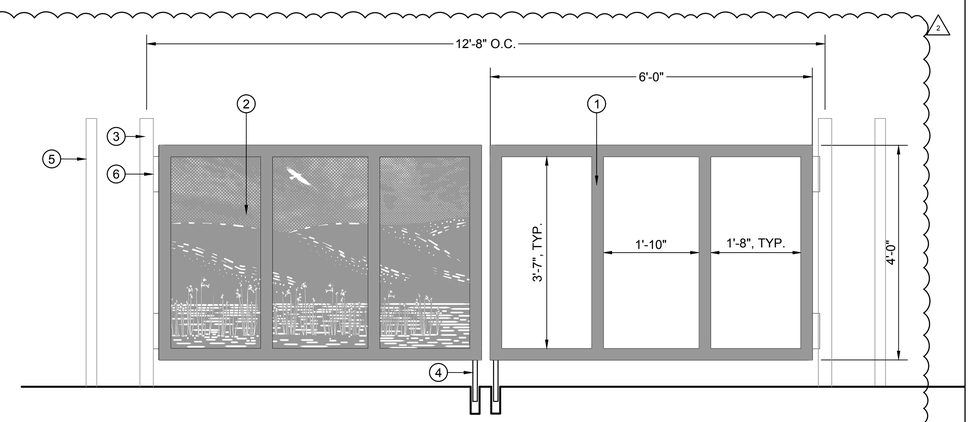
SCALE: 1" = 1'-0"

1. EXISTING GRADE
2. CONCRETE FOOTING
3. CLASS II AB
4. NPS STANDARD ALUMINUM CANTILEVER SIGN FRAME, TEXTURED POLYURETHANE PAINT FINISH
5. NATIVE SOIL BACKFILL
6. SUBGRADE



5 WELCOME SIGN FRAME

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

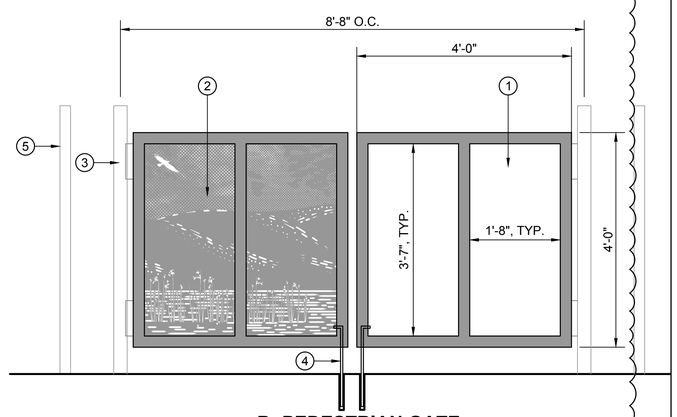


A: VEHICULAR GATE

1. (E) GALVANIZED STEEL GATE, 2 ½ " SQUARE TUBE STEEL, REMOVED TO ATTACH LASER-CUT METAL PANELS AND REINSTALLED.
2. CUSTOM LASER-CUT METAL PANELS, ARTWORK FILE SUPPLIED BY DESIGN TEAM. MAXIMUM OPENING SIZE 3/8". ATTACHMENT TO GATE FRAME TO BE DETAILED BY FABRICATOR.
3. (E) GATE POST, PP.
4. CANE BOLT LATCHES, PP. WHERE INDICATED IN PLAN, PATCH EXISTING OPENINGS IN CONCRETE. VERIFY NEW LOCATIONS FOR CANE BOLTS IN FIELD WITH O.R. PRIOR TO CORING.
5. (E) PERIMETER FENCE POST, PP.
6. (E) GATE HINGES TO BE SALVAGED AND REINSTALLED. FOR VEHICULAR GATE, REINSTALL WITH HINGES ON OPPOSITE SIDE OF POST TO ALLOW GATES TO SWING INWARD INTO THE SITE.

NOTES:

1. ARTWORK SHOWN IN THIS DETAIL IS FOR REFERENCE ONLY. FOR GRAPHIC CLARITY AND PANEL DIMENSIONING, ARTWORK IN THIS DETAIL IS NOT SHOWN ON ALL PANELS. NOTE THAT ALL GATE PANELS ARE TO BE LASER-CUT WITH ARTWORK PROVIDED BY DESIGN TEAM (4 PANELS FOR PEDESTRIAN GATES, 6 PANELS FOR VEHICULAR GATE).



B: PEDESTRIAN GATE

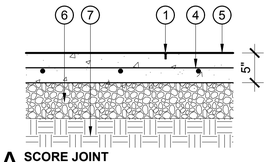
1 CUSTOM METAL GATES

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

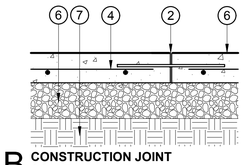
1. SCORE JOINT, 1" DEEP, 3/16" TO 1/4" WIDE, 1/8" RADIUS PER PLANS, COUNTY STANDARDS, OR O.R. DIRECTION.
2. CONSTRUCTION JOINT WITH 18" LONG, 5/8" DIAMETER SMOOTH, GALVANIZED STEEL DOWEL AT MID-DEPTH OF SLAB. INSTALL DOWELS AT 36" O.C. MAXIMUM SPACING.
3. PRE-MOLDED EXPANSION JOINT FILLER WITH JOINT SEALANT TO PROTECT FILLER (25' MAX. SPACING ALONG PATH). 3/8" WIDTH WITH 18" LONG, 5/8" DIAMETER SMOOTH GALVANIZED STEEL DOWEL, 36" O.C. AT MID-DEPTH OF SLAB.
4. #4 REBAR @ 18" O.C. BOTH WAYS AT CENTER OF CONCRETE SLAB. PLACE BAR 3" FROM EDGES AND EACH SIDE OF FORMED JOINTS. PLACE AT MID-DEPTH OF SLAB.
5. CONCRETE PAVING. FINISH PER SPECIFICATIONS AND O.R. DIRECTION.
6. BASE COURSE, COMPACTED CLASS 2 AB, TYP.
7. COMPACTED SUBGRADE

NOTES:

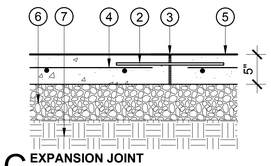
A. CONCRETE COLOR TO MATCH ADJACENT CONCRETE, TYP. PROVIDE MOCK-UP FOR O.R. REVIEW AND APPROVAL.
B. NEW CONCRETE FINISH SURFACE FLUSH WITH (E) CONCRETE PAVING FINISH SURFACE, TYP.



A SCORE JOINT
SCALE: 1" = 1'-0"



B CONSTRUCTION JOINT
SCALE: 1" = 1'-0"



C EXPANSION JOINT
SCALE: 1" = 1'-0"

2 CONCRETE PAVING

SCALE: 1" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1
9/26/25	2 BID ADD. 2

PROJECT TITLE
TOLAY LAKE GATHERING AREA
PHASE 2 SHADE STRUCTURE

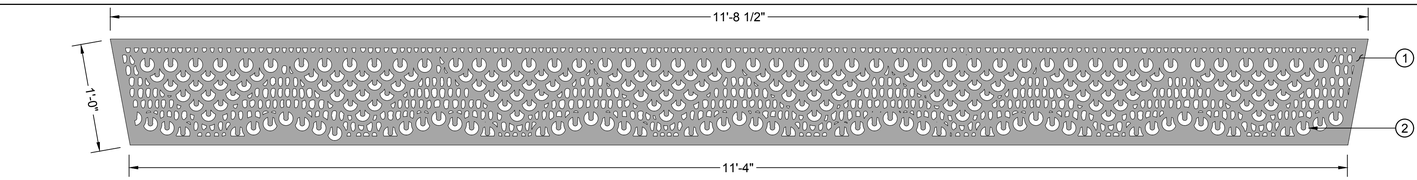
SHEET TITLE
DETAILS

DESIGN SUBMITTAL
BID ADDENDUM 2

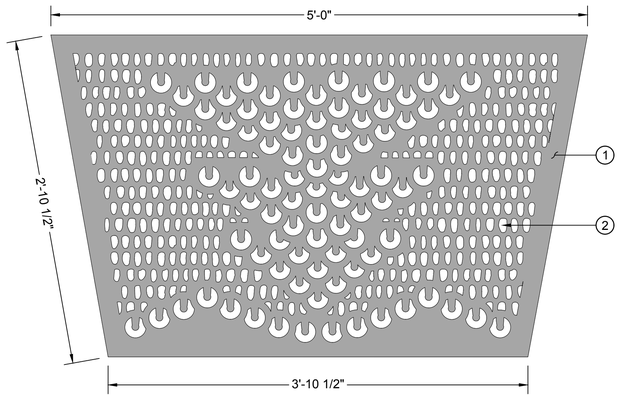
RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ERIK STROMBERG #5938 STATE OF CALIFORNIA
SIGNATURE 09/12/25 DATE

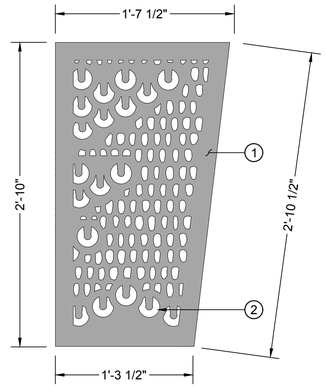
DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-2.0



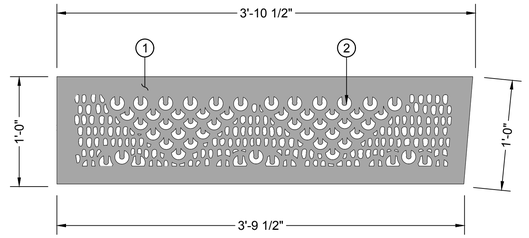
B **PERFORATED PANEL SIZE 2**
SCALE: 3/4" = 1'-0"



A **PERFORATED PANEL SIZE 1**
SCALE: 3/4" = 1'-0"



C **PERFORATED PANEL SIZE 3**
SCALE: 3/4" = 1'-0"



D **PERFORATED PANEL SIZE 4**
SCALE: 3/4" = 1'-0"

① 3/16" ALUMINUM LASER-CUT METAL PANEL, POWDER-COATED

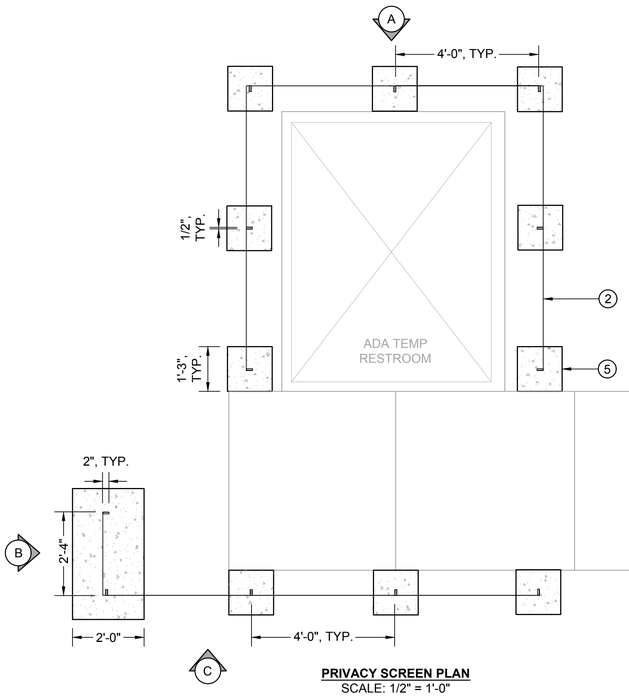
② OPENING IN PANEL, NO SMALLER THAN 3/8", TYP.

NOTES:

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. FINAL DIMENSIONS, CONFIGURATION, AND ATTACHMENT TO SHADE ROOF STRUCTURE BY FABRICATOR.
2. FABRICATOR FOR PERFORATED METAL ROOF PANELS: BOK MODERN.
3. ARTWORK FOR PANELS TO BE SUPPLIED BY DESIGN TEAM.
4. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.
5. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS (05 50 00 METAL FABRICATIONS) FOR ADDITIONAL REQUIREMENTS.

1 STAGE ROOF PERFORATED METAL PANELS

SCALE: 1 1/2" = 1'-0"



PRIVACY SCREEN PLAN
SCALE: 1/2" = 1'-0"

① TAPERED BLADE STEEL BRACKETS, COLOR TO MATCH PANELS.

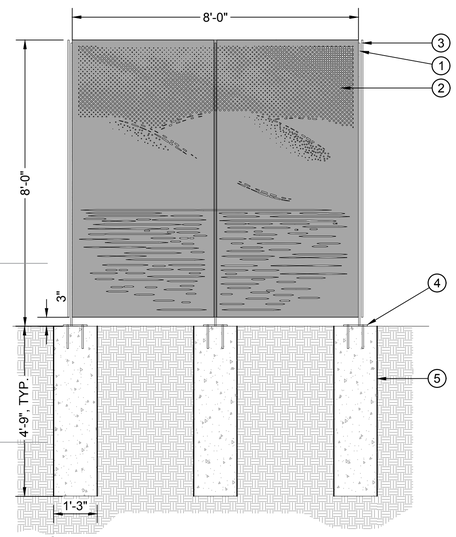
② ALUMINUM LASER-CUT PANELS. ARTWORK FILES FOR PANELS SUPPLIED BY DESIGN TEAM.

③ PANEL TO BRACKET ATTACHMENT ASSEMBLY AND HARDWARE BY MANUFACTURER. NO WELDING REQUIRED.

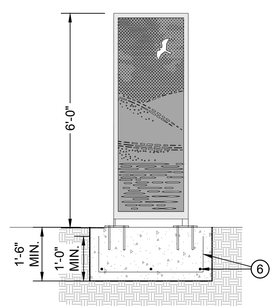
④ BASE PLATE BY MANUFACTURER. PROVIDE (4) 1/2" Ø X 8" TITEN HD, SS ANCHORS.

⑤ CONCRETE FOOTING, TOP SLOPED TO DRAIN, TYP. (3) #4 HOOKED BARS, EACH WAY, 3" CLEARANCE FROM EDGE OF CONCRETE, TYP.

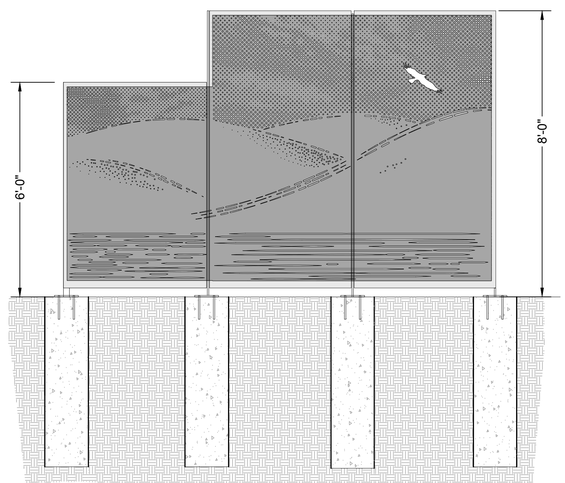
⑥ DOUBLE FLANGE FOR CORNER BUTT JOINT CONNECTION



A **PRIVACY SCREEN ELEVATION**
SCALE: 1/2" = 1'-0"



B **PRIVACY SCREEN ELEVATION**
SCALE: 1/2" = 1'-0"



C **PRIVACY SCREEN ELEVATION**
SCALE: 1/2" = 1'-0"

2 PRIVACY SCREENS - ADD-ALTERNATE 2

SCALE: 1/2" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1
9/26/25	2 BID ADD. 2

PROJECT TITLE
TOLAY LAKE GATHERING AREA
PHASE 2 SHADE STRUCTURE

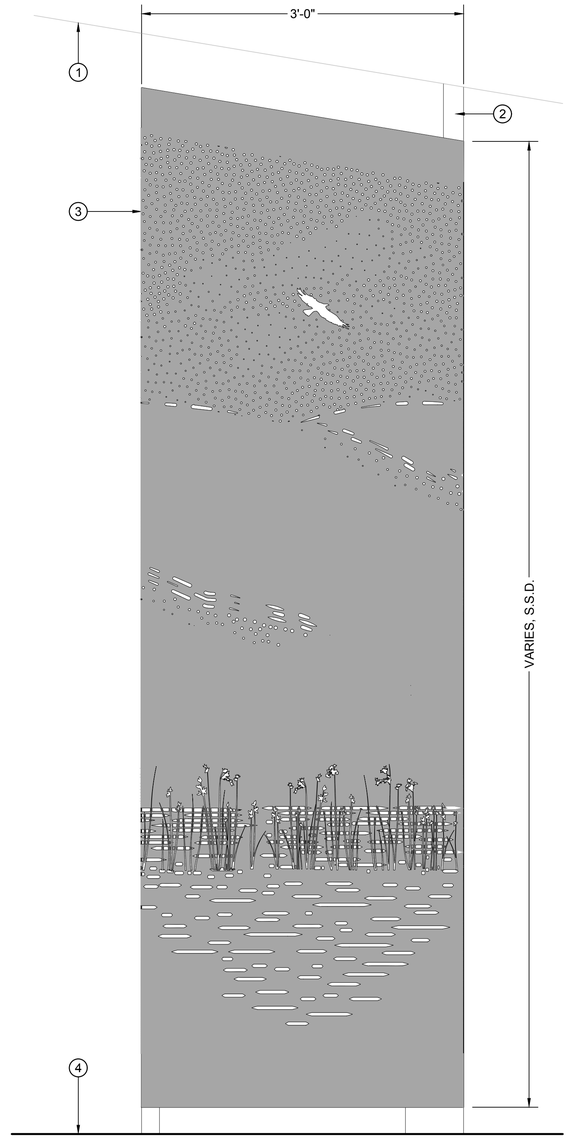
SHEET TITLE
DETAILS

DESIGN SUBMITTAL
BID ADDENDUM 2

RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT
ERIK STROMBERG
6858
STATE OF CALIFORNIA
SIGNATURE
09/12/25
DATE

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-2.1



1. STEEL ROOF STRUCTURE
2. STEEL COLUMN
3. 3/16" ALUMINUM CUSTOM LASER-CUT METAL PANELS, POWDER-COATED. MAXIMUM OPENING SIZE 3/8". DESIGN TEAM TO PROVIDE ARTWORK FILES. ATTACHMENT TO STAGE SUPERSTRUCTURE TO BE DETAILED BY FABRICATOR.
4. FINISH GRADE (STAGE)

NOTES:

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. FINAL DIMENSIONS, CONFIGURATION, AND ATTACHMENT TO SHADE ROOF STRUCTURE BY FABRICATOR.
2. FABRICATOR FOR PERFORATED METAL ROOF PANELS: BOK MODERN.
3. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.
4. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS (05 50 00 METAL FABRICATIONS) FOR ADDITIONAL REQUIREMENTS.
5. ARTWORK SHOWN IN DETAIL FOR REFERENCE ONLY. DESIGN TEAM TO PROVIDE ARTWORK FILES FOR LASER-CUTTING.

1 STAGE COLUMN PERFORATED METAL SCREENS

SCALE: 1-1/2" = 1'-0"

REVISIONS	
DATE	DESCRIPTION
9/12/25	1 BID ADD. 1
9/26/25	2 BID ADD. 2

PROJECT TITLE

TOLAY LAKE GATHERING AREA

PHASE 2 SHADE STRUCTURE

SHEET TITLE

DETAILS

DESIGN SUBMITTAL

BID ADDENDUM 2

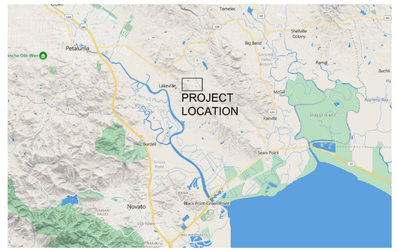
RDG
Restoration Design Group, Inc.
800 Hearst Ave.
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

ERIK STROMBERG #6538 LICENSED LANDSCAPE ARCHITECT STATE OF CALIFORNIA
SIGNATURE
09/12/25
DATE

DESIGN BY	AS
DRAWN BY	HH
CHECKED BY	ES
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	L-2.2

RENDERING - PERSPECTIVE VIEW

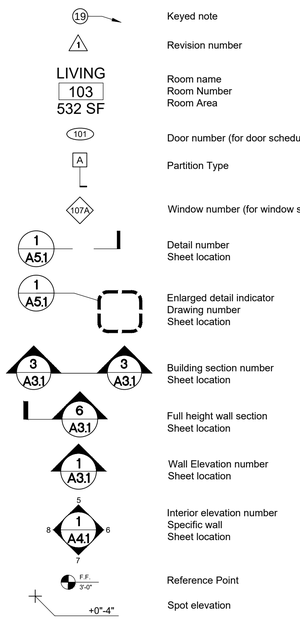
VICINITY MAP



ABBREVIATIONS

# - Size of Reinforcing Bar	E.W. - Each Way	PSF - Pounds per Square Foot
(E) - Existing	ELEV. - Elevation	PSI - Pounds per Square Inch
(N) - New	EXT - Exterior	PTD. - Painted
@ - At (Center To Center spacing)	F.D. - Floor Drain	RBS - Reduced Beam Section
A.B. - Anchor Bolt	F.F. - Finish Floor	R.C.P. - Reflected Ceiling Plan
ABV. - Above	F.G. - Finish Grade	R.D. - Roof Drain
AC - Asphalt Concrete	FIN - Finish	RECMD. - Recommended
ACI - American Concrete Institute	F.N. - Field Nail	REINF. - Reinforcement
ADDNL. - Additional	F.O.C. - Face of Concrete	REQD. - Required
AESS - Architectural Exposed Structure Steel	F.O.F. - Face of Finish	R.O. - Rough Opening
A.F.F. - Above Finish Floor	F.O.S. - Face of Stud or Structure	S.A.D. - See Architectural Drawings
AISC - American Institute of Steel Construction	F.O.W. - Face of Wall	SC - Slip Critical Bolt
	FDN. - Foundation	S.C.D. - See Civil Drawings
AISI - American Iron and Steel Institute	FLR. - Floor	SCHED - Schedule
ALT - Alternate	FRMG. - Framing	S.A.F. - Self Adhered Flashing
ARCH - Architectural	F.S. - Finish Slab	S.E.D. - See Electrical Drawings
ASTM - American Society of Testing and Materials	FSNR. - Fastener	S.F. - Spread Footing
	FTG. - Footing	S.L.A.D. - See Landscape Arch. Drawings
AWS - American Welding Society	G.S.M. - Galvanized Sheet Metal	SLRS - Seismic Load Resisting System
BF - Boundary Fastener	GA - Gauge	S.M.D. - See Mechanical Drawing
B.P. - Base Plate	GALV. - Galvanized	S.M.S. - Sheet Metal Screw
BLDG. - Building	GB - Grade Beam	S.O.G. - Slab On Grade
BLKG. - Blocking	GLB - Glue-Laminated Beam	S.S. - Stainless Steel
BLW. - Below	H.P. - High Point	S.S.D. - See Structural Drawing
BM - Beam	HD - Hold-Down	S.S.P. - Standard Steel Pipe
B.N. - Boundary Nailing	HDG - Hot Dipped Galvanized	S.T.S. - Self Taping Screw
BOT. - Bottom	HGR - Hanger	S.W.S. - Shear Wall Schedule
BTW. - Between	HORZ. - Horizontal	S.W. - Shear Wall
B.S. - Both Sides	HSB - High Strength Bolt	SHT. - Sheet
CBC - California Building Code	HSS - Hollow Structural Section	SHTG - Sheathing
C.C. - Center-To-Center	I.B.C. - International Building Code	SIM. - Similar
CONST. JNT. - Construction Joint	I.F. - Inside Face	SPECS. - Specifications
CNTRL. JNT. - Control Joint	JST - Joist	SQ. - Square
C.J.P. - Complete Joint Penetration	KIP - Thousand Pounds	STIFF. - Stiffener
CL - Centerline	KSI - Kips per Square Inch	STD. - Standard
CLR - Clear	LBS - Pounds	STL. - Steel
CLG - Ceiling	LD - Development Length	S/W - Sidewalk
CMU - Concrete Masonry Unit	LOC - Location	SYM. - Symmetrical
COL. - Column	LLH - Long Leg Horizontal	T&B - Top And Bottom
CONC. - Concrete	LLV - Long Leg Vertical	T.B. - Tie Beam
CONN. - Connection	L.P. - Low Point	T&G - Tongue & Groove
CONT. - Continuous	M.B. - Machine Bolt	T.O.C. - Top of Concrete
C.P. - Complete Penetration	MANF. - Manufacturer	T.O.J. - Top of Joist
CTSK - Countersunk	MAT'L - Material	T.O.S. - Top of Slab
d - Penny (Nail Size)	MAX. - Maximum	T.O.W. - Top of Wall
DIA or Ø - Diameter	MF. - Moment Frame	TYP. - Typical
Db - Diameter Hooked Bar	MIN. - Minimum	U.B.C. - Uniform Building Code
DBL. - Double	MISC. - Miscellaneous	U.O.N. - Unless Otherwise Noted
DET. - Detail	N.I.C. - Not In Contract	V.I.F. - Verify In Field
D.F. - Douglas Fir	N/A - Not Applicable	VERT. - Vertical
D.G. - Decomposed Granite	NO. - Number	W/ - With
D.J. - Double Joist	N.T.S. - Not To Scale	W.D. - Wood
D.S. - Drag Strut	NWC - Normal Weight Concrete	W.L. - Water Level
DWG. - Drawing	O.C. - On Center	W/O - Without
D/W - Driveway	O.F. - Outside Face	W.P. - Work Point
DXS - Double Extra Strong Steel Pipe	O.H. - Opposite Hand	W.P.M. - Water Proofing Membrane
E.F. - Each Face	O.M.F. - Ordinary Moment Frame	WPS - Welding Procedure Specification
E.F.P - Equivalent Fluid Pressure	P.C.C. - Portland Cement Concrete	W.R.B. - Water Resistant Barrier
E.J. - Expansion Joint	PCF - Pounds per Cubic Foot	W.W.F. - Welded Wire Fabric
EMBED - Embedment	P.D.F. - Power Driven Fastener	XXS - Extra Strong Steel Pipe
E.N. - Edge Nail	P.J. - Pour Joint	
EOR - Engineer of Record	P.P. - Partial Penetration	
EPS - Expanded Polystyrene	P.T. - Pressure Treated	
EQ - Equal	PL - Plate	
E.S. - Each Side	PLYWD. - Plywood	

SYMBOLS



GENERAL NOTES

1. All work shall comply with the Contract Documents which include the Owner/Contractor agreement, the drawings, the specifications and project data sheets, and all addenda and modifications issued by the Architect.
2. Any errors, omissions, or conflicts found in the the various parts of the construction documents shall be brought to the attention of the Sonoma County Regional Parks (S.C.R.P.) Representative before proceeding with the Work.
3. Typical details have not been called out, please review sheet S0.1 General Structural Notes and Project Specifications.
4. Noted dimensions take precedence over scaled drawings. Do not scale the drawings.
5. Detailed drawings and large scale drawings take precedence over small scale drawings.
6. The Contractor shall review all documents and verify all dimensions and field conditions and shall confirm that all work is buildable as shown. Any conflicts or omissions, etc., shall be immediately reported to the Architect for clarifications prior to the performance of any work in question.
7. For construction details not shown, use the manufacturer's standard details or approved shop drawings. These details must be submitted to the Architect for approval prior to construction.
8. The Contractor shall obtain all permits and inspections and comply with all codes, laws, ordinances, rules and regulations of all federal, state or local authorities governing the work. The most stringent shall apply.
9. All work shall be carried out in accordance with the Building Codes, latest edition.
10. The contractor shall comply with applicable local, state and federal codes and regulations pertaining to safety of persons, property, and environmental protection.
11. The use of the word "provide" in connection with any item specified is intended to mean that such item shall be furnished, installed and connected where so required, except as noted.
12. The Contractor shall maintain a current and complete set of Construction Documents on the job site during all phases of construction for use of all trades and shall provide all subcontractors with current construction documents as required. The Contractor, in assuming responsibility for their work indicated, shall comply with the spirit as well as with the letter in which they were drawn.
13. Details shown are typical. Similar details apply in similar conditions.
14. Contractor shall personally supervise and direct the work or shall keep a competent employee, authorized to receive instructions and act on the Contractor's behalf, continuously on site during working hours.
15. Remove tools and equipment from site upon completion of work. Leave contract areas and site clean, orderly, and in a condition acceptable for new or other construction.
16. Construction vehicles, materials and other equipment shall not block the road. Park users shall not be adversely affected in getting to and from their vehicles or to the Park.

APPLICABLE CODES

2022 CALIFORNIA BUILDING CODE, TITLE 24, PART 2 VOLUME 1 AND 2.

2022 CALIFORNIA ELECTRICAL CODE. TITLE 24, PART 3.

2022 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4.

2022 CALIFORNIA PLUMBING CODE. TITLE 24. PART 5.

2022 CALIFORNIA ENERGY CODE, TITLE 24, PART 6.

2022 CALIFORNIA FIRE CODE, TITLE 24, PART 9.

2022 CALIFORNIA EXISTING BUILDING CODE, TITI.E 24, PART 10.

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, TITI.E 24, PART 11.

2022 CALIFORNIA REFERENCE STANDARDS, TITLE 24, PART 12.

STATE FIRE MARSHAL REGULATIONS, TITLE 19.

CLIENT

Sonoma County Regional Parks
Karen Davis-Brown (707) 565-1359
2300 County Center Drive, Suite 120A, Santa Rosa, CA 95403

PROJECT DESCRIPTION

Elevated concrete stage for use by the general public. Phase I includes stage foundation, concrete stage, embedded anchor bolts, concrete stair and ramp, and handrails. Phase II includes columns and a metal roof canopy structure to shade the stage including lighting and electrical outlets.

Fire Resistance: All wood will meet or exceed heavy timber nominal dimension requirements and the project is designed to meet or exceed Wildland Urban Interface Zone building requirements. Materials and material assemblies tested in accordance with the requirements of CBC 703A shall bear an identification label showing the fire test results. Fire-retardant-treated wood shall be tested in accordance with ASTM D2898 (Method A) and the requirements of Section 2303.2. [CBC 703A.5.2.1]

DRAWING INDEX

DEFERRED SUBMITTALS

The following scope of work will be Design/Build and will be Deferred Submittal:

1. ELECTRICAL
   Note: Phase II includes lighting fixtures, electrical receptacles, lighting control panel and associated electrical work. See Phase I Electrical Contractor as built drawings for Phase I design/build work.
2. SHADE SAILS AND POLES
   Note: Shade sails and mounting hardware to be designed by manufacturer.

PROJECT INFORMATION

PLANNING DATA	
PROJECT ADDRESS	Tolay Lake, 5869 Cannon Ln, Petaluma CA 94954
BUILDING PERMIT	
APN	
DN	N/A
ZONING DISTRICT	Sonoma County Parks
SEISMIC	Seismic Design Category E
CONSTRUCTION TYPE	Type V
STAGE FLOOR AREA	775 SF
PAVILION ROOF AREA	860 SF
CUT / FILL	CU YDS
STAGE HEIGHT	1'-6"
CANOPY HEIGHT	13'-7"
OCCUPANCY GROUP	A (Open air structure < 1000 S.F., therefore U structure)
FIRE	U Structure, Non-combustible Steel, Heavy Timber Construction. No Fire Sprinklers Required per Sonoma County Fire Marshal
OWNER	Sonoma County Regional Parks
OWNER CONTACT	Karen Davis-Brown (707) 565-1359 2300 County Center Drive, Suite 120A, Santa Rosa, CA 95403
CONTRACTOR	TBD

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

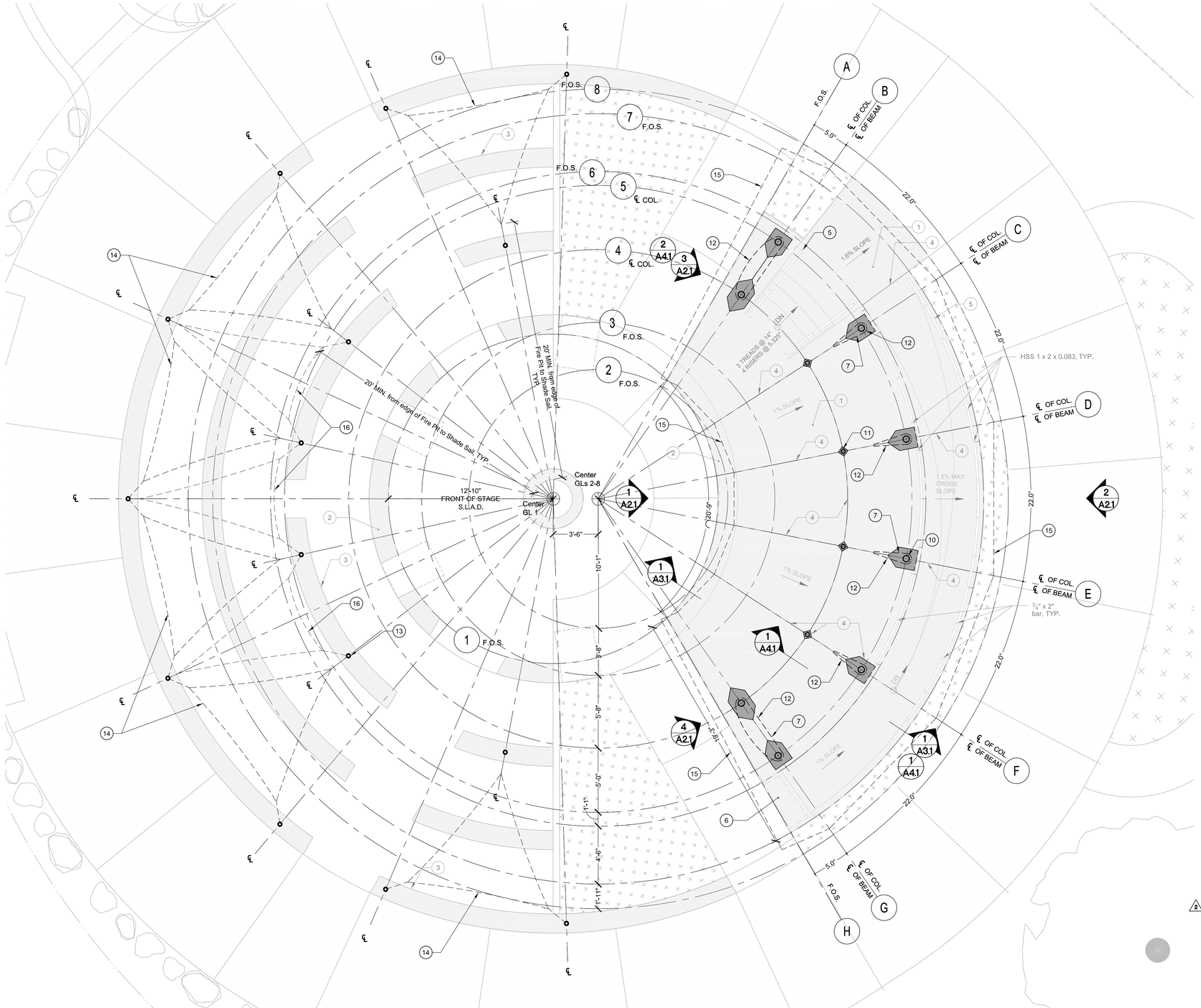
PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS
DESIGN SUBMITTAL
PHASE II ROOF BID SET

SHEET TITLE
PROJECT INFORMATION

WARE
ARCHITECTURE ENGINEERING
1440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.922.9888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
JOHN GUNLAN WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA

DESIGN BY	JW/CH
DRAWN BY	CH
CHECKED BY	JW
SCALE	NTS
DATE	JULY 22, 2025
SHEET	A0.0
	OF



OCCUPANCY LOAD CALCULATIONS:

STAGE ROOF AREA = 550 S.F.
STAGE ASSEMBLY - 15 NET S.F. PER OCCUPANT
MAX. OCCUPANCY LOAD: 37 OCCUPANTS

NOTES:
1. SEE SHEET A1.0 FOR ALL CONCRETE SLAB LAYOUT DIMENSIONS AND TOP OF WALL ELEVATIONS.
2. PROVIDE DEDICATED SLEEVES FOR ELECTRICAL SYSTEM PRIOR TO CONCRETE POUR

KEYED NOTES:

1. CONCRETE SLAB ON GRADE, SLOPE TO DRAIN, BROOM FINISH (RADIAL DIRECTION ON STAGE), SEE LAYOUT PLAN SHEET A1.0. (PHASE I, N.I.C.)
2. CONCRETE SEAT FINISH, 18" WIDE, SMOOTH TROWEL FINISH, S.L.A.D. COORDINATE WITH SONOMA PARKS. (PHASE I, N.I.C.)
3. CONCRETE SEAT WALL, S.L.A.D. (PHASE I, N.I.C.)
4. CONCRETE CONTROL JOINT, SEE DETAIL 8/S5.1. (PHASE I, N.I.C.)
5. DUPLEX COATED PTD. GALVANIZED STEEL HANDRAIL, SEE DETAILS 6, 8, & 14/S5.3. (PHASE I, N.I.C.)
6. STORAGE NICHE, SEE DETAILS 10, 11, & 15/S5.3.
7. LOCKABLE CONVENIENCE ELECTRICAL 110V DUPLEX OUTLET, S.E.D., SHEET E1.0. (PHASE II)
8. NOT USED.
9. NOT USED.
10. STEEL PIPE COLUMNS (QUANTITY 8), SEE DETAILS. (PHASE II).
11. CUSTOM TURNED TAPERED STAINED CEDAR COLUMNS, 12" DIAMETER (QUANTITY 4), SEE DETAILS. (PHASE II)
12. PERFORATED METAL SCREEN W/ CUSTOM PATTERN. SEE 1/L2.1 FOR CUSTOM PATTERN DESIGN. COORDINATE W/ LANDSCAPE ARCHITECT AND SONOMA PARKS. (PHASE II).
13. ADD ALT 1: REMOVABLE STEEL SHADE SAIL COLUMNS AND MOUNTING COLLAR (QUANTITY 15) (PHASE II), EMBEDDED BASE SLEEVE (PHASE I, N.I.C.), SEE DETAILS 9, 11, 12, & 15/S5.4.
14. ADD ALT 1: SHADE SAILS OVERHEAD (PHASE II), SEE A1.2.
15. ROOF EDGE ABOVE. (PHASE II)
16. FUTURE SHADE SAILS, CUSTOM SIZE, (N.I.C.)

1 STAGE PLAN
0 1' 2' 4'

N

REVISIONS	
DATE	DESCRIPTION
09.12.25	BID ADD. 1
09.26.25	2 BID ADD. 2

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

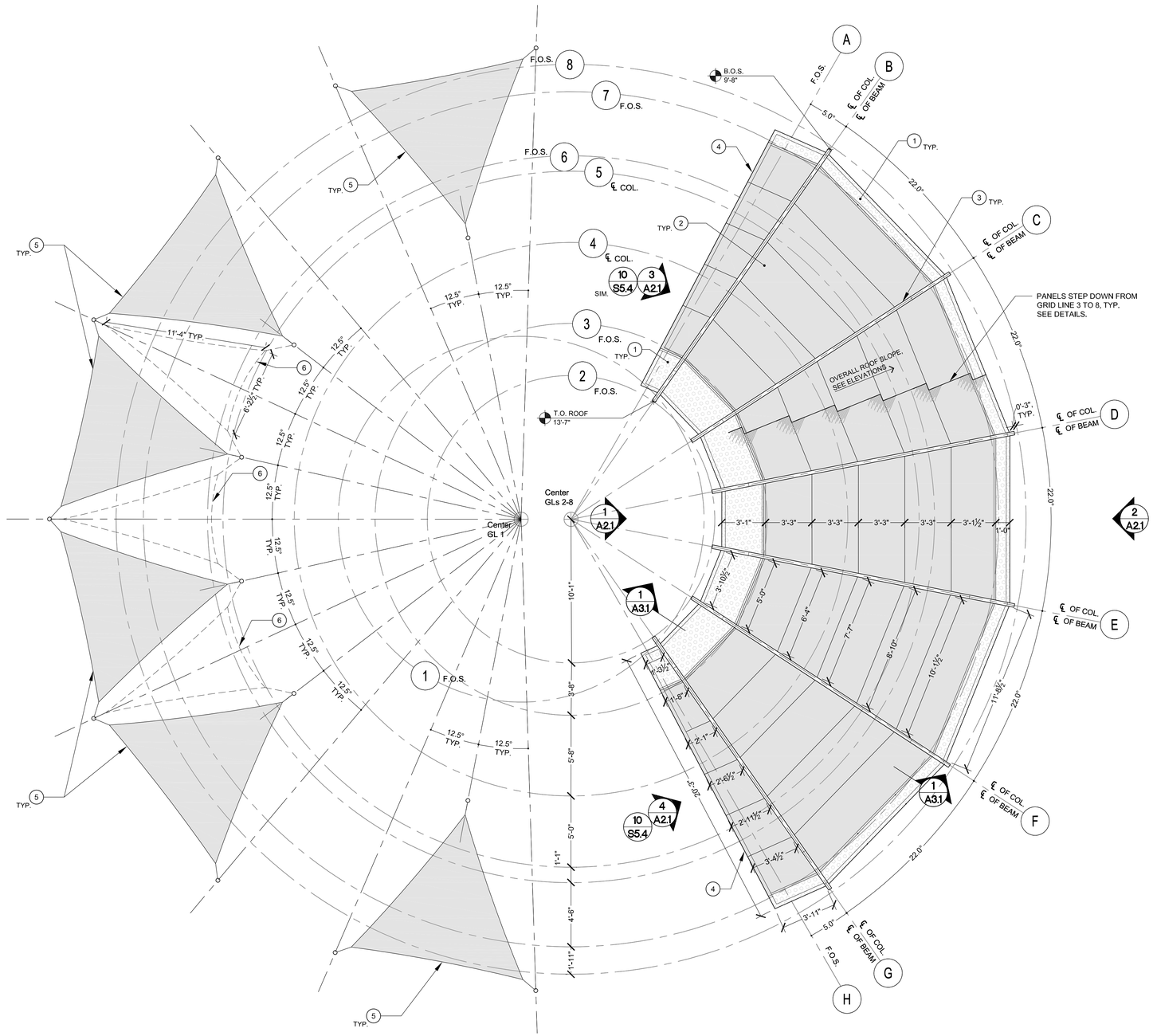
SHEET TITLE
STAGE PLAN

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.922.2688 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
JOHN WILLIAM WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA

DESIGN BY	CH/JW
DRAWN BY	CH
CHECKED BY	JW
SCALE	¼" = 1'-0"
DATE	JULY 22, 2025
SHEET	A1.1
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 A1.1 Stage Plan.dwg 9/26/2025 6:03 PM carl hartigan



NOTES:

1. CONTRACTOR SHALL V.I.F. ALL CONCRETE SLAB (STAGE) LAYOUT DIMENSIONS AND TOP OF WALL ELEVATIONS (SEE SHEET A1.0).
2. FABRICATOR FOR METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS, BASIS OF DESIGN: BOK MODERN. CONTACT: STEVE PETRUSHKA 415-749-6500 x 230, steve@bokmodern.com, bokmodern.com,
3. METAL ROOF PANEL (SOLID & PERFORATED) FINAL DIMENSIONS, CONFIGURATION, AND ATTACHMENT TO STAGE ROOF STRUCTURE BY FABRICATOR.
4. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.
5. SHADE SAIL AND S.S. MOUNTING HARDWARE TO BE DESIGN BUILD BY SHADE SAIL FABRICATOR.

KEYED NOTES:

2 ① PERFORATED METAL ROOF PANEL, POWDER COATED, CUSTOM PATTERN,. SEE 1/L2.2 FOR CUSTOM PATTERN DESIGN, COORDINATE W/ LANDSCAPE ARCHITECT AND SONOMA PARKS.

② SOLID METAL ROOF PANEL, POWDER COATED.

③ STEEL HSS BEAM, SHAPED, PTD., SEE DETAILS.

④ STEEL FASCIA PLATE, SHAPED, PTD., SEE DETAILS

⑤ ADD ALT 1; SHADE SAILS, EQUILATERAL TRIANGLE NOMINAL 11' SIDE LENGTH PER MANUF., RECOMMENDATIONS, CONTRACTOR TO V.I.F., POLE LOCATIONS, COLOR; NATURAL, TO BE SELECTED BY ARCHITECT AND SCRP FROM THE MANUFACTURER'S STANDARD RANGE, STAINLESS STEEL TURNBUCKLE HARDWARE, KNITTED HDPE MONOFILAMENT AND TAPE SHADE FABRIC OFFERING UV BLOCK UP TO 97%, FIRE RETARDANT (SFM APPROVED AND LISTED FLAME RESISTANT OR TREATED FABRIC).

⑥ FUTURE SHADE SAILS, CUSTOM SIZE, (N.I.C.)

1 STAGE ROOF PLAN
0 1' 2' 4'

N

REVISIONS	
DATE	DESCRIPTION
09.12.25	BID ADD. 1
09.26.25	2 BID ADD. 2

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

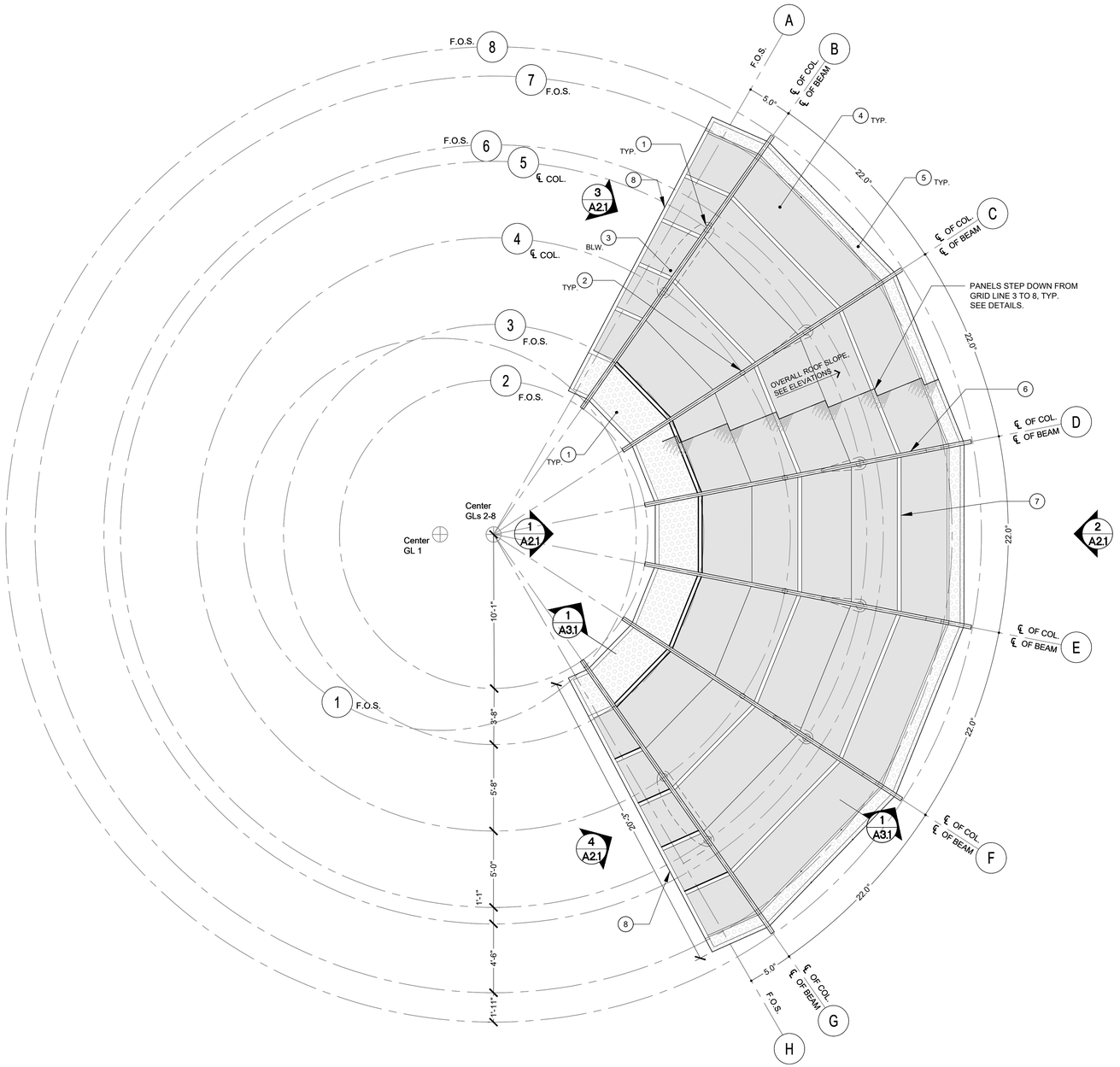
SHEET TITLE
STAGE ROOF PLAN

WARE
ARCHITECTURE ENGINEERING
1440 Grand Avenue Suite 250 Oakland CA 94610
tr 510.922.0888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
JOHN QUINLAN WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA

DESIGN BY	
DRAWN BY	CH
CHECKED BY	JW
SCALE	
DATE	JULY 22, 2025
SHEET	A1.2
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 A1.2 Stage Roof Plan.dwg 9/26/2025 5:52 PM carl hartigan



NOTES:

1. CONTRACTOR SHALL V.I.F. ALL CONCRETE SLAB (STAGE) LAYOUT DIMENSIONS AND TOP OF WALL ELEVATIONS (SEE SHEET A1.0)
2. FABRICATOR FOR METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS, BASIS OF DESIGN: BOK MODERN. CONTACT: STEVE PETRUSHKA 415-749-6500 x 230, steve@bokmodern.com, bokmodern.com.
3. METAL ROOF PANEL (SOLID & PERFORATED) FINAL DIMENSIONS, CONFIGURATION, AND ATTACHMENT TO STAGE ROOF STRUCTURE BY FABRICATOR.
4. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.

KEYED NOTES:

1. STEEL COLUMNS, PTD. (QUANTITY 8), SEE DETAILS (PHASE II)
2. WOOD COLUMNS (QUANTITY 4), SEE PLAN, SEE DETAILS (PHASE II)
3. PERFORATED METAL SCREEN W/ CUSTOM DESIGN. (PHASE II)
4. METAL PANEL ROOF, POWDER COATED (PHASE II).
5. PERFORATED METAL PANEL ROOF WITH CUSTOM DESIGN, POWDER COATED (PHASE II).
6. STEEL HSS BEAM, SHAPED, SEE DETAILS (PHASE II)
7. STEEL HSS PURLIN, SEE DETAILS (PHASE II)
8. STEEL FASCIA PLATE, SHAPED, PTD., SEE DETAILS (PHASE II)

1 STAGE REFLECTED CEILING PLAN

0 1' 2' 4'

N

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

STAGE REFLECTED CEILING PLAN

WARE

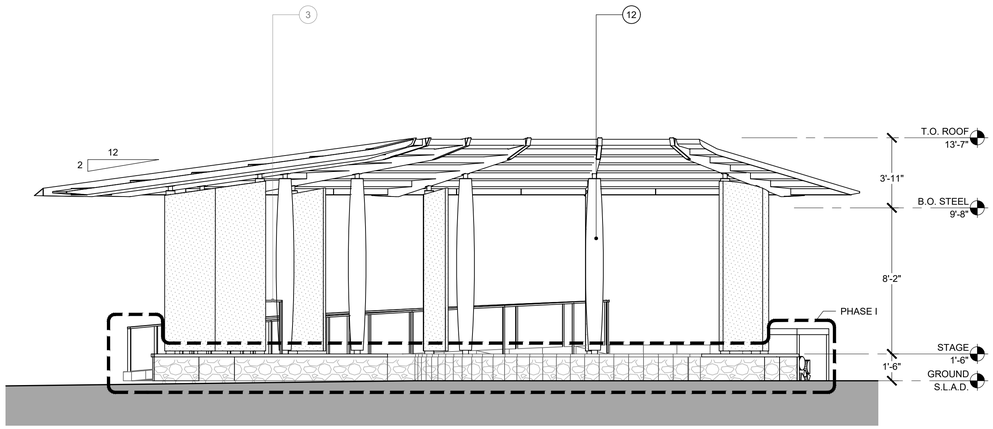
ARCHITECTURE ENGINEERING

440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9888 info@ware-associates.com

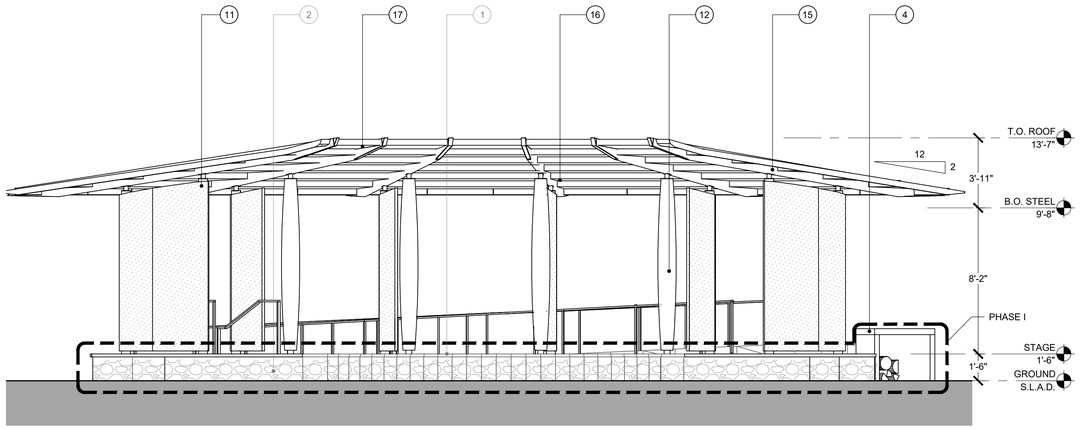
REGISTERED PROFESSIONAL ENGINEER
JOHN WILLIAM WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA

DESIGN BY	
DRAWN BY	CH
CHECKED BY	JW
SCALE	
DATE	JULY 22, 2025
SHEET	A1.3
	OF

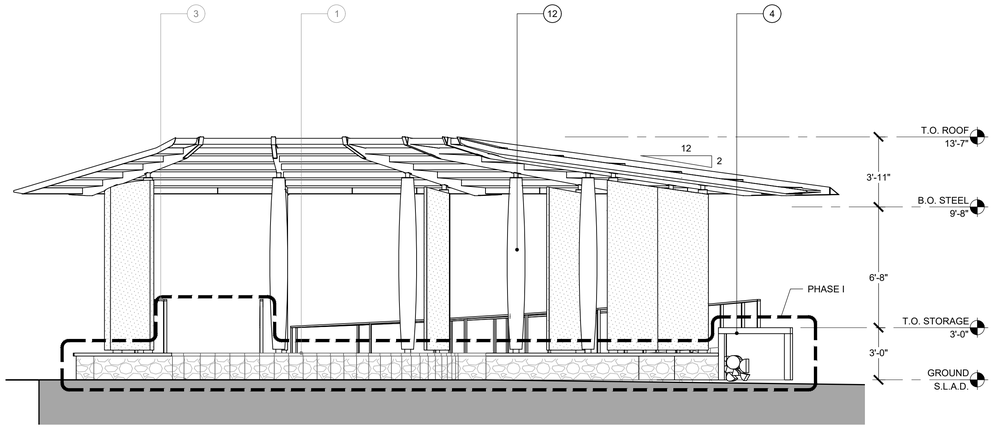
Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 A1.3 Reflected Ceiling Plan.dwg 7/22/2025 6:25 PM cori hartigan



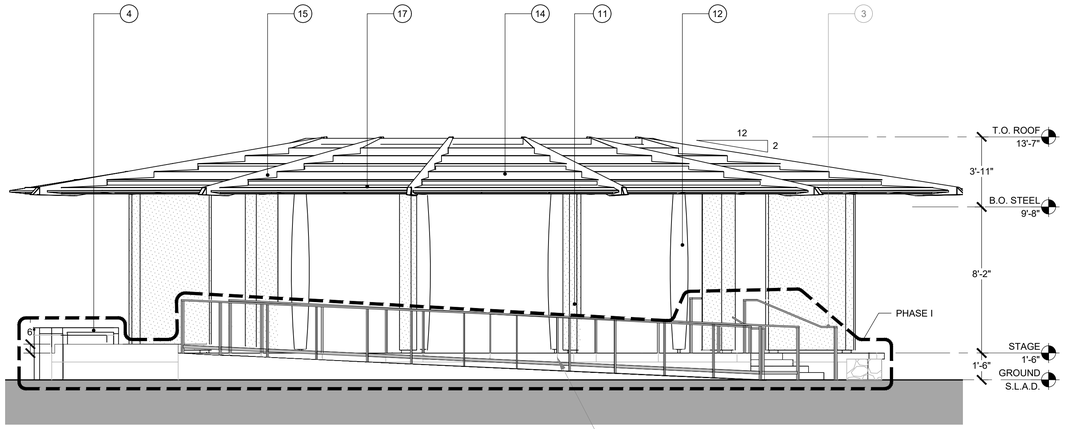
3 NORTH ELEVATION
0 1' 2' 4'



1 WEST ELEVATION
0 1' 2' 4'



4 SOUTH ELEVATION
0 1' 2' 4'



2 EAST ELEVATION
0 1' 2' 4'

NOTE:
1. FABRICATOR FOR METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS, BASIS OF DESIGN: BOK MODERN. CONTACT: STEVE PETRUSHKA 415-749-6500 x 230, steve@bokmodern.com, bokmodern.com.
2. METAL ROOF PANEL (SOLID & PERFORATED) FINAL DIMENSIONS, CONFIGURATION, AND ATTACHMENT TO STAGE ROOF STRUCTURE BY FABRICATOR.
3. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.

KEYED NOTES:

1. CONCRETE SLAB ON GRADE, FINISHED, SEE PLAN (PHASE I, N.I.C.).
2. STAGE FRONT SYAR STONE CLADDING (PHASE I, N.I.C.).
3. GALVANIZED STEEL HANDRAIL, SEE DETAILS 6, 8, &14/S5.3 (PHASE I, N.I.C.).
4. STORAGE NICHE, SEE DETAILS 10, 11, & 15/S5.3
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. STEEL COLUMNS, PTD. (QUANTITY 8), SEE DETAILS (PHASE II)
12. WOOD COLUMNS (QUANTITY 4), SEE DETAILS (PHASE II)
13. PERFORATED METAL SCREEN W/ CUSTOM DESIGN. (PHASE II)
14. METAL ROOF PANELS (PHASE II)
15. STEEL HSS BEAM, SHAPED, SEE DETAILS (PHASE II)
16. STEEL HSS PURLIN, SEE DETAILS (PHASE II)
17. PERFORATED METAL ROOF PANEL W/ CUSTOM DESIGN (PHASE II)

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

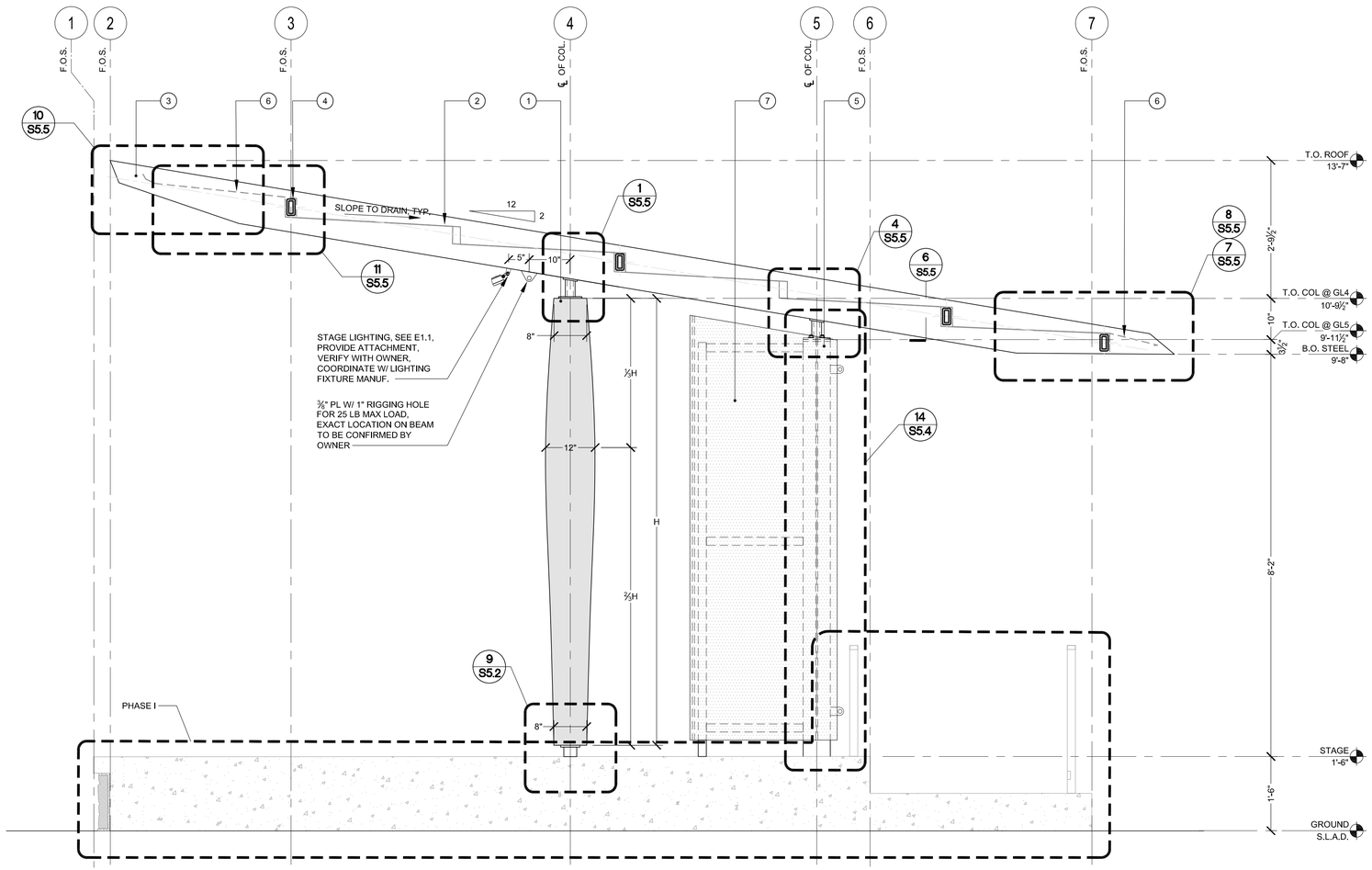
SHEET TITLE
STAGE ELEVATIONS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
JOHN CHILMAN WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA
12-24

DESIGN BY	CH/JW
DRAWN BY	CH
CHECKED BY	JW
SCALE	¼" = 1'-0"
DATE	JULY 22, 2025
SHEET	A2.1
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 A2.1 Elevations.dwg 7/22/2025 6:25 PM cori hartigan



1 COLUMN AND BEAM SECTION-ELEVATION

0 6" 1' 1'-4"

NOTES:

1. FABRICATOR FOR METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS, BASIS OF DESIGN: BOK MODERN, CONTACT: STEVE PETRUSHKA 415-749-6500 x 230, steve@bokmodern.com, bokmodern.com.
2. METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS AND ATTACHMENT TO STAGE ROOF STRUCTURE TO BE DESIGNED AND DETAILED BY FABRICATOR.
3. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.

KEYED NOTES:

1. CUSTOM TURNED TAPERED STAINED CEDAR COLUMNS, 12" DIAMETER (QUANTITY 4), SEE DETAILS (PHASE II).
2. METAL ROOF PANEL, SEE DETAILS (PHASE II).
3. STEEL HSS BEAM, SHAPED, SEE DETAILS (PHASE II).
4. STEEL HSS PURLIN, SEE DETAILS (PHASE II).
5. STEEL COLUMNS, PTD, (QUANTITY 8), SEE DETAILS (PHASE II).

2 △

6. PERFORATED METAL ROOF PANEL W/ CUSTOM PATTERN, SEE 1/L2.1 FOR CUSTOM PATTERN DESIGN, COORDINATE W/ LANDSCAPE ARCHITECT AND SONOMA PARKS (PHASE II).
7. PERFORATED METAL SCREEN W/ CUSTOM PATTERN, SEE 1/L2.2 FOR CUSTOM PATTERN DESIGN, COORDINATE W/ LANDSCAPE ARCHITECT AND SONOMA PARKS (PHASE II).

REVISIONS	
DATE	DESCRIPTION
09.12.25	BID ADD. 1
09.26.25	△2 BID ADD. 2

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

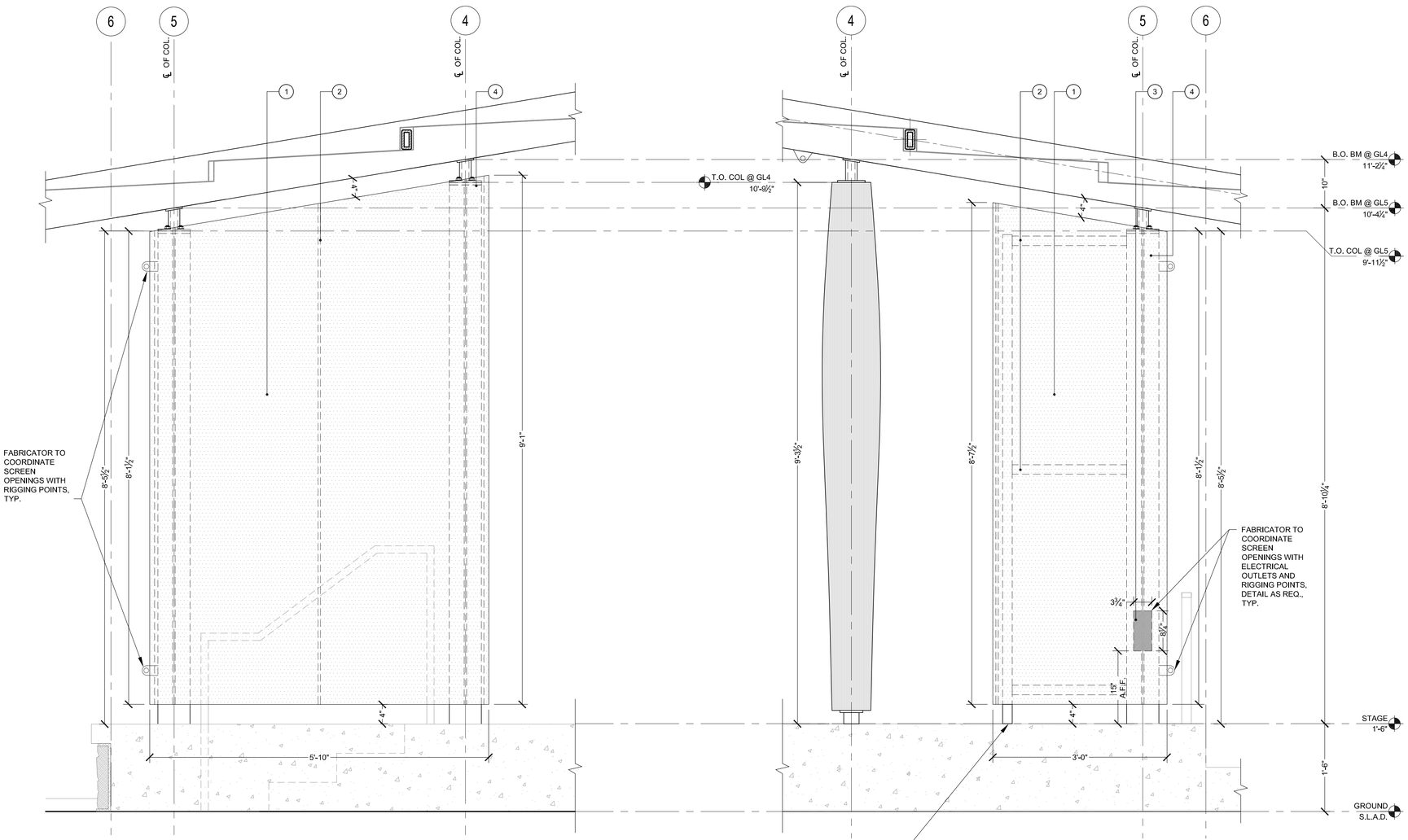
STAGE SECTIONS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.222.0888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER JOHN WILLIAM WARE No. C 46323 CIVIL STATE OF CALIFORNIA 12-24

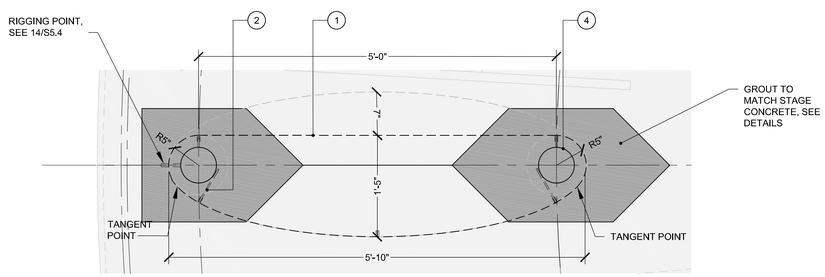
DESIGN BY	
DRAWN BY	CH
CHECKED BY	JW
SCALE	
DATE	JULY 22, 2025
SHEET	A3.1
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 A3.1 Sections.dwg 9/26/2025 5:54 PM cori hartigan

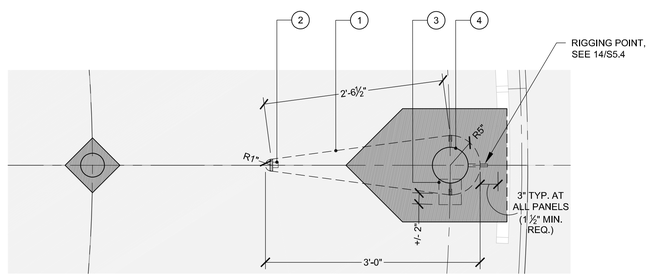


2 TYPICAL END PANEL ELEVATION [(2) PANELS]

1 INTERIOR PANEL ELEVATION [(4) PANELS]



4 TYPICAL END PANEL PLAN [(2) PANELS]



3 INTERIOR PANEL PLAN [(4) PANELS]

NOTES:
1. FABRICATOR FOR METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS. BASIS OF DESIGN: BOK MODERN, CONTACT: STEVE PETRUSHKA 415-749-6500 x 230, steve@bokmodern.com, bokmodern.com,
2. METAL ROOF PANELS, PERFORATED METAL ROOF PANELS, AND PERFORATED METAL SCREENS AND ATTACHMENT TO STAGE ROOF STRUCTURE TO BE DESIGNED AND DETAILED BY FABRICATOR.
3. FABRICATOR TO PROVIDE SHOP DRAWINGS OF PANELS AND CONNECTION DETAILS TO STEEL SUPERSTRUCTURE.

KEYED NOTES:

2

1. PERFORATED METAL SCREEN W/ CUSTOM PATTERN, SEE 1/L2.2 FOR CUSTOM PATTERN DESIGN. COORDINATE W/ LANDSCAPE ARCHITECT AND SCRP (PHASE II).
2. PANEL SUPPORT STRUCTURE BEHIND, AS REQUIRED. DETAILED BY FABRICATOR (PHASE II).
3. DUPLEX ELECTRICAL OUTLET IN VANDAL RESISTANT ELECTRICAL COVER, WHERE OCCURS. VANDALSTOP AA-EB-1G-HL OR EQUAL. PTD. TO MATCH VERTICAL SCREEN. RECESS IN VERTICAL SCREEN. COORDINATE WITH VERTICAL SCREEN FABRICATOR. CONFIRM RECEPTACLE LOCKING WITH SCRP (PHASE II).
4. STEEL COLUMNS, PTD. (QUANTITY 8), SEE PLAN, SSD, SEE DETAILS (PHASE II).

REVISIONS	
DATE	DESCRIPTION
09.12.25	BID ADD. 1
09.26.25	2 BID ADD. 2

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

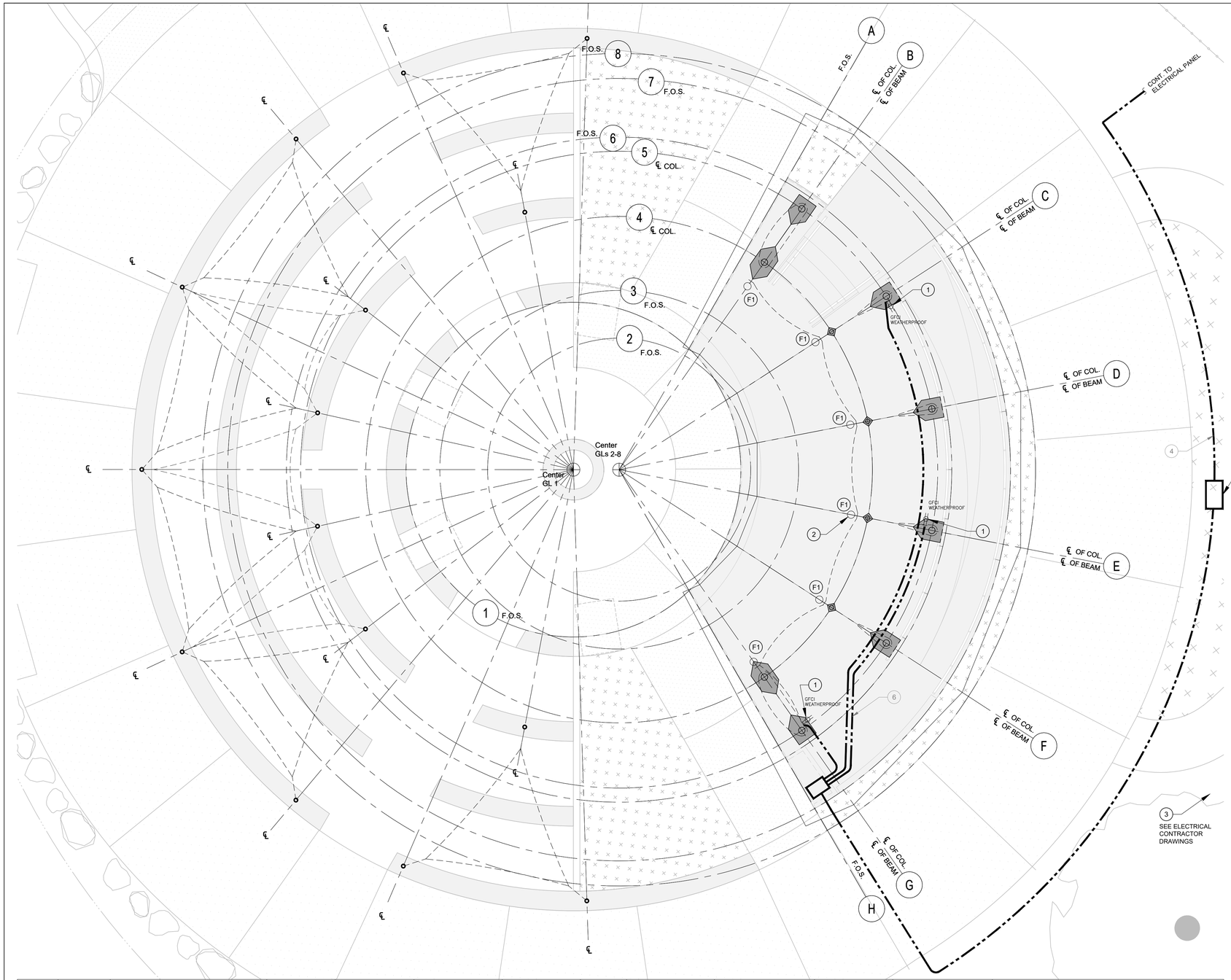
SHEET TITLE
STAGE VERTICAL SCREEN PANEL ELEVATIONS

WARE
ARCHITECTURE ENGINEERING
1440 Grand Avenue Suite 250 Oakland CA 94610
tl 510.922.0888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
JOHN QUINLAN PAGE
No. C 46323
CIVIL
STATE OF CALIFORNIA

DESIGN BY	
DRAWN BY	CH
CHECKED BY	JW
SCALE	
DATE	JULY 22, 2025
SHEET	A4.1
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 A4.1 Panel Elevations and Sections.dwg 9/26/2025 5:56 PM cori hartigan



ELECTRICAL NOTES:

1. ALL INSTALLATIONS SHALL COMPLY WITH 2022 CBC AND NFPA 70, NEC 2023.
2. CONDUIT ALIGNMENTS SHOWN ARE DIAGRAMMATIC ONLY.
3. WEATHERPROOF SERVICE OUTLETS TO BE GFCI AND LOCATED ABOVE FINISHED FLOOR, SEE KEYED NOTE 1.
4. ELECTRICAL SHALL BE DESIGN-BUILD BY ELECTRICAL SUBCONTRACTOR
5. EXISTING ELECTRICAL CONDITIONS HAVE NOT BEEN VERIFIED
6. PROVIDE (2) SEPARATE CIRCUITS, ONE FOR LIGHTING (20 AMP, V.I.F.) AND ONE FOR AV REQUIREMENTS (50 AMP, V.I.F.).

KEYED NOTES:

1. SURFACE MOUNTED GFCI DUPLEX ELECTRICAL OUTLET WITH LOCKABLE WEATHER-PROOF COVER, HUBBELL WP8MH OR EQUAL, (PHASE II) ROUTE POWER CIRCUIT FROM EXISTING ELECTRICAL PANEL (SEE SHEET A0.1) AND KEYED NOTE 4.
2. STAGE LIGHTING: SUPERSTRUCTURE MOUNTED LED (6 TOTAL): BEGA PERFORMANCE FLOODLIGHT 84 217 (½" I.P.S. NIPPLE) - 16.8 W - 3000K - BR2 - OPTICS: WIDE BEAM. 46 DEGREE FLOOD LIGHTS. OR EQUAL. (PHASE II) CONFIRM LIGHTING REQUIREMENTS WTIH SCRP.
3. LIGHTING CONTROL PANEL: EATON GREENGATE LK8-LITEKEEPER 8 PANEL MOUNTED INTO A NEMA 3R ENCLOSURE AND PPS-5 OUTDOOR CONTACT INPUT PHOTOSENSOR. LOCATED WITH STAGE SUBPANEL. SEE ELECTRICAL CONTRACTOR DRAWINGS FOR LOCATION. (PHASE II)
4. (N) ELECTRIC SUPPLY TRENCH W/ SCHEDULE 40 1" PVC CONDUIT - 24" MIN. BELOW GRADE W/ THWN-2 CONDUCTORS FROM (E) ELECTRICAL PANEL. (PHASE I)
5. NOT USED.
6. PROVIDE SCHEDULE 40 1" PVC CONDUIT EMBEDDED 4" MIN. BELOW CONCRETE TOP FINISH (PHASE I).

TAG	QTY.	DESCRIPTION	MANUFACTURER	MODEL	FIXTURE HOUSING	MOUNTING	VOLT	FINISH	TRIM/CANOPY/STAKE	LAMPS	LOCATION	NOTES
F1	6	STAGE LIGHTING: SUPERSTRUCTURE MOUNTED LED	BEGA	PERFORMANCE FLOODLIGHT 84 217 (½" I.P.S. NIPPLE)	-	-	120V	ARCH. BRONZE		16.8W LED 3000K 70 CRI	-	46 DEGREE FLOOD LIGHT. CONFIRM W/ SCRP. (PHASE II)

2001 ZA SC ES01

LIGHTING SCHEDULE

Note:
See Lighting Schedule for final fixture selections.

1 STAGE ELECTRICAL PLAN
0 1' 2' 4'

N

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

SHEET TITLE
ELECTRICAL PLAN

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER JOHN OLIVER WARE No. C 46323 CIVIL STATE OF CALIFORNIA
12-24

DESIGN BY	CH/JW
DRAWN BY	CH
CHECKED BY	JW
SCALE	¼" = 1'-0"
DATE	JULY 22, 2025
SHEET	E1.1
OF	

Q:\2020 Design\20-01 ROG Tolay Lake Stage\Contract Documents\2001 E1.1 Electrical Plan.dwg 7/22/2025 6:26 PM cari hartigan

- Size of Reinforcing Bar
(E) - Existing
(N) - New
@ - At (Center To Center spacing)
A.B. - Anchor Bolt
ABV. - Above
ADDNL. - Additional
AISC - American Institute of Steel Construction
ASTM - American Society of Testing and Materials
AWS - American Welding Society
B.P. - Base Plate
BLDG. - Building
BLKG. - Blocking
BLW. - Below
BM - Beam
B.N. - Boundary Nailing
BOT. - Bottom
BTW. - Between
B.S. - Both Sides
C.C. - Center-To-Center
CONST. JNT. - Construction Joint
CNTRL. JNT. - Control Joint
C.J.P. - Complete Joint Penetration
CL - Centerline
CLR - Clear
CLT - Cross Laminated Lumber
COL. - Column
CONC. - Concrete
CONN. - Connection
CONT. - Continuous
d - Penny (Nail Size)
DIA or Ø - Diameter
DBL. - Double
DET. - Detail
D.F. - Douglas Fir
D.S. - Drag Strut
DWG. - Drawing
D/W - Driveway
DXS - Double Extra Strong Steel Pipe
E.F. - Each Face
E.J. - Expansion Joint
E.N. - Edge Nail
E.S. - Each Side
E.W. - Each Way
ELEV. - Elevation
F.F. - Finished Floor
F.G. - Finished Grade
F.N. - Field Nail
F.O.C. - Face of Concrete
F.O.F. - Face of Finish
F.O.S. - Face of Stud or Structure
F.O.W. - Face of Wall
FDN. - Foundation
FLR. - Floor
FRMG. - Framing
FSNR. - Fastener
FTG. - Footing
GA - Gauge
GALV. - Galvanized
GB - Grade Beam
GLB - Glue-Laminated Beam
HDG - Hot Dipped Galvanized
HDU - Hold-Down
HORZ. - Horizontal
HSS - Hollow Steel Section
I.B.C. - International Building Code
JST - Joist
L.P. - Low Point
M.B. - Machine Bolt
MANF. - Manufacturer
MAT'L - Material
MAX. - Maximum
MIN. - Minimum
N.I.C. - Not In Contract
N/A - Not Applicable
N.T.S. - Not To Scale
O.C. - On Center
O.F. - Outside Face
P.D.F. - Power Driven Fastener
P.P. - Partial Penetration
P.T. - Pressure Treated
PL - Plate
PLYWD. - Plywood
PTD. - Painted
R.C.P. - Reflected Ceiling Plan
R.D. - Roof Drain
RECM'D. - Recommended
REINF. - Reinforcement
REQD. - Required
S.A.D. - See Architectural Drawings
S.C.D. - See Civil Drawings
S.F. - Spread Footing
S.L.A.D. - See Landscape Arch. Drawings
S.M.D. - See Mechanical Drawing
S.M.S. - Sheet Metal Screw
S.O.G. - Slab On Grade
S.S.D. - See Structural Drawing
S.S.P. - Standard Steel Pipe
S.T.S. - Self Taping Screw
S.W.S. - Shear Wall Schedule
S.W. - Shear Wall
SHT. - Sheet
SIM. - Similar
SPECS. - Specifications
SQ. - Square
STIFF. - Stiffener
STD. - Standard
STL. - Steel
S/W - Sidewalk
SYM. - Symmetrical
T&B - Top And Bottom
T.B. - Tie Beam
T.O.C. - Top of Concrete
T.O.J. - Top of Joist
T.O.S. - Top of Slab
T.O.W. - Top of Wall
TYP. - Typical
U.O.N. - Unless Otherwise Noted
V.I.F. - Verify In Field
VERT. - Vertical
W/ - With
W.D. - Wood
W.P. - Work Point
W.R.B. - Water Resistant Barrier
W.W.F. - Welded Wire Fabric
XSP - Extra Strong Steel Pipe

1701 TD02

ABBREVIATIONS

(N) column above
(N) column below
(N) column above and below
keyed notes
(N) wall above
(E) wall above
(E) wall
(E) wall below
(N) grade beam
(N) concrete slab
(E) to be removed
(E) walls to be removed
(E) roof edge
change in top of slab elevation
(N) approved compact fill
(N) granular fill
(N) stone veneer

gas meter
water meter
electrical meter
property line
cleanout at grade
tree
4" PVC tightline roof drainage
4" PVC perforated subdrain
(E) contours
proposed contours
joint pole
roof drain
electrical service
gas service
sanitary sewer service
water service

2001 ZTD01

LEGEND

Door number (for door schedule)
Room number (for finish schedule)
Partition Type
Window number (for window schedule)
Detail number / Sheet location
Building section number / sheet location
Elevation number / Sheet location
Interior elevation number / Specific wall / Sheet location
Reference Point
Spot elevation

2001 ZTDA01

SYMBOLS

GENERAL NOTES

1. All work shall comply with the contract documents which include the owner/contractor agreement, the drawings, and all addenda and modifications issued by the Architect.
2. Any errors, omissions, or conflicts found in the the various parts of the construction documents shall be brought to the attention of the Sonoma County Regional Parks (S.C.R.P.) Representative before proceeding with the Work.
3. Typical details have not been called out, please review sheet S0.1.
4. Noted dimensions take precedence over scaled drawings. Do not scale the drawings.
5. Detailed drawings and large scale drawings take precedence over small scale drawings.
6. The Contractor shall review all documents and verify all dimensions and field conditions and shall confirm that all work is buildable as shown. Any conflicts or omissions, etc., shall be immediately reported to the architect for clarifications prior to the performance of any work in question.
7. For construction details not shown, use the manufacturer's standard details or approved shop drawings. These details must be submitted to the architect for approval prior to construction.
8. The Contractor shall obtain all permits and inspections and comply with all codes, laws, ordinances, rules and regulations of all federal, state or local authorities governing the work. The most stringent shall apply.
9. All works shall be carried out in accordance with the latest Building Codes, latest edition.
10. Comply with applicable local, state and federal codes and regulations pertaining to safety of persons, property, and environmental protection.
11. The use of the work "provide" in connection with any item specified is intended to mean that such item shall be furnished, installed and connected where so required, except as noted.
12. The Contractor shall maintain a current and complete set of Construction Documents on the job site during all phases of construction for use of all trades and shall provide all subcontractors with current construction documents as required. The Contractor, in assuming responsibility for their work indicated, shall comply with the spirit as well as with the letter in which they were drawn.
13. Details shown are typical. Similar details apply in similar conditions.
14. Contractor shall personally supervise and direct the work or shall keep a competent employee, authorized to receive instructions and act on the Contractor's behalf, continuously on site during working hours.
15. Remove tools and equipment from site upon completion of work. Leave contract areas and site clean, orderly, and in a condition acceptable for new or other construction.
16. Construction vehicles, materials and other equipment shall not block the road. Park visitors shall not be adversely affected in getting to and from the trail.

GENERAL STRUCTURAL NOTES

The Contractor shall thoroughly review all of the drawings prior to beginning construction. If any discrepancies between the plans and details exist the Contractor shall call the Engineer for clarification. For member sizes, the plans shall generally take precedence over the details. The specifications shall govern where information conflicts between these general structural notes or where information is not given in these general structural notes or on the drawings. Refer to architectural drawings for the following: floor finishes; depressions and curbs on floors; flashing, insets, anchorages, hangers, etc, embed in or attached to the structure; roadways, walks, paving, stairs, terraces, exterior grades, extensions of roof surface and locations of drains and partition walls.

01000 GENERAL

01310 PRECONSTRUCTION CONFERENCE

Prior to beginning any construction, the Contractor shall schedule a Pre-Construction Conference with Sonoma County Regional Parks (S.C.R.P.), the Engineer, Geotechnical Engineer and the Architect to review the conventions and information shown on the plans, details, and specifications as well as the Construction Administration process to be followed during construction. This is also a time for the Contractor to ask any general questions of the design team that may be pertinent to the construction process.

01315 COORDINATION

The Contractor shall coordinate Architectural and Structural requirements. Notify the Architect of any conflicts and do not proceed with the work until conflicts are resolved.

01330 SUBMITTALS

Shop drawings of all steel frame fabrication shall be submitted for the Engineer's review. Items submitted for review shall have Contractor's approval and date indicated on each copy. Submit two copies in addition to copies desired to be returned to Contractor. The Engineer requires two weeks for a complete review of shop drawings. Once approved, if variations between the shop drawings and the original construction drawings (plans & details) exist, the shop drawings shall take precedence.

01400 STRUCTURAL TESTING AND INSPECTION

1. The following checklists are to assist the Contractor in scheduling of testing & inspection related to structural items. The work of other disciplines may require testing and inspection that is additional to the items listed below.
2. Refer to applicable provisions of the project specifications and the general conditions of the contract for S.C.R.P.'s representative, S.C.R.P.'s testing laboratory, and Contractor's responsibilities regarding testing and inspection.
3. Refer to project specifications for more detailed requirements for tests and inspections. The project specifications shall take precedence over the following checklists.
4. Special Inspectors shall be qualified by training and experience for the required inspections and must be acceptable to the S.C.R.P.'s representative. Inspectors shall thoroughly review the applicable portions of the documents. Inspectors shall perform all duties and responsibilities as required by CBC Chapter 17.

Provide Special Inspection in accordance with CBC Chapter 17 for the following work:

1705.2 Structural Steel Construction. For Pipe and HSS members, the Special Inspector shall be provided with mill certificates and material identification data and shall perform visual examination of seam welds inside and outside of the member.
1705.2.1 Shop Material Identification.
1705.2.1 Continuous inspection during the welding of any structural steel with single-pass fillet welds greater than 5/16" welds, multipass welds and complete and partial penetration groove welds in accordance with AWS D1.1.
1705.2.1 Continuous inspection during the field welding of any structural steel in accordance with AWS D1.1.
1705.2.1 Periodic inspection during the welding of any structural steel with single-pass fillet welds less than or equal to 5/16" in accordance with AWS D1.1.
1705.3.4 Installation of post-installed anchors in hardened concrete members
a) Adhesive anchors in horizontally or upwardly inclined orientations to resist sustained tension loads.
b) Mechanical anchors and adhesive anchors not defined in a).
1705.3.5 Verify use of required design mix for all Concrete Construction.
1705.3.6 Prior to concrete placement, take test specimens for compression strength tests for all Concrete Construction.
1705.6 Verify materials, densities and lift thickness during placed and compaction of controlled fill.
1705.6 Periodic inspection of materials below footings prior to placement of reinforcing steel, proper excavation depth, subgrade preparation. Field density tests should be taken for placement and compaction of engineered fill and backfill, and preparation of pavement subgrade. Full-time monitoring during placement and compaction of fills is required to verify that the project specification criteria are satisfied.
1705.15 Fireproofing per Architect Specifications.

Contractor shall call Building Official for inspection of all foundation steel and excavations prior to placing concrete.

The Building Inspector shall notify the Engineer of any construction that is not in conformance with the Contract Documents. This notification shall be by telephone to (510) 922-9888, including leaving a message at the office of the Engineer as to the nature of the situation, with confirmation in writing. Contractor shall be immediately advised of any construction that, in Inspector's opinion, is not in conformance with the Contract Documents.

01401 CONSTRUCTION OBSERVATION

The project Engineer-of-Record shall perform the structural observations per CBC Section 1704.6. The Project Engineer shall be retained by the owner to perform these structural observations per CBC Section 1704.6, reporting any observed deficiencies to the Owner, Contractor, and Building Official, and submitting a final summary report stating site visits have been made, noting any deficiencies, that corrective work has been completed, and that construction proceeded in accordance with the approved plans and applicable codes. Structural observation by the Structural Engineer shall not be construed as special inspection.

Contractor shall give the Engineer 48 hours notice prior to all required testing and observations, U.O.N. Contractor shall call Engineer for observation of:

a. All foundation steel and excavations prior to placing concrete.
b. Prior to the enclosing of forms for all reinforcing steel.
c. The concrete reinforcement, including prestressing tendons, and verify placement.
d. Cast-in anchor bolts installed in concrete, prior to and during placement.
e. The seismic system and nailing, bolting, anchoring and other fastening to other elements of the light framed of the seismic force-resisting system, including shear walls, wood diaphragms, drag struts, shear panels and holdowns, where the fastener spacing is closer than 4 inches on center.
f. All structural members and connections for conformance with the Construction Documents prior to concealment with finish materials.

The Engineer's visits to the construction site are not intended, nor shall they be construed to include a review of the adequacy of the Contractor's safety measures.

The Engineer is not responsible for construction means, methods, techniques, sequences or procedures of construction safety precautions - these are the sole responsibility of the Contractor.

01402 TYPICAL CONDITIONS

Typical details apply to all construction except where shown differently elsewhere.

01403 SPECIFICATIONS

The specifications shall govern where information conflicts between these general structural notes or where information is not given in these general structural notes or on the drawings. Where reference is made to standard specifications, the latest adopted revisions shall be used.

01404 SIMILARITY

If certain features are not fully shown or called for on the drawings or specifications, their construction shall be of the same character as similar conditions that are shown or called for.

01406 EXISTING CONDITIONS

Contractor shall inspect all existing conditions that affect the work shown and shall notify Engineer of any existing conditions which conflict with or differ from the new work shown. Contractor shall not proceed with the work until these conflicts and/or differences are resolved.

01408 BRACING AND SHORING

The Contractor is solely responsible for the conduct of the work, including all construction means, methods, sequencing, and procedures; all bracing and shoring, and all site safety. The Contractor's responsibility for shoring shall include the basic design, assumed soils conditions and estimation of all forces to be resisted together with plans and specifications of the materials and methods to be used, and shall be prepared by a registered Civil Engineer. The Contractor is solely responsible for the structure's temporary stability, including the removal of shoring, backfilling of retaining walls, and any other action which imposes temporary loads on the structure prior to its final stable condition under design loading. The Engineer's site observation visits shall not be interpreted as a review of the Contractor's safety measures.

01420 DESIGN NOTES

01421 CODE

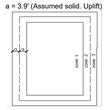
2022 California Building Code (based on International Building Code 2021 Edition).

01422 DESIGN LOADS

Dead loads: in-place material weights with materials as shown in Construction Documents.
Live loads:
Live Roofs ..... 20 psf

Concentrated loads, per CBC.

Design Wind Pressure (primary frame MWFRS), Open Building Directional Procedure, Projected Area Method, CBC 1609:
Exposure C, Basic Wind Speed 110 mph, I = 1.0 (Occupancy Category II):
Stage. Height - to 14' above ground
MWFRS Monoslope Open Building Design Wind Pressure (Chapter 27)
Positive toward roof surface & Negative (Suction)
Roof pressure normal to ridge..... +29.6 psf/ -32.6 psf
Roof Pressure parallel to ridge..... -22.8 psf
Components & Cladding (C&C)
Roof Zones 2 & 3..... 48 psf
Roof Zones 1..... 33 psf
a = 3.9' (Assumed solid. Uplift)



Sails uplift pressure..... 33 psf
Privacy and Stage panel walls (Chapter 29). 8'-0" tall. 25% openings ..... 17.3 psf

Seismic Force, Equivalent Lateral Force Procedure per CBC Section 1613:

Seismic Design Category	E		
Site Class	D		
Occupancy Category II, Importance Factor	I	=	1.0
Fundamental Period	T	=	0.21g
Mapped Short Period Acceleration	Ss	=	2.113g
Site Coefficient	Fa	=	1.0
Design Short Period Acceleration	Sds	=	1.409g
Mapped One Second Period Acceleration	S1	=	0.814g
Site Coefficient	Fv	=	1.70
Design One Second Acceleration	Sd1	=	0.923
Response Modification Factor	R	=	1.25
Seismic Force	Fp	=	1.27W (At Strength Level)

Allowable Soil Pressures
Conventional Spread Footing
Dead + Live Loads..... 2,500 psf
Dead + Live Loads + Lateral Loads ..... 3,000 psf
Allowable Soil Lateral Capacities of Foundation Elements
Friction Factor between soil and footing..... 0.3
Passive Earth Pressure..... 300 pcf
Friction and passive pressure resistance can be combined linearly.

02000 FOUNDATIONS

02352 OBSERVATION AND ACCEPTANCE

Obtain Geotechnical Engineer's approval of foundation excavations prior to placing reinforcing steel and concrete. All determinations of the acceptability of soil conditions shall be by Geotechnical Engineer. The Geotechnical Engineer shall be present at the site to verify proper depth of over-excavation of poor existing fill material as well as engineered fill recompaction and drilling of all piers and observation of excavation before placing any fill material, steel reinforcing or concrete.

Contractor shall refer to approved plans as well as Civil and Sitework Specifications for general excavation and grading requirements at the Pavilion.

03000 CONCRETE

03001 GENERAL

All concrete shall conform to American Concrete Institute "Specifications for Structural Concrete for Buildings (ACI 301)," with selected ACI and ASTM references, as well as ACI field reference manual, SP-15, except as modified below (numbers in parentheses refer to corresponding paragraphs of ACI 301).

03200 CONCRETE REINFORCEMENT

Reinforcing bars: ASTM A615, Grade 60 minimum; lap per schedule or 63 bar diameters minimum (5.2;5.57), welded wire fabric; ASTM A185; lap 22" min (5.2.5).
Epoxy Coated reinforcing: ASTM A775 / A775M, Grade 60 minimum; in the cantilevered slab of the Summit Shelter as called for on the plans.
Do not weld reinforcement (5.3),
Concrete protective cover for reinforcement (5.5.1): Contractor shall provide no more and no less than the specified cover for all beam ties, column stirrups, and wall and slab reinforcing.

Detailing and placing: conform with ACI 315, concrete reinforcing steel institute MSP-2, and CRSI "Placing Reinforcing Bars," latest edition (5.1.2).

03250 CONCRETE ACCESSORIES

03251 Capsule : Hilti HVA adhesive anchor as supplied by Hilti, Inc.,
Tulsa, OK, or approved equivalent, installed in accordance with the manufacturer's written instructions.

03252 Powder-driven Fasteners: as manufactured by Hilti, Inc., Tulsa, OK, or approved equivalent, installed in accordance with the manufacturer's written instructions.

03253 EPOXY ANCHORS

Epoxy Anchors into cracked concrete:
1. Simpson "SET-3G" epoxy anchors as supplied by Simpson Strong-Tie, installed in accordance with the manufacturer's written instructions and ICC-ES ESR-4057, latest edition.
2. Hilti "HIT-HY 200" epoxy anchors for hammer drilled holes and anchors embedded 12 inches or less as supplied by Hilti, Inc., installed in accordance with the manufacturer's written instructions and ICC-ES Report ESR-3187, latest edition.
3. Or equivalent as approved by Engineer of Record.

03254 EXPANSION ANCHORS:
1. Simpson "Strong-Bolt" expansion anchor as supplied by Simpson Strong-Tie, installed in accordance with the manufacturer's written instructions and ICC-ESR Report 1771, latest edition.
2. Hilti "Kwik Bolt-TZ" expansion anchor as supplied by Hilti, Inc., installed in accordance with the manufacturer's written instructions and ICC-ESR Report 1917, latest edition.
3. Or equivalent as approved by Engineer of Record.

03255 POWDER ACTUATED FASTENERS:
1. Simpson "PDP" pins as supplied by Simpson Strong-Tie, installed in accordance with the manufacturer's written instructions and ICC-ESR Report 2138, latest edition.
2. Hilti "X-DNI" pins as supplied by Hilti, Inc., installed in accordance with the manufacturer's written instructions and ICC-ESR Report 1663, latest edition.
3. Or equivalent as approved by Engineer of Record.

03300 CAST-IN-PLACE CONCRETE

03301 GENERAL

Slabs on Grade, Foundations and Walls (Normal Weight)
Minimum compressive strength, f'c at 28 days ..... 3,000 psi *
Maximum slump: ..... 4"
Maximum water to cement ratio: 0.45
*Note: no special inspection required as f'c (design) = 2,500 psi
Replace a minimum of 20% and a maximum of 35% of cement content with fly ash conforming to ASTM C618 Class C or F.
Aggregate shall be 1" x #4 coarse, clean, uncoated, processed aggregate containing no clay, mud, loam or foreign matter, as follows:
a. Crushed stone, processed from natural rock or stone.
b. Natural or crushed gravel. Do not use pit, bank run, or pea gravel.
Use no calcium chloride in any concrete (3.7.1).
Provide internal vibration of all concrete (8.3.4)
Hot weather concreting: conform to recommendations contained in "Hot Weather Concreting," ACI 305R-10.
Cold weather concreting: conform to recommendations contained in "Cold Weather Concreting," ACI 306R-10.

03302 CURING

Concrete surfaces exposed to the atmosphere within 7 days of placement shall be protected and cured as necessary until specified design strength has been achieved (12.2).
At greater rates of cement replacement with either slag or fly ash the early strength and setting for flat work can be delayed, and in some cases, the 28 day design strength may have to be exceeded to 56 days or more. In either case, the construction needs and schedules will impact the cement replacement percentage.
Care should be taken to ensure that proper curing is maintained for concretes in which slag or fly ash has been substituted for a portion of the Portland cement. With an increased time of set and a reduced rate of strength gain, concretes containing ground granulated blast furnace slag may be more susceptible to cracking caused by drying shrinkage.

03304 SLABS ON GRADE

Place slabs over 4" clean, free-draining crushed rock placed on the prepared subgrade scarified to a depth of 6 inches, moisture conditioned, and compacted to 95% Relative Compaction or in accordance with the Engineer's recommendations. Where subgrade extends into undisturbed bedrock, the subgrade does not need to be scarified and compacted prior to placement of additional fill. Slope subgrade to drain.

03321 CONCRETE FIELD TESTING

1. Concrete Test Samples: Samples for concrete tests shall be taken in accordance with ASTM C 172. Test cylinders shall be cured under conditions not more favorable than the most unfavorable conditions for portions of concrete which specimens represent. Casting and curing on test cylinders shall be the responsibility of the Contractor. Testing of samples shall be carried out by an independent testing agency meeting the requirements of ASTM C 1077.
2. Concrete Strength Tests on concrete:
a. Frequency of concrete sampling: For concrete (A) at or below grade, B) above grade and not part of the lateral force resisting system. Samples for concrete compressive strength tests of each class of concrete placed each day shall be taken not less than once per day or per batch, nor less than once for every (A) 150, B) 25, nor less than once for every (A)5000, B)2000 ft2 surface area for slabs or walls. A sample shall consist of four standard cylinders, one to be tested at 7 days, one to be tested at 14 days, and the remainder to be tested at 28 days, as required.
b. Acceptance of concrete shall be based on strength test results of standard cured cylinders in accordance with ASTM C 31 and tested at 28 days in accordance with ASTM C 39. Strength test results are defined as the average of a minimum of two specimens. Additional specimens for testing may be made at contractor's option and expense.
c. When cylinders are made, tests of slump, air content, temperature, and density shall be made and recorded with the strength test results.
d. Strength of each concrete class shall be deemed satisfactory when the following criterion is met:
No individual compressive-strength test result (i.e. the average of two cylinders minimum) falls below specified compressive strength by more than 500 psi.
e. When compressive strength tests indicate low strength, follow procedure in ACI 318 chapter 5.6.4 *investigation of low-strength test results.*
f. Submit certified test report of cylinders to Engineer.

05000 STRUCTURAL STEEL

05120 MATERIALS

All structural steel, fabrication and erection methods shall conform to the American Institute of Steel Construction (AISC) "Code of Standard Practice for Steel Buildings and Bridges," June, 2016. Where applicable, all cross sectional dimensions and production tolerances shall meet ASTM A6.

Rolled steel angles and channels: ASTM A572,minimum yield stress fy=50 ksi
Rolled steel plates and bars: ASTM A572, minimum yield stress fy=50 ksi
Rolled steel W and WT sections: ASTM A992, minimum yield stress fy=50 ksi
Steel pipe: ASTM A53, Type E or S, Grade A, minimum yield stress fy=30 ksi
HSS rectangular section: ASTM A500, Grade B, minimum yield stress fy=46 ksi
HSS round section: ASTM A500, Grade B, minimum yield stress fy=42 ksi
Weathering steel: ASTM A588 or ASTM A847, Grade B, minimum yield stress fy=46 ksi
Structural shapes shall be spliced only as shown on the drawings.
Weathering steel sheet: ASTM A606 Type 4.

05121 CONNECTIONS

All bolted connections shall conform to the AISC and shall use high strength threaded fasteners UON.
Anchor Bolts: ASTM F1554 - 55ksi yield strength, provide washers under nuts and heads. All anchor bolts in contact with treated wood with high copper content shall be stainless steel or hot dipped galvanized G-185.

Unfinished Threaded Fasteners: ASTM A307, Grade A, regular low carbon steel bolts and nuts. All exterior fasteners including bolts, nuts, washers, rods, turnbuckles shall be galvanized.

High Strength Threaded Fasteners: ASTM A325, heavy hexagonal structural diameter.
Bolts: heavy hexagonal nuts, and hardened washers.
Holes shall be cut, drilled or punched to a diameter 1/16" larger than the bolt holes. Holes shall not be burned or enlarged by flame cutting.

05122 WELDING

Welding shall conform to the provisions of the American Welding Society "Structural Welding Code-Steel (ANSI/AWS D1.1/D1.1M:2015)," and shall be performed by AWS qualified welders, and inspected by a AWS certified welding inspector. All welding shall use 70 ksi nominal classification tensile strength with low hydrogen electrodes and matching filler material.

05130 BASE PLATES

Bearing plates shall be clean and free from bond-reducing materials, to improve bond during concrete pour. Tighten anchor bolts after the supported members have been positioned and plumbed. Pack 5 high strength non-shrink grout solidly between bearing surfaces and bases or plates to assure that no voids remain. Non-shrink grout shall be non-metallic grout to conform with ASTM C1107 and shall attain a minimum 28 days compressive strength of 5,000 psi.

06000 STRUCTURAL WOOD

06050 FASTENERS AND ADHESIVES

Nails and screws: if splitting occurs during nailing, predrill wood with hole size one size smaller than fastener diameter.
All fasteners shall be 18-8 stainless steel or hot dipped galvanized (HDG).

Lag bolts: predrill full shank diameter for shank; predrill 60-75 percent of shank diameter for threaded portion.

Bolts: drill 1/16" oversize lead holes in wood and steel. Do not force bolts into misaligned or undersigned holes.

06051 HARDWARE

Provide Simpson Strong-Tie Co., Inc., hardware as shown or approved equivalent. All prefabricated metal connectors are to be Simpson HDG coated or are to have an equivalent G185 zinc coating, per ASTM A 153.

Fasteners for preservative-treated and fire-retardant-treated wood shall be of hot dipped zinc-coated galvanized steel, stainless steel, silicon bronze, or copper. The coating weights for zinc-coated fasteners shall be in accordance with ASTM A 153.

06053 MISCELLANEOUS STEEL

Steel: ASTM A572, minimum yield stress fy=50 ksi.
Bolts: ASTM A307, provide washers under nuts and heads.
Fabrication shall conform to the American Institute of Steel Construction (AISC) "Code of Standard Practice for Steel Buildings and Bridges," 2016.
Welding shall conform to the American Welding Society "Structural Welding Code-Steel (ANSI/AWS D1.1/D1.1M:2015)," and shall be performed by AWS qualified welders and inspected by AWS certified inspectors.

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

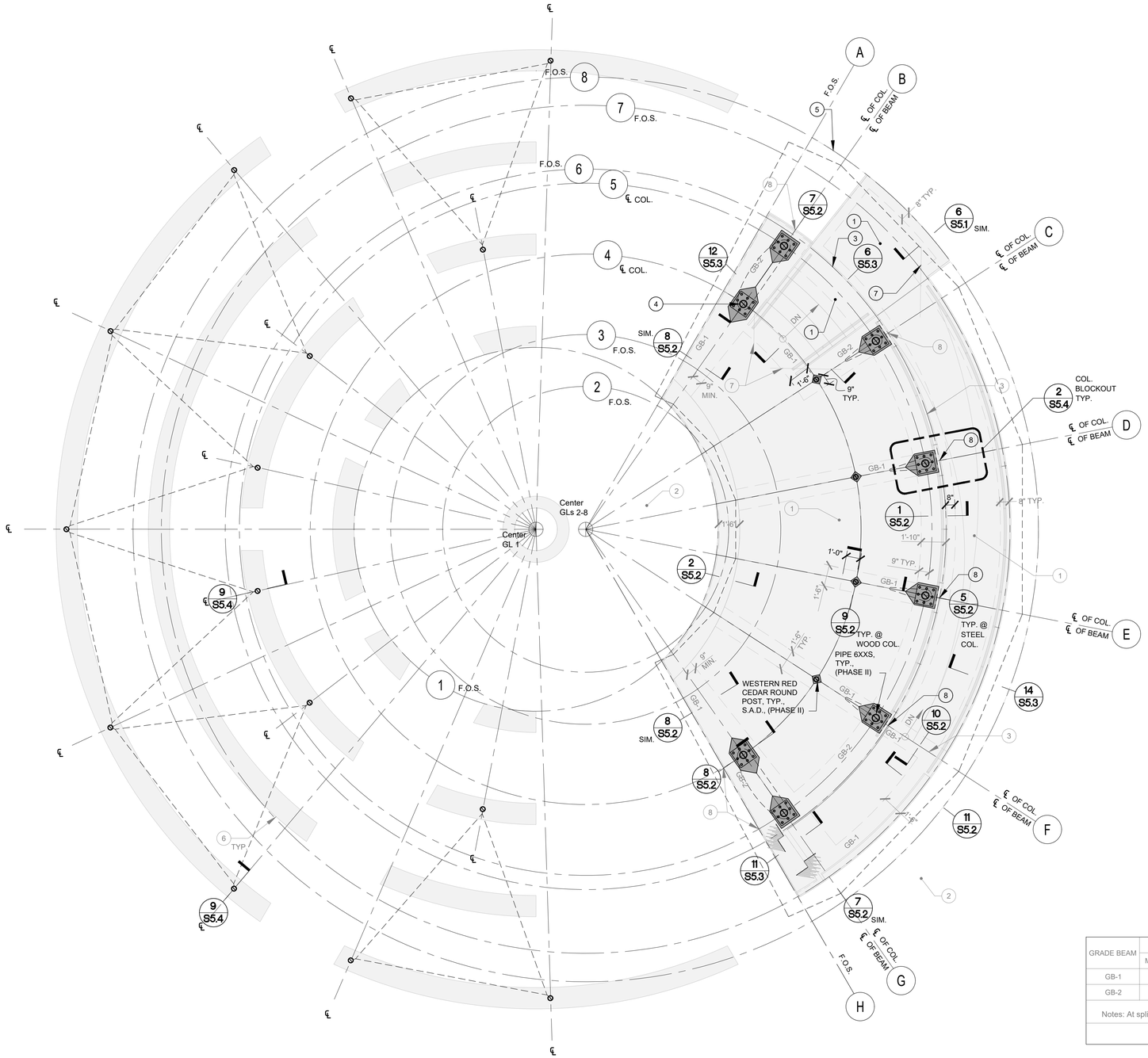
SHEET TITLE
GENERAL STRUCTURAL NOTES

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.922.9888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER J. WARE
No. C 46323
12-31-26
CIVIL
STATE OF CALIFORNIA

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	N/A
DATE	JULY 22, 2025
SHEET	S0.1
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 S0.1 General Structural Notes.dwg 7/22/2025 6:26 PM csri hartigan



GENERAL NOTES:

1. Detail scales are for reference only. Do not scale from drawings.
2. See sheet S0.1 for structural notes & abbreviations. See sheet S5.1 for typical details.

FOUNDATION NOTES: (PHASE I, N.I.C.)

1. Dimensions and elevations shown are for reference only and shall not be used for layout. Refer to architectural drawings for layout dimensions and elevations.
2. Contractor shall refer to plans, details, and sheet S0.1 Structural Notes Section 02000 Foundations for general excavation and grading requirements as required at the Stage.
3. Prior to the Contractor requesting a foundation inspection, a Geotechnical Engineer shall observe the work and verify that:
   A. The building excavation and building pad was prepared in accordance with the approved plans.
   B. The foundation forming and grading comply with the approved plans.
   C. The drainage system is in accordance with the approved plans.
4. Contractor shall call Engineer (48 hrs. notice) and building official for observation of all foundation reinforcing and excavation prior to placing concrete.
5. For foundation specifications and additional notes see sheet S0.1 Structural Notes.
6. Utilities are not shown on these plans. The Contractor is responsible for marking all underground and above ground utilities and taking all necessary precautions during construction.
7. All foundation subdrainage shall be installed per the Geotechnical Engineer's recommendations and shall consist of 4" perforated PVC Schedule 40 pipe with a minimum SDR of 35, ¾" clean crushed drain rock wrapped in geotextile fabric Mirafi 140N or equal.
8. See Landscape Architectural and Civil Engineer drawings for drainage, typ.
9. Slope finished grade along exterior foundations. See Landscape Architectural and Civil Engineer drawings.
10. See architectural drawings for slab dimensions.
11. Bottom of spread footing shall be 1'-0" min. from lowest adjacent finished grade and over approved fill per Geotechnical recommendations. Extend the fill for a minimum distance of 5 feet beyond the perimeter of the foundations.
12. Footing of all concrete retaining walls shall bear directly on properly compacted structural fill with 95% relative compaction.

KEYED NOTES:

1. 6" min. colored (S.L.A.D.) concrete slab on grade with #4 bars at 9" O.C., E.W. @ mid-depth. Place slabs over 6" clean, free-draining ½"-¾" crushed rock over 30 inches non-expansive, moisture conditioned Geotechnical approved engineered fill (90% relative compaction) placed on the prepared subgrade soil. Extend the fill 5 feet beyond perimeter of the foundations and 3 feet beyond concrete slabs. Provide control joints @ 15'-0" MAX, O.C., S.A.D. and detail 8/SS.1, TYP. U.O.N. Provide slab blockouts at columns per plan A1.0 & detail 2/SS.4. (Phase I, N.I.C.)
2. For exterior finish and paving, S.L.A.D. (alternate bands: broom finish & sandblast) (Phase I, N.I.C.)
3. Expansion joint, provide continuous ⅜" pre-molded joint filler & sealant, see 5/SS1. (Phase I, N.I.C.)
4. Provide ⅜" wrapped foam and sealant around at Col. where in contact w/ concrete, see 5/SS.2, typ. (Phase II).
5. Extent of roof above, (Phase II).
6. Concrete seatwall and embedded post (Phase 1, N.I.C.), S.L.A.D., Add Alt 1: Shade poles, see 9/SS.4 & S.L.A.D. (Phase II)
7. #3x5'-0" diagonal bar on slab on grade at re-entrant corners , TYP. (Phase I, N.I.C.)
8. ½" Wall control joints at steel columns, S.A.D., & 2/S5.4. (Phase I, N.I.C.)

GRADE BEAM	SIZE		REINFORCING			STIRRUPS		
	MIN. WIDTH	MIN. DEPTH	BOTTOM	TOP	SKIN REINF.	SIZE	SPACING	# REQ'D
GB-1	18"	30"	(3) #5	(3) #5	#5 @ 8" O.C.	#4	7"	CONT.
GB-2	21"	30"	(4) #5	(4) #5	#5 @ 8" O.C.	#4	7"	CONT.

Notes: At splice length, provide stirrups spacing at 3" O.C.

2001 ZTD14

GRADE BEAM SCHEDULE

STAGE FOUNDATION PLAN

0 1' 2' 4'

N

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

STAGE FOUNDATION PLAN

WARE

ARCHITECTURE ENGINEERING

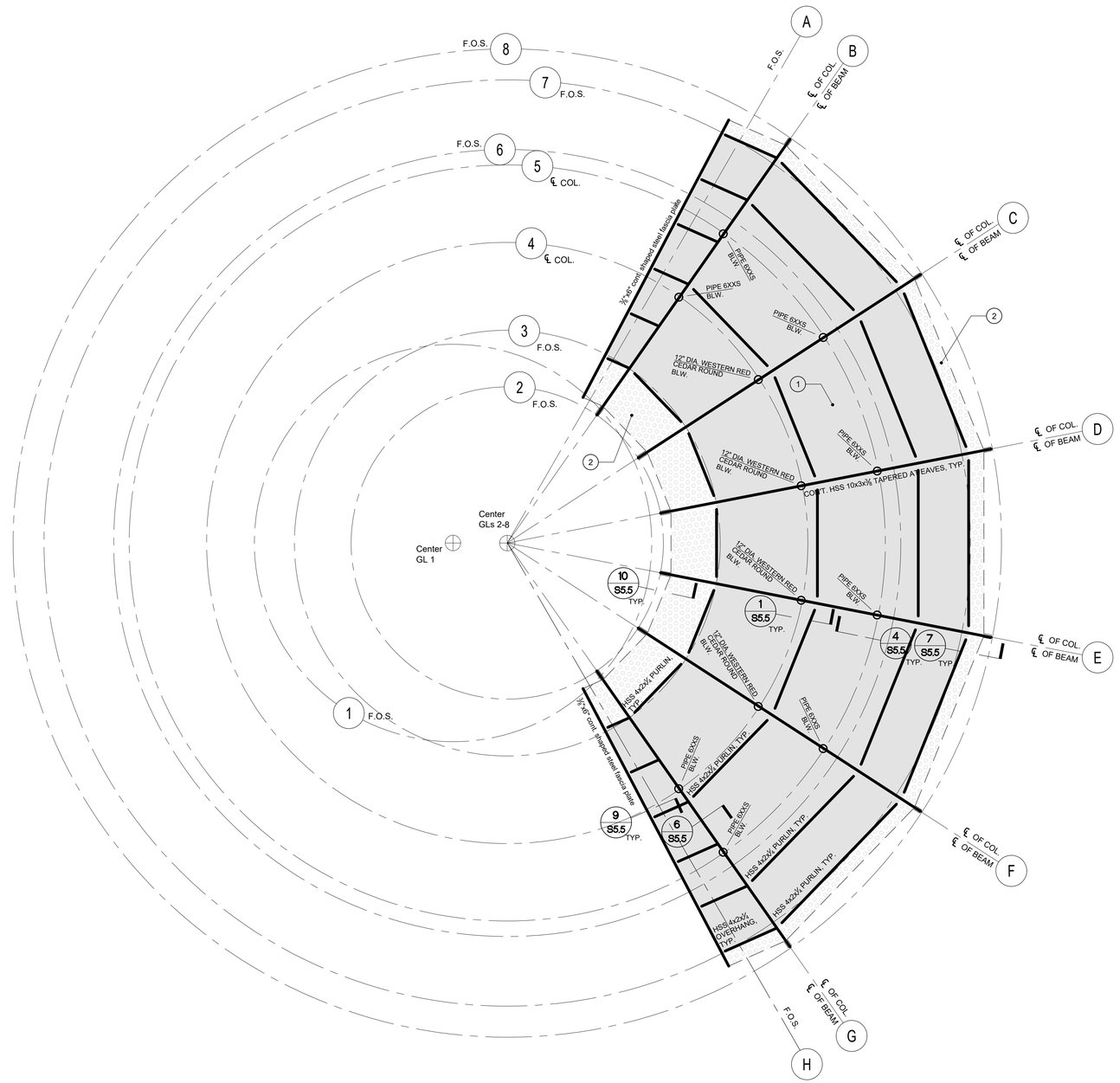
440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.922.9888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER JOHN D. WARE C-46323 CIVIL STATE OF CALIFORNIA

12-31-26

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	¼" = 1'-0"
DATE	JULY 22, 2025
SHEET	S1.1
	OF

Q:\2020 Design\20-01 ROG Tolay Lake Stage\Contract Documents\2001 S1.1 Foundation Plan.dwg 7/22/2025 6:26 PM csri harligan



LEGEND:

- COLUMN BELOW
- (1) KEYED NOTES
- ROOF EDGE
- FOLDING METAL PANEL, S.A.D.

STAGE ROOF FRAMING PLAN

0 1' 2' 4'

N

KEYED NOTES:

(1) 3/16" Aluminum PL., see sheet A1.2, Specifications Section 05 50 00 & details sheet S5.5. (Phase II)

(2) 3/16" Aluminum Perforated PL., see sheet A1.2, Specifications Section 05 50 00, S.A.D. (Phase II)

FRAMING NOTES:

1. All Steel shall be painted, S.A.D. & Specifications Section 05 12 00 for finishes.

GENERAL NOTES:

1. Detail scales are for reference only. Do not scale from drawings.
2. See sheet S0.1 for structural notes & abbreviations. See sheet S5.4 & S5.5 for details.

NOTES:

Contractor to provide Shop Drawings for review prior to ordering steel and roof plates. Fabricator to eliminate all moisture prior to sealing the hollow sections.

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

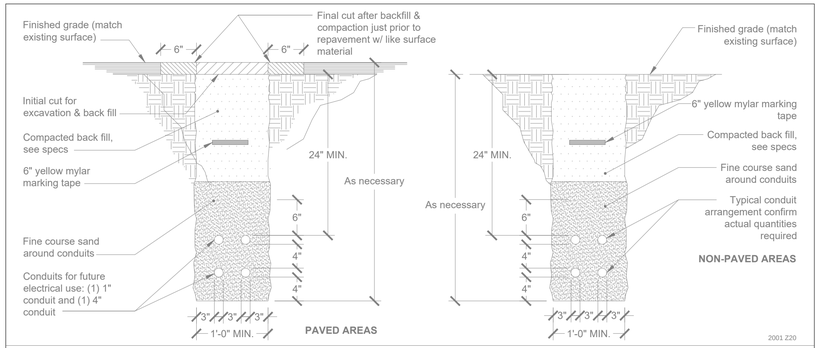
STAGE ROOF PLAN

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9888 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER JOHN WILLIAM WARE No. C 46323 CIVIL STATE OF CALIFORNIA

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	=
DATE	JULY 22, 2025
SHEET	S1.2
	OF

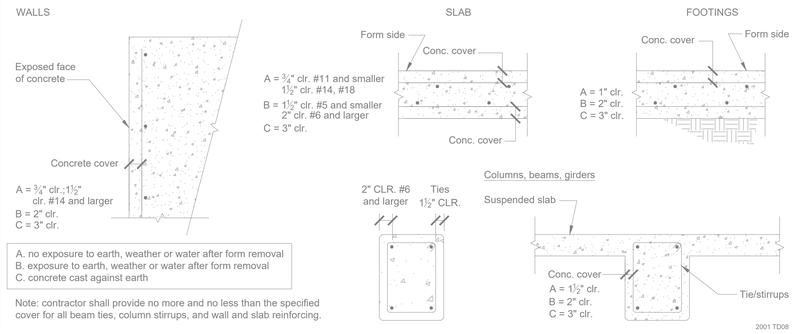
Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 S1.2 Roof Plan.dwg 7/22/2025 6:26 PM cori hartigan



2001 Z20

13 TYPICAL TRENCH SECTIONS

0 3 6 12

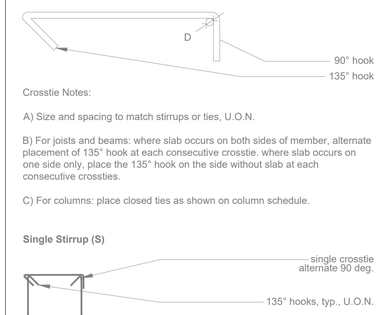


Note: contractor shall provide no more and no less than the specified cover for all beam ties, column stirrups, and wall and slab reinforcing.

2001 TD08

7 TYPICAL CONCRETE COVER

0 3 6 12



Crosstie Notes:

A) Size and spacing to match stirrups or ties, U.O.N.

B) For joists and beams: where slab occurs on both sides of member, alternate placement of 135° hook at each consecutive crosstie. where slab occurs on one side only, place the 135° hook on the side without slab at each consecutive crossties.

C) For columns: place closed ties as shown on column schedule.

Single Stirrup (S)

Double Stirrup (D)

Closed Tie

Stirrup Notes:

A) For size and spacing of stirrups see beam schedule.

B) For typical bar hooks and bends see typical reinforcing bends, hooks and offset detail.

2001 ZTD10

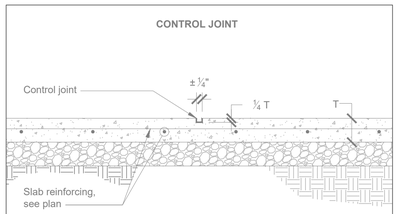
2 TYPICAL STIRRUPS AND TIES

F'c MIN CONCRETE STRENGTH PSI	BAR TYPE	#3		#4		#5		#6		#7		#8		#9		#10		#11	
		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS	
		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
3000 N.W.C.	TOP BAR	23	29	29	38	37	47	43	56	63	82	72	94	81	106	91	119	102	132
	ALL OTHER BARS	17	22	22	29	28	36	33	43	48	63	55	72	62	81	70	91	78	101

Notes:
1. Lap splices are Class B and development lengths (LD) are Class A, U.O.N.
2. Use class B for all lap splices except class A may be used for non-structural slabs on grade.
3. Top bars = horizontal bars (other than in walls) placed with more than 12" of fresh concrete cast below bars.
4. Typical lap splice and development lengths require minimum clear of 1 ½ bar dia. to adjacent continuous bar and minimum clear spacing between lapped bar bundles of 2 bar dia. Stagger lap splices of adjacent bars where necessary to achieve minimum clear spacing between lapped bars.
5. At columns confined by ties and spliced using offset splices, minimum clear spacing between lapped bars may be reduced to 1 ½ bar dia.
6. Splice shall be contact lap splices, except where noncontact splices are indicated on drawings. At noncontact splices space bars maximum ⅕th of lap length, 6 inches maximum on center.
7. Where center to center spacing of bars to be spliced is closer than 3 bar dia. (2 bar dia. at columns and beams), multiply tabulated values by 1.5.
8. For lightweight concrete, multiply tabulated values by 1.3.
9. Lap splices of bundled bars:
   9.1. At three bar bundles, multiply tabulated values by 1.2.
   9.2. At four bar bundles, multiply tabulated values by 1.3.
   9.3. Individual bar splices within the bundle shall not overlap.
10. Where different bar sizes are spliced in tension, splice length shall be the larger of splice class A of the larger bar and the tension lap splice length of the smaller bar.
11. Where developed bars have a minimum cover of 2 bar dia. and the clear spacing between developed bars is 4 bar dia. minimum, short development length shall be allowed (applies only to NW concrete and Gr. 60 reinforcing).
12. Hooked development lengths may be multiplied by 0.7 (24 bar dia. minimum), where side cover is 2 ½" or greater and for 90° hook the cover on the bar extension is at least 2".
13. Headed bar embedment lengths apply only to NW concrete. Clear cover to bar shall be 2 bar dia. minimum and clear spacing between bars shall be 4 bar dia. minimum.

2001 ZTD50

14 REINF. BAR LAP SPLICE AND DEVELOPMENT LENGTH SCHEDULE IN CONCRETE

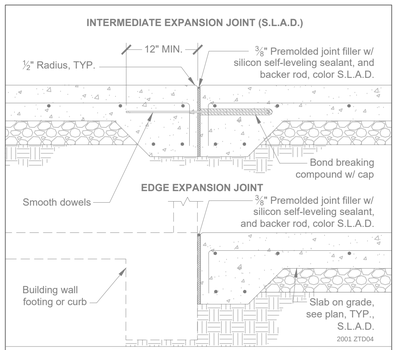


Notes:
1. Continuous sawcut control joint. Sawing must occur as soon as concrete surface is firm enough so concrete will not be damaged, but not later than 12 hours after concrete has been poured. Alternatively form joint with premolded strip cast in concrete.
2. Apply filler when slab is at controlled service temperature.
3. Place at 30T O.C. max or as shown on foundation plan.

2001 ZTD3A

8 CONTROL JOINT CONCRETE SLAB-ON-GRADE

0 3 6 12

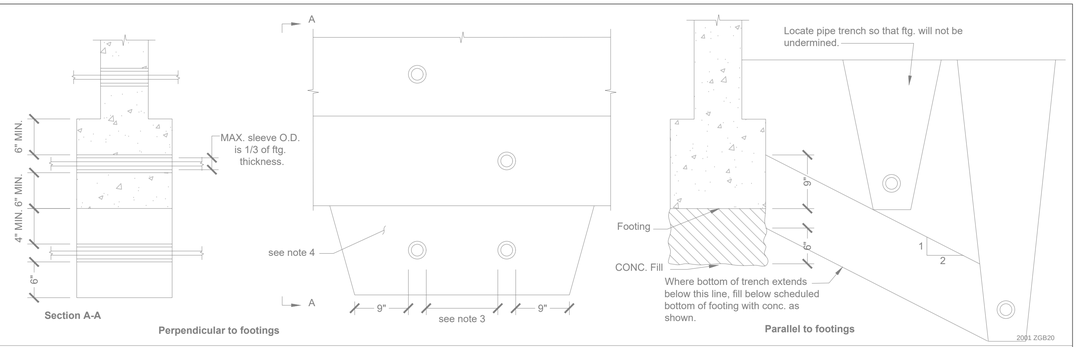


2001 ZTD04

5 TYPICAL SLAB ON GRADE EXPANSION JOINT

0 3 6 12

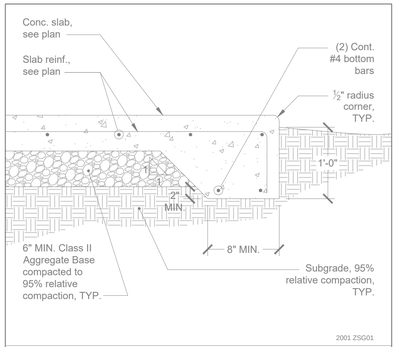
Notes:
1. Do not pass pipes through isolated spread footings.
2. Provide sleeves for all pipes passing through concrete with I.D. 2" larger than pipe diameter.
3. Clearance between adjacent sleeves shall be not less than dia., of larger sleeve or 6" minimum.
4. For pipes below grade beams, excavate as shown and fill with concrete, before pouring footing pad fill shall be same width as ftg. and full width of pipe trench.



2001 ZGB20

15 TYPICAL PIPE TRENCHES AND PENETRATION AT FOOTINGS AND WALLS

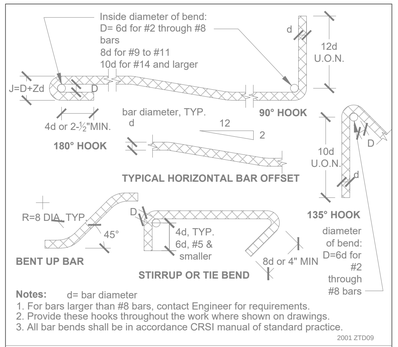
0 3 6 12



2001 ZSG01

6 TYP. THICKENED SLAB ON GRADE EDGE

0 3 6 12



Notes: d= bar diameter
1. For bars larger than #8 bars, contact Engineer for requirements.
2. Provide these hooks throughout the work where shown on drawings.
3. All bar bends shall be in accordance CRSI manual of standard practice.

2001 ZTD09

3 TYP. REINF. BENDS, HOOKS AND OFFSET

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE
TOLAY LAKE GATHERING AREA
CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL
PHASE II ROOF BID SET

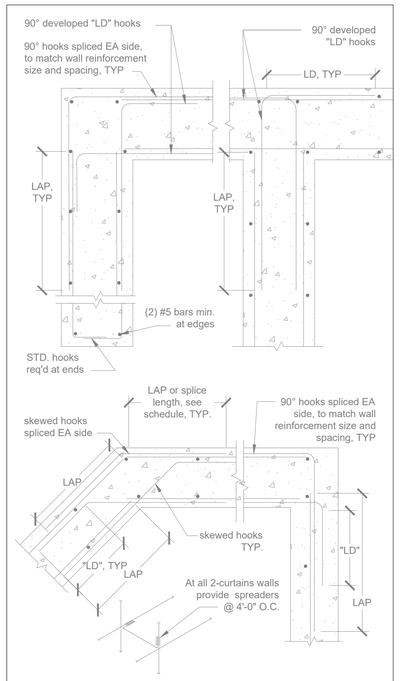
SHEET TITLE
TYPICAL DETAILS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9888 info@ware-associates.com

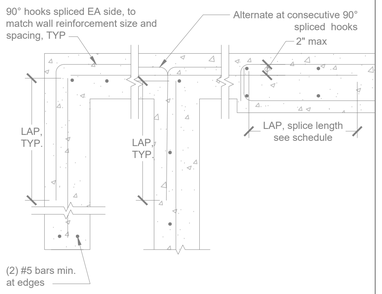
REGISTERED PROFESSIONAL ENGINEER JOHN WILLIAM WARE No. C 46323 CIVIL STATE OF CALIFORNIA

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	S5.1
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 S5.1 Details.dwg 7/22/2025 6:26 PM cori hartigan



TYPICAL TWO LAYER HORIZONTAL REINFORCING WALLS & FTGS



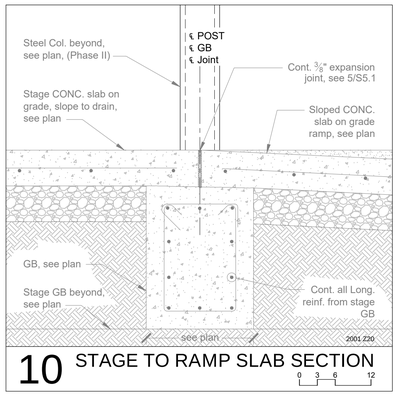
SINGLE LAYER HORIZONTAL REINFORCING WALLS & FTGS.

Notes:
1. LD= Development Length, see schedule.
2. Lap splice horizontal wall steel using class "B" top bar splices, see schedule.
3. For wall reinf. see plan and schedule

2115 ZTD17a

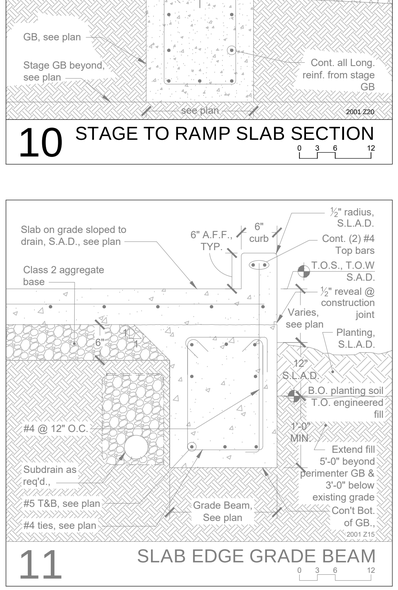
15 TYPICAL CORNER REINFORCING WALLS & FOOTINGS

0 3 6 12



10 STAGE TO RAMP SLAB SECTION

0 3 6 12

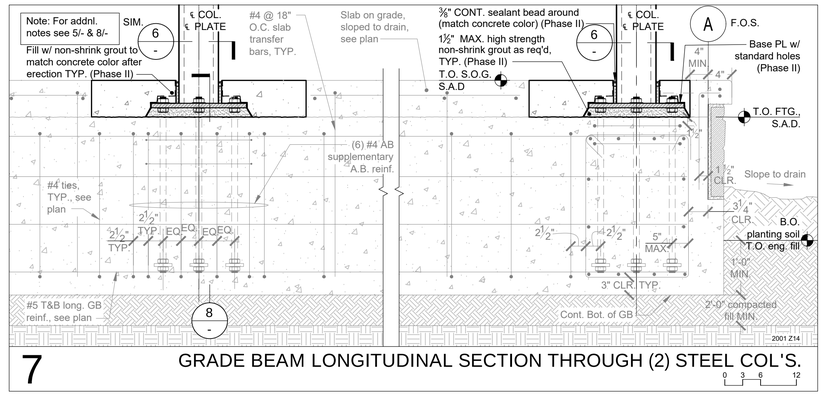


11 SLAB EDGE GRADE BEAM

0 3 6 12

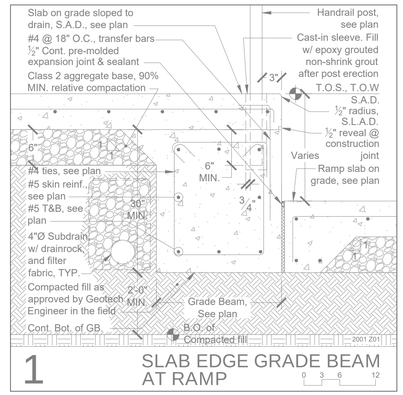
12 WALL CONTROL JOINT DETAIL

0 2 4 8



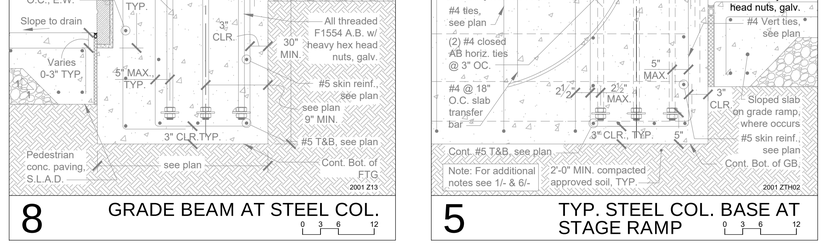
7 GRADE BEAM LONGITUDINAL SECTION THROUGH (2) STEEL COL'S.

0 3 6 12



1 SLAB EDGE GRADE BEAM AT RAMP

0 3 6 12

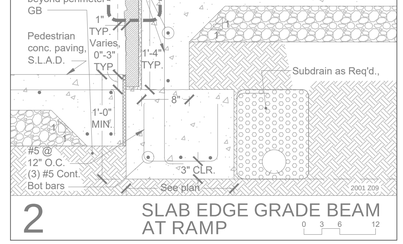


8 GRADE BEAM AT STEEL COL.

0 3 6 12

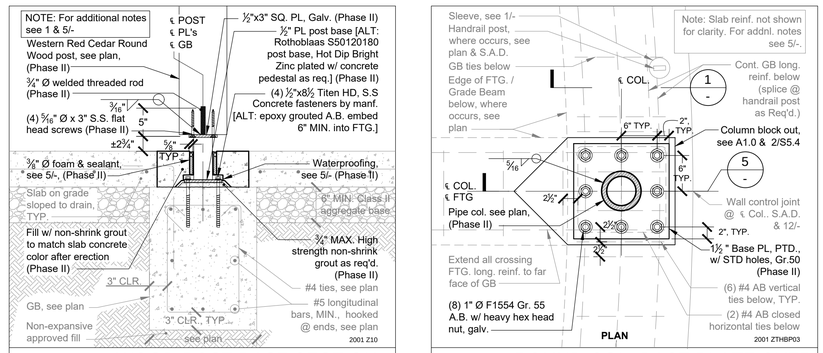
5 TYP. STEEL COL. BASE AT STAGE RAMP

0 3 6 12



2 SLAB EDGE GRADE BEAM AT RAMP

0 3 6 12

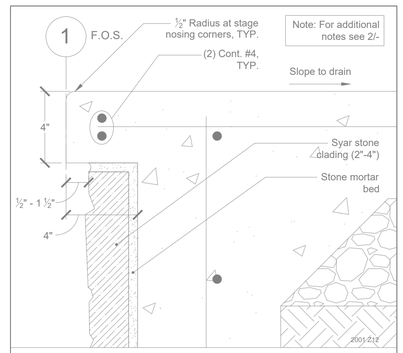


9 WOOD POST BASE SECTION

0 3 6 12

6 ROUND COL. BASE PLATE OVER GRADE BEAM

0 3 6 12



3 STAGE NOSING

0 1 2 4

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

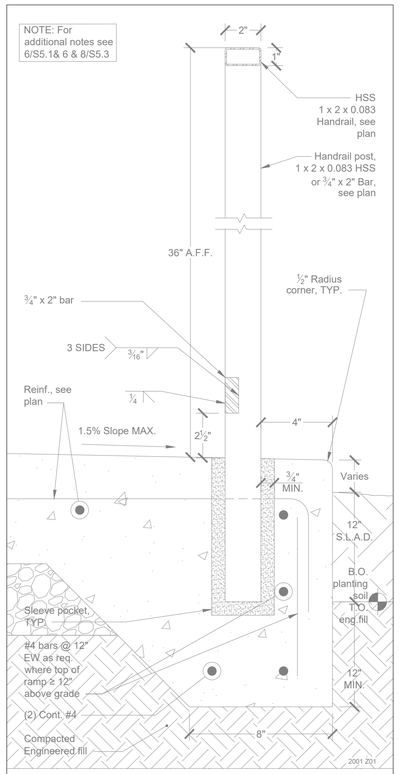
DETAILS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9668 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
CARY CHINLAN WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA

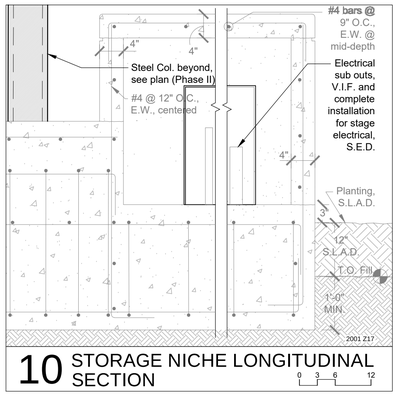
DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	S5.2
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 S5.2 Details.dwg 7/22/2025 6:27 PM carl hartigan



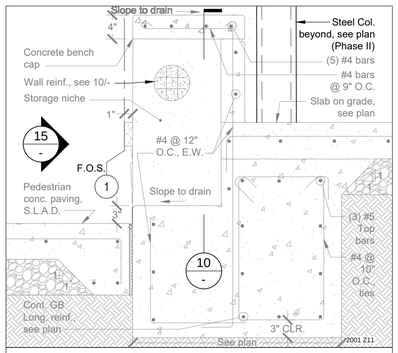
14 HANDRAIL AT RAMP

0 1 2 4



10 STORAGE NICHE LONGITUDINAL SECTION

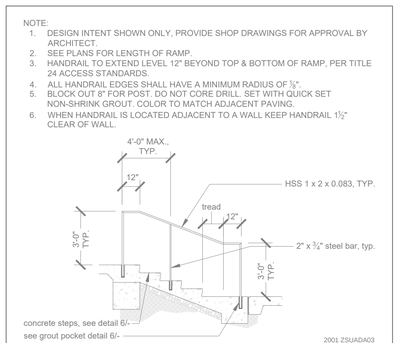
0 3 6 12



11 STORAGE NICHE SECTION

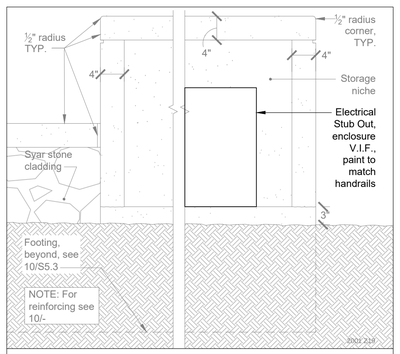
0 3 6 12

NOTE:
1. DESIGN INTENT SHOWN ONLY, PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT.
2. SEE PLANS FOR LENGTH OF RAMP.
3. HANDRAIL TO EXTEND LEVEL 12" BEYOND TOP & BOTTOM OF RAMP, PER TITLE 24 ACCESS STANDARDS.
4. ALL HANDRAIL EDGES SHALL HAVE A MINIMUM RADIUS OF ⅛".
5. BLOCK OUT 8" FOR POST. DO NOT CORE DRILL. SET WITH QUICK SET NON-SHRINK GROUT. COLOR TO MATCH ADJACENT PAVING.
6. WHEN HANDRAIL IS LOCATED ADJACENT TO A WALL KEEP HANDRAIL 1½" CLEAR OF WALL.



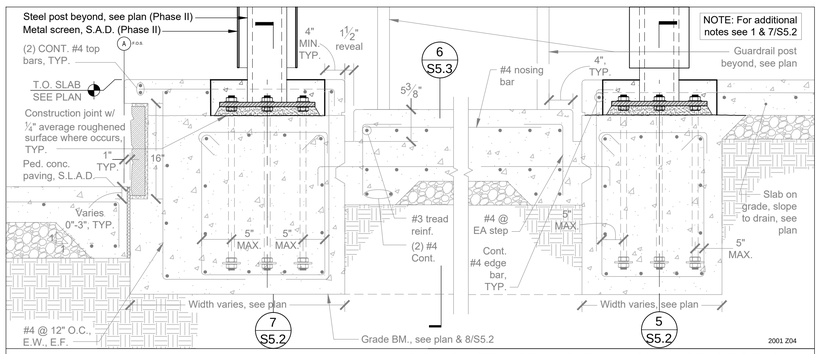
8 SINGLE TUBE HANDRAIL

0 1' 2' 4'



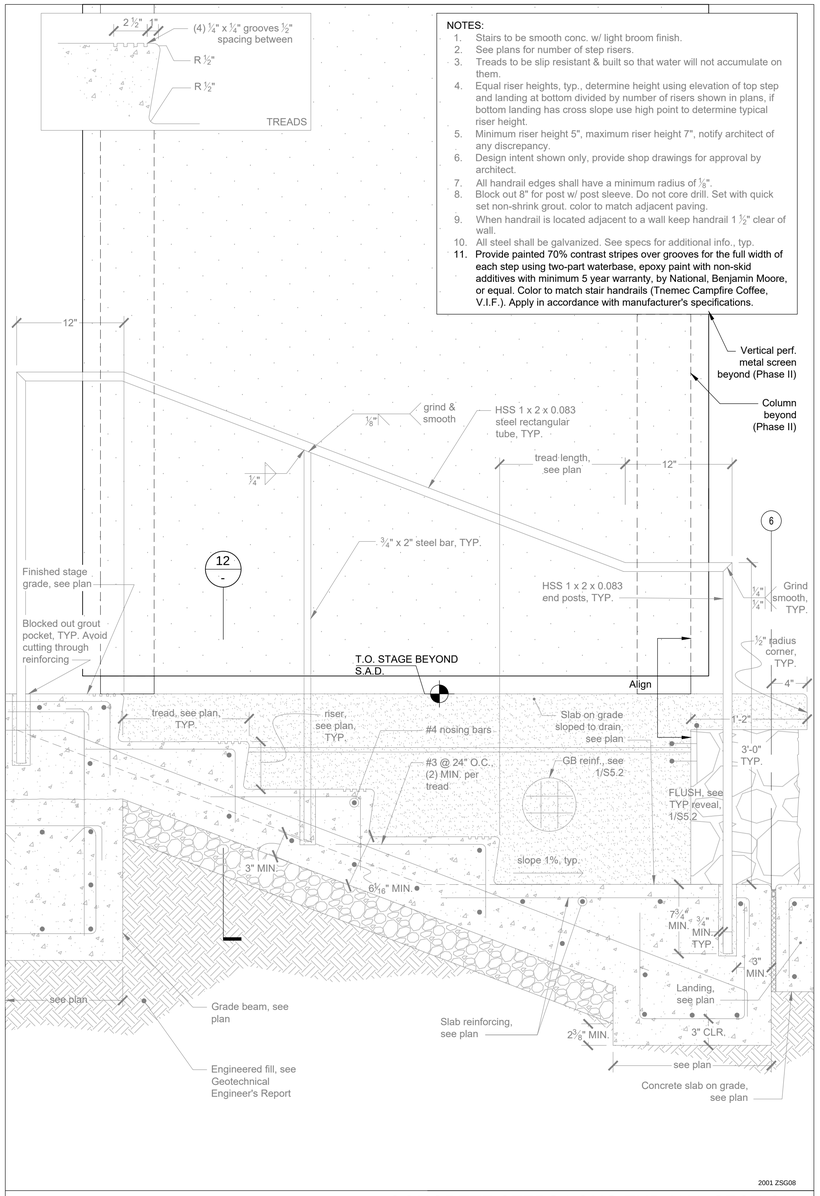
15 STORAGE NICHE ELEVATION

0 3 6 12



12 CONCRETE STEPS TRANSVERSE SECTION

0 3 6 12



6 CONCRETE STEPS LONGITUDINAL SECTION

0 2 4 8

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

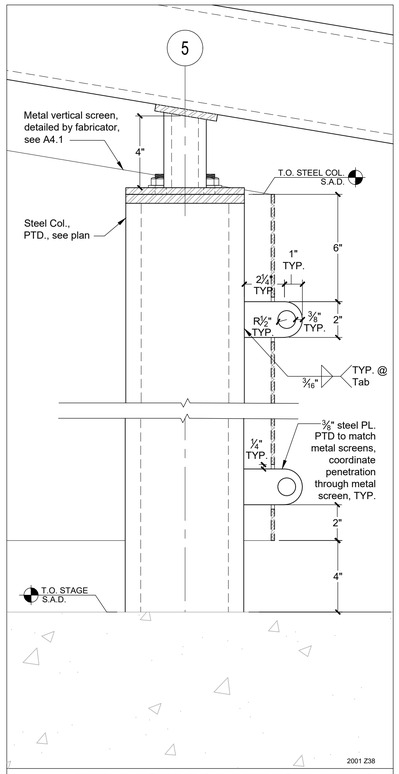
DETAILS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.922.9668 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER
JOHN OLALDE WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	S5.3
	OF

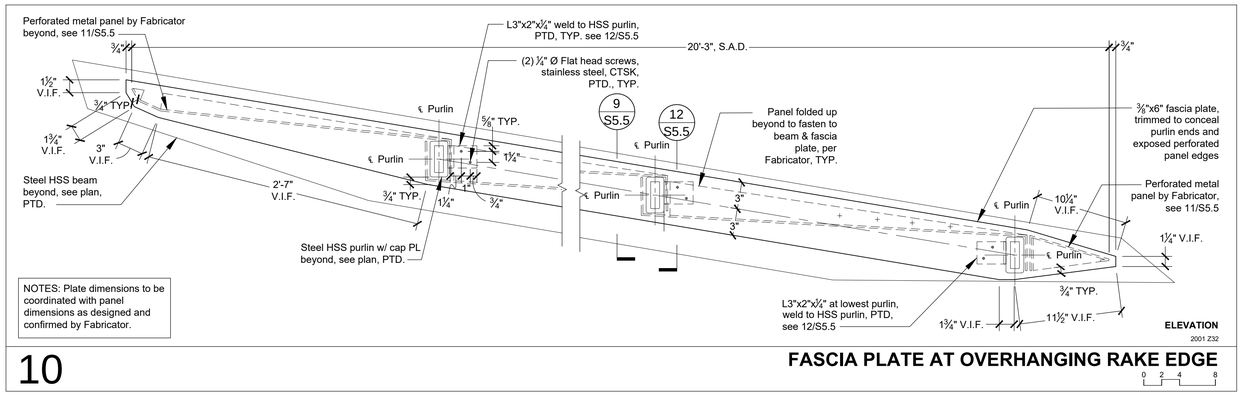
Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 S5.3 Details.dwg 7/22/2025 6:27 PM cori hartigan



2001 Z38

14 TYP BACKDROP ATTACHMENTS AT GL 5 COLS

0 1 2 4

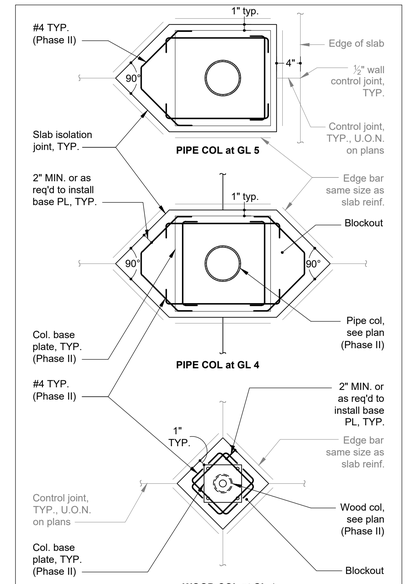


NOTES: Plate dimensions to be coordinated with panel dimensions as designed and confirmed by Fabricator.

2001 Z32

10 FASCIA PLATE AT OVERHANGING RAKE EDGE

0 2 4 8



Notes:

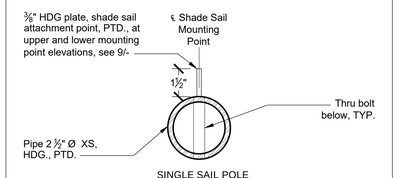
1. Verify/coordinate size of blockout w/ steel base plate. Reinforcing bars shown in blockout shall be located 1" clear min from top of slab.
2. Where typical slab reinforcing is interrupted by blockout, place additional bars equal to size and number of interrupted slab reinf, split equally to each side of col, one min each side.
3. Provide compressible joint filler 30# asphalt saturated felt between slab and blockout and sealant at top for exterior slabs.
4. Not used.
5. Where slab reinf varies, use larger size where "same size as slab reinf" is specified.

2001 ZTD52

2 TYPICAL COLUMN BLOCKOUT IN SLAB ON GRADE

0 3 6 12

NOTES:
1. Shade sail mounting points shall be oriented to bisect the angle of the shade sail, see plan.
2. Verify all shade sail mounting points with shade sail manufacturer.
3. For additional notes see 9/- & 5/-.



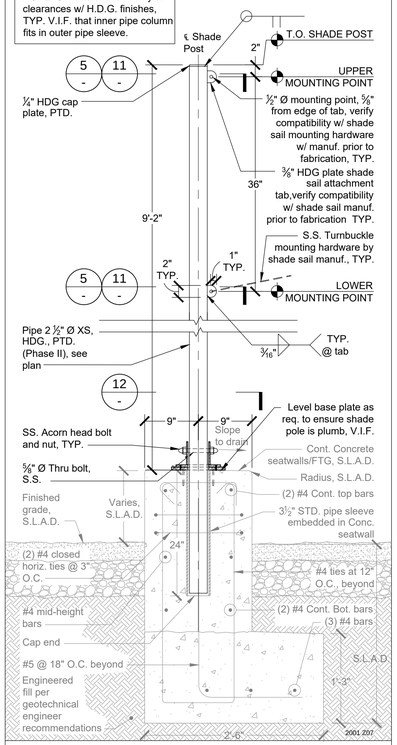
PLAN

2001 Z40

11 ADD ALT 1: SHADE POLE SAIL ATTACHMENT PLAN

0 1 2 4

NOTE: Contractor shall verify all clearances w/ H.D.G. finishes, TYP. V.I.F. that inner pipe column fits in outer pipe sleeve.

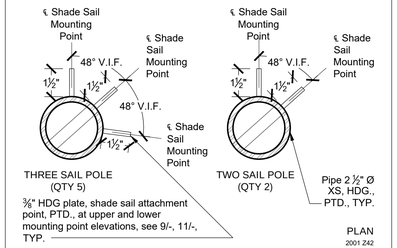


2001 Z07

9 ADD ALT 1: SHADE POST SUPPORT AT SEATWALL

0 3 6 12

NOTES:
1. Shade sail mounting points shall be oriented to bisect the angle of the shade sail, see plan.
2. Verify all shade sail mounting points with shade sail manufacturer.
3. For additional notes see 9/- & 11/-.



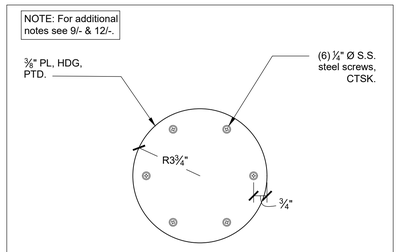
PLAN

2001 Z42

5 ADD ALT 1: MULTI SHADE SAIL POLE ATTACHMENT PLAN

0 1 2 4

NOTE: For additional notes see 9/- & 12/-.

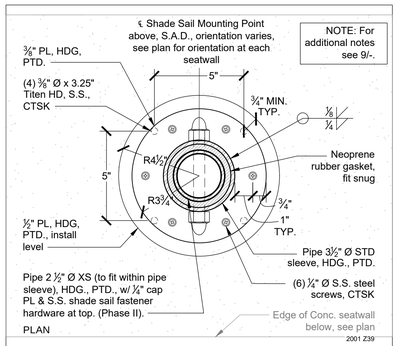


PLAN

2001 Z41

15 ADD ALT 1: SHADE POLE BASE COVER PLATE

0 1 2 4

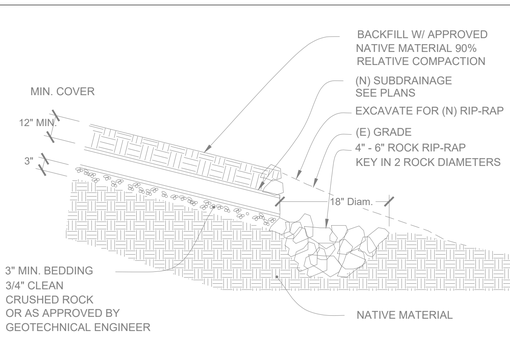


PLAN

2001 Z39

12 ADD ALT 1: SHADE POLE BASE PLATE AND COLLAR

0 1 2 4



2001 ZTDC01

6 TYPICAL SUBDRAIN DAYLIGHT OUTFALL

0 3 6 12

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

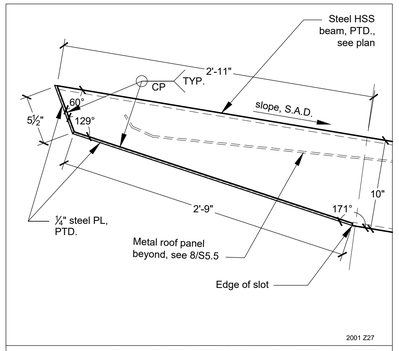
DETAILS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t: 510.922.9888 info@ware-associates.com

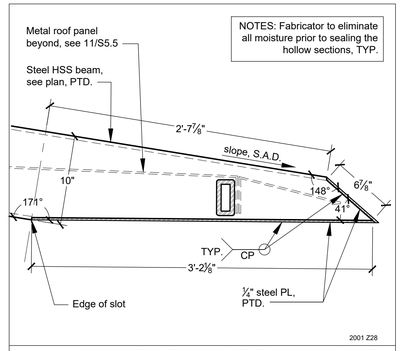
REGISTERED PROFESSIONAL ENGINEER
JOHN O'NEAL WARE
No. C 46323
CIVIL
STATE OF CALIFORNIA
12-31-26

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	S5.4
	OF

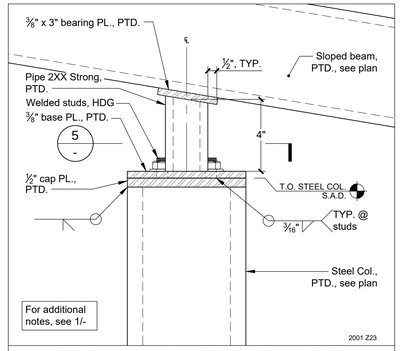
13 PERSPECTIVE VIEW OF ROOF STRUCTURE



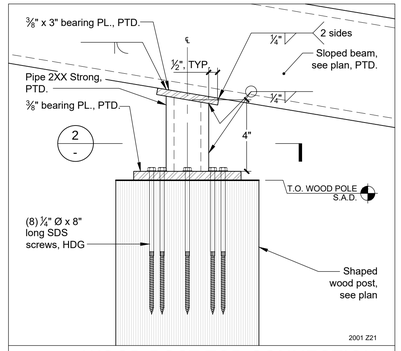
10 SHAPED BEAM AT UPSLOPE EAVE DETAIL



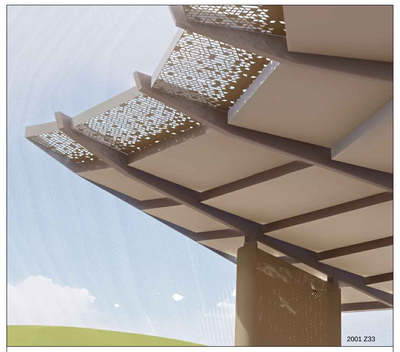
7 SHAPED BEAM AT DOWNSLOPE EAVE DETAIL



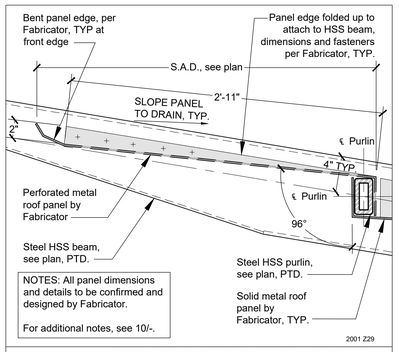
4 STEEL COLUMN TOP CONNECTION



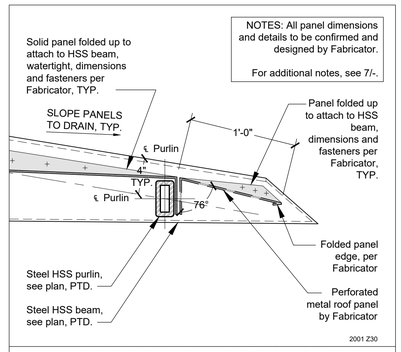
1 WOOD POST TOP CONNECTION



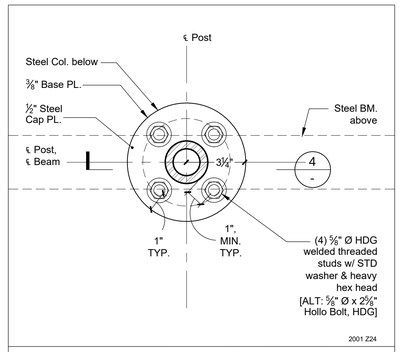
14 PERSPECTIVE VIEW OF ROOF STRUCTURE



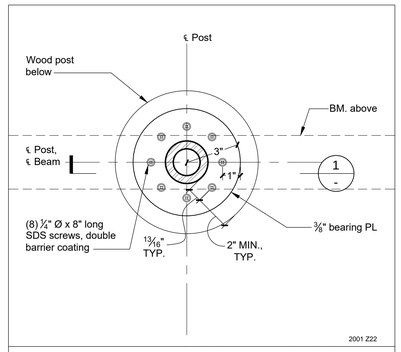
11 FRONT ROOF PANEL DETAIL



8 ROOF PANEL AT DOWNSLOPE EAVE DETAIL

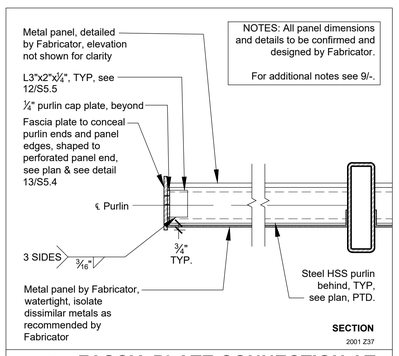


5 STEEL COL. CAP PLAN

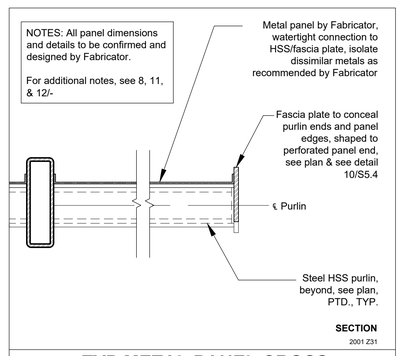


2 WOOD COL. CAP PLAN

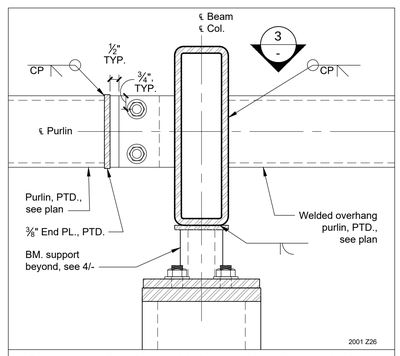
15 PERSPECTIVE VIEW OF ROOF STRUCTURE FROM RAMP



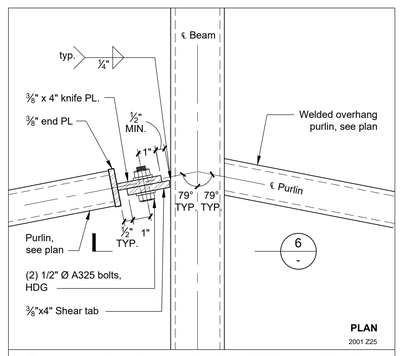
12 FASCIA PLATE CONNECTION AT OVERHANGING RAKE



9 TYP METAL PANEL CROSS SECTION



6 PURLIN CONNECTION TO BM.



3 PURLIN TO BM. CONNECTION

REVISIONS	
DATE	DESCRIPTION
07.17.25	COORDINATION

PROJECT TITLE

TOLAY LAKE GATHERING AREA

CONSTRUCTION DRAWINGS

DESIGN SUBMITTAL

PHASE II ROOF BID SET

SHEET TITLE

DETAILS

WARE
ARCHITECTURE ENGINEERING
440 Grand Avenue Suite 250 Oakland CA 94610
t. 510.922.9898 info@ware-associates.com

REGISTERED PROFESSIONAL ENGINEER JOHN D. WARE No. C 46323 CIVIL STATE OF CALIFORNIA

DESIGN BY	LTO
DRAWN BY	CH
CHECKED BY	JW
SCALE	AS NOTED
DATE	JULY 22, 2025
SHEET	S5.5
	OF

Q:\2020 Design\20-01 RDG Tolay Lake Stage\Contract Documents\2001 S5.5 Details.dwg 7/22/2025 6:28 PM cari hortigon