City of Alameda, California

August 28, 2025

TO: PROSPECTIVE PROPOSERS

CITY OF ALAMEDA
GRAND MARINA WHARF MAINTENANCE
ADDENDUM NO. 1

Addendum No. 1 is hereby issued to make the following revision to the plans and specifications. Please note deletions are shown in ~~strikeout~~, additions are shown in ***bold italics***:

1. REFERENCE SECTION: 1 EXHIBIT B – SCOPE OF WORK (SGH DRAWINGS)

   a. "EXHIBIT B - SCOPE OF WORK (SGH DRAWINGS)" was revised by SIMPSON GUMPERTZ & HEGER INC. (SGH) to provide corrections for an identified pile and clarification on detail for EDGE OF WALKWAY. Modifications are shown on S-01 and S-02 of ***Attachment A***.

2. CITY RESPONSES TO QUESTIONS

NO. 1

Q: Referencing drawing S-01: What is elevation of the mudline at the bottom of the repairs?

A: The mudline elevations vary across the locations of repairs. No formal survey was conducted prior to bidding. Estimated distance from bottom of girder to mudline varies approx. 8-15 ft.

NO. 2

Q: Referencing drawing S-01: Are the existing timber piles expected to be competent at Mudline or is there a depth below mudline we should assume we need to dredge to find a competent pile?

A: The repair does not connect to the existing timber pile at or below the mudline. The repair posts are self-supporting on the spread footing. The existing pile below the mudline is to be abandoned in place.

NO. 3

Q: Referencing drawing S-01, Detail 2: When an existing pile is broken at or below mudline, do we need to drill and bolt through the pile with 12x12 timber blocking? Above vs. below mudline appears to be different.

A: 12x12 timber blocking is only required in the case that the existing pile is broken more

than 1 ft above the mudline. This is to provide bracing and keep the 8x8 posts inline above the footing.

NO. 4

Q: There are rocks at the mudline. How do we attach the temporary repairs to the piers?

A: The new 8x8 posts are attached to the existing timber piles using through-bolts at the existing timber pile cap girder and at another elevation 4 ft below the girder. The posts are then connected to the footing at the mudline using Simpson connecting hardware. The footing is not meant to be directly connected to the existing pile.

Perform localized excavation to remove surface soil or rock as needed to make level surface at approximately 8 inches below the existing ground as shown on the drawings. Set the timber footing to achieve full contact the level surface. If any unexpected situation is encountered, report to the City and Engineer immediately.

NO. 5

Q: Referencing drawing S-02: How does the temporary steel walkway attach to the wharf deck?

A: Temporary steel walkway structure is to be placed directly onto the wharf decking and span the section of joists that are sagging above the broken girder at Bent 21. Ensure the PL is aligned above the existing competent timber girders at Bents 20 and 22. The West edge of the walkway shall be aligned over the existing timber piles in gridline C.

The wood PL in the transition zone at the edge of the walkway structure shall be attached to the wharf deck using nails per 2/S-02. The steel PL is not structurally connected to the existing timber wharf.

NO. 6

Q: Is the need for temporary shoring anticipated?

A: No additional temporary shoring is anticipated by the design. However, means and methods remain the Provider’s responsibility. No live load nor foot traffic on the wharf deck is allowed while the construction below the deck is underway.

NO. 7

Q: What is the approximate load capacity of the existing timber wharf?

A: Staging/stockpile area to be provided by the Grand Marina in a specified area of the Marina parking lot. The existing wharf is in a critical condition. No live load on the wharf deck is allowed when the construction below the deck is underway.

NO. 8

Q: Do we need additional framing for the steel plate placement?

A: Plates are intended to span between existing competent girders. No permanent framing beyond what is shown in S-02 is anticipated. However, means and methods remain the Provider's responsibility.

NO. 9

Q: Is there a depth to dredge/move rock to secure the temporary posts?

A: Provide minimum embedment for the footings below the mudline per 2/S-01. Perform localized excavation of soils and/or rock as needed to achieve level surface approximate 8 inches below the existing ground, as shown on the drawings.

NO. 10

Q: Are there any mechanical/electrical lines/equipment under the wharf?

A: There is (1) existing small dimeter PVC pipe suspended from the pile cap girders between gridlines B and C and a couple pipes running along the concrete building substructure. Provider shall field-verify and notify the Grand Marina of any utility conflicts prior to work.

NO. 11

Q: What part of the wharf needs to be repaired?

A: The identified piles are located under both the North Apron and West Apron of the wharf, see 1/S-01. Topside repair is located on the West apron between bents 20 and 22, see 1/S-02.

NO. 12

Q: Will there be water access to the repair area?

A: Yes, the underside of the wharf can be accessed by water.

NO. 13

Q: What permitting will the service provider be required to do?

A: The permit will be based on the scope of work proposed.

NO. 14

Q: What is the timeline for permitting?

A: The City of Alameda's review time is 2 weeks but if we have comments, the timeline will depend on how quickly the design professional responds to the comments.

NO. 15

Q: What inspections will be required? Is the contractor required to provide any special inspection services?

A: Framing inspections, if piles are being installed/driven, we'll need a letter of structural observation from the engineer of record and special inspection from the geotechnical team.

NO. 16

Q: Where can service provider stage for the project?

A: The City will work with Grand Marina to provide staging space for the service provider. The designated area will likely be in the Grand Marina parking area.

NO. 17

Q: When Grand Marina conducted previous repairs, did they run into any issues/problems?

A: The City was not involved in the previous repairs to the wharf but has not been informed by Grand Marina of any major issues.

NO. 18

Q: Are there any nesting animals that might be impacted by this work?

A: The City is not aware of any nesting animals that would be impacted by this maintenance work.

NO. 19

Q: Are there any nesting animals that might be impacted by this work?

A: We are not aware of any nesting animals that would be impacted by this maintenance work.

NO. 20

Q: Can the work be done at any time or are there permit restrictions/work windows?

A: Provider's Working Hours are 7:00AM – 6:00PM. Sound control shall conform to Section 4-10 of the Alameda Municipal Code, which prohibits weekday construction activities between 7:00PM and 7:00AM.

NO. 21

Q: Would the City of Alameda consider extending the bid deadline?

A: The City reserves the right, in its sole discretion, to extend any of the deadlines listed in this RFP by written addenda should the City deem that it is in its best interests to do so.

ATTACHMENT A

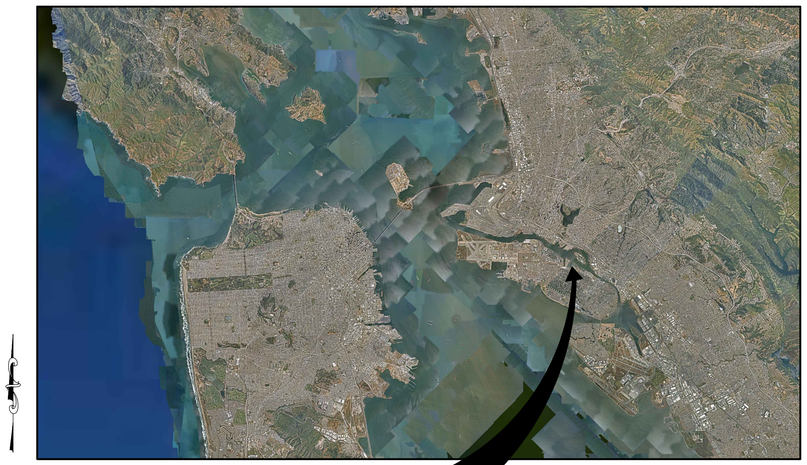
EXHIBIT B: SCOPE OF WORK (SGH DRAWINGS)

REVISED AS OF AUGUST 27, 2025

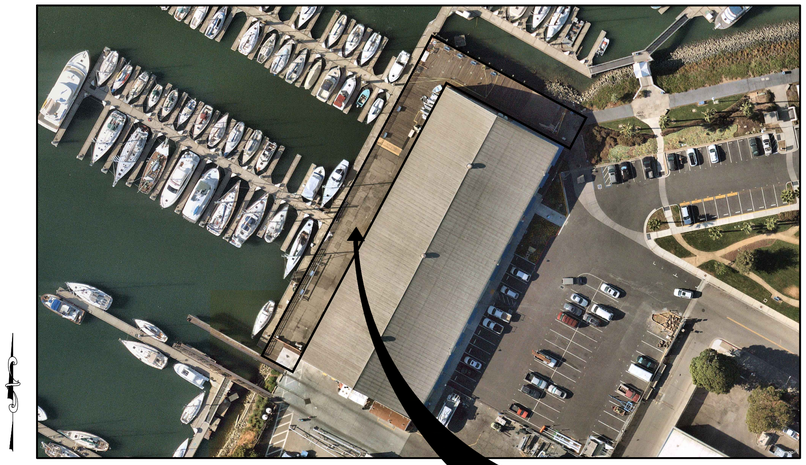
CITY OF ALAMEDA

GRAND MARINA

GRAND MARINA WHARF MAINTENANCE
ALAMEDA, CALIFORNIA



Vicinity Map



Site Plan

Drawing Index

SIMPSON GUMPERTZ & HEGER
1999 Harrison Street, Suite 2400
Oakland, CA 94612
415.495.3700
sgh.com

Consultant

ISSUED FOR BID

No.	Date	Description	By
1	08/27/25	Revision 1	SXY
0	08/13/25	Issued for Bid	SXY

ALAMEDA GRAND MARINA WHARF MAINTENANCE
ALAMEDA, CA

Project

TITLE SHEET

Drawing Title

Project No.	Checked	Date
257116.00	JJP	08/13/2025
Drawn	Approved	Scale
BLP	SXY	NONE

REGISTERED PROFESSIONAL ENGINEER
SAMUEL XIA OCHUN
No. 6379
DATE SIGNED: 08/13/2025
CIVIL
STATE OF CALIFORNIA

Seal

Drawing No.

G01

GENERAL

1. General notes and typical details apply to all structural features, unless otherwise indicated.
2. If certain features are not fully shown or called out on the drawings or in the notes, their construction shall be of the same character as for similar conditions.
3. The project specifications are in the form of the notes and are a part of the contract documents.
4. Specifications, codes and standards noted in the contract documents shall be of the latest edition, unless otherwise noted.
5. Dimensions shall not be scaled off of the drawings.
6. All work shall conform to minimum standards of the 2022 California Building Code, of any codes listed in the drawings or specifications and of any regulating agencies which have authority over any portion of the work, including the California Health and Safety Code.
7. Prior to submitting shop drawings and product data, the Contractor shall verify that the submittals meet the requirements of the drawings and specifications. The Contractor shall specifically note any exceptions to these requirements with the submittal.
8. The Contractor shall maintain a continuous fire watch, with extinguishing equipment immediately available during welding, cutting or burning near combustible materials.
9. Openings, pockets, etc. shall not be placed in structural members unless specifically detailed on the structural drawings. Notify the Structural Engineer in advance when work requires openings, pockets, etc. in structural members not shown on the structural drawings.
10. The Contractor shall be responsible for coordinating the work of all trades and shall check all dimensions and holes and openings required in structural members. All discrepancies shall be called to the attention of the Engineer and shall be resolved before proceeding with the work.
11. Construction materials shall be spread out in the storage and staging areas. Load shall not exceed the design live load per square foot. Provide adequate shoring where overload is anticipated.

EXISTING CONDITION

1. Work shown is new unless noted as existing: (E).
2. Existing construction shown on these drawings was obtained from site investigation and can be used for bidding purposes. The contractor shall verify all existing job conditions, review all drawings and verify dimensions prior to construction. The Contractor shall notify the Engineer of all discrepancies and exceptions before proceeding with the work.
3. The removal, cutting, drilling, etc. of existing work shall be performed with care in order not to jeopardize the structural integrity of the structures. If structural members or mechanical, electrical or architectural features not indicated for removal interferes with the new work, notify the Engineer immediately and obtain approval before removal of members.
4. The Contractor shall safely shore existing construction wherever existing supports are removed for the new work.
5. The Contractor shall perform the work with minimal inconvenience to the Owner and without interruption of day-to-day work operations. The Contractor shall ensure safe travel of persons around areas of construction and shall coordinate all operations with the Owner or the Owner's agent.
6. The Contractor shall promptly repair any damage caused during operations, using materials and workmanship similar to that which was damaged.
7. The Contractor shall inspect all areas where connections are made to existing timber elements for wood rot or other deterioration prior to performing the required work. Notify the Engineer immediately and obtain approval before proceeding.
8. All removed items, materials and debris, unless otherwise noted, shall be removed promptly from the site and disposed of in a legal manner.
9. The bathymetry shown on the plans are based upon past surveys. Information shown on those plans may not accurately represent the current condition and are for the Contractor's use in preparing bid price only. The contractor shall perform a bathymetric survey of the current condition as needed prior to construction.

NDPES/WATER POLLUTION PREVENTION

1. No equipment or vehicles shall be stored, maintained or washed in any area near the wharf structures in order to reduce the potential for any spills or debris entering the Bay water.
2. All fuel, waste, oils, and solvents shall be stored away from the construction site. Any spills shall be contained and properly disposed.
3. All vehicles and equipment shall be properly maintained to reduce the potential for spills of petroleum-based products. Containment booms and sorbent materials shall be available during the activity and shall be deployed immediately in the event of a spill to limit its spread.
4. If any materials or wastes are released to the Bay, Project Supervisors shall immediately halt all work and utilize all available resources to assure containment and removal.
5. Best Management Practices (BMPs) shall be consistently employed to help prevent pollutants from entering the Bay waters. Employees, Subcontractors, and Vendors must be informed, educated and trained to understand the applicable practices and procedures for the various construction activities being done.
6. The construction site shall be maintained by the contractor in such a condition that any storms do not carry wastes or pollutants off the site. Upon completion of the project, all equipment will be safely demobilized from the area. At that time, all debris will be unloaded and trucked away for proper disposal.
7. At the end of each day of construction activity all construction debris and waste materials shall be collected and properly disposed of by the Contractor in the appropriate trash or recycle bins.

NEW CONSTRUCTION

1. The contract documents represent the finished structure. They do not indicate the method of construction. The Contractor shall provide all measures necessary to protect life and property during construction. Such measures shall include, but are not limited to, bracing and shoring for loads due to construction equipment and materials. Observation visits to the site by the structural engineer shall not include inspection of the above items.

DATUM AND ELEVATIONS

1. Vertical Datum
   A. All elevations shown in these drawings are relative to North American Vertical Datum of 1988 (NAVD88), unless otherwise noted.
   B. The conversion from NAVD88 to the City of Alameda Datum (COA) is -5.87 feet.

STRUCTURAL STEEL & MISC. METALS

1. Fabrication and erection of structural steel shall be in accordance with the "Code of Standard Practice for Steel Buildings and Bridges" AISC 303.
2. Materials:
   A. W shapes: ASTM A992 (fy=50 ksi)
   B. Structural steel channels: ASTM A992 (fy=50 ksi)
   C. All other shapes & plates: ASTM A572 grade 50 U.O.N.
   D. Welded and Threaded Stud Connectors: ASTM A108, grade C1010 – C1020
3. Bolts, unless otherwise noted on drawings:
   A. High-strength bolts: ASTM A490-N
   B. Machine bolts: ASTM A307
4. Joint type for bolted connections shall be snug-tightened (ST), unless otherwise noted as pretensioned (PT) or slip-critical (SC).
5. Bolt holes in steel shall be 1/16 inch larger diameter than nominal size of bolt used, unless otherwise noted.
6. For bolted connections, provide 1-1/2 inch edge and end distance, unless otherwise noted
7. All structural steel, miscellaneous metal and connectors exposed to weather shall be hot-dip galvanized in accordance with ASTM A123 after fabrication. Apply zinc-rich paint complying with SSPC-Paint 20 to repair damaged or cut surfaces, field welds, and field-drilled holes in galvanized steel. Application shall comply with ASTM A780, including Annex A2.
8. All holes in steel members to facilitate galvanizing, including all vent holes and drain holes, shall be shown on shop drawings. Holes shall not be cut prior to approval of shop drawings.
9. No penetrations through structural steel sheet piles, columns, beams or girders are allowed except as indicated on the structural drawings or as approved by the structural engineer.
10. Furnish shop and erection drawings of all structural steel for the Engineer's review before fabrication.

CARPENTRY

1. Framing Lumber: All lumber shall meet the following minimum standards except where otherwise noted. All lumber shall be graded and stamped in accordance with the West Coast Lumber Inspection Bureau (WCLIB).

Use	Species	Grade	Remarks
Framing	DF	No. 2	

2. All wood members shall be treated to meet the requirements of AWPA U1 use category UC5B. Contractor to ensure the sawn ends of all lumber that are subject to deterioration shall also be treated to meet use category UC5B.
3. Nails: All nails shall be common wire nails, unless otherwise noted.
4. Typical Nailing: Per CBC Table 2304.10.1, unless otherwise noted.
5. Bolts:
   Bolts in wood framing shall be standard machine bolts unless otherwise noted. Bolt holes in woods shall be 1/32" larger than bolt diameter. Bolt heads and nuts shall bear on standard malleable iron (M.I.) washers or steel hardware. Carriage bolts require M.I. washers under the nuts only. All nuts shall be re-tightened at completion of job or just prior to finished construction.
6. Lag Screws:
   Lead holes shall be pre-bored as follows. The lead hole for the shank shall have the same diameter as the shank and the same depth as the length of unthreaded shank. The lead hole for the threaded portion shall have a diameter equal to 70 percent of the shank diameter and a length equal to at least the length of the threaded portion. Lag screws shall be screwed into place, not driven into place. Provide washers per note "6," above.
7. Wood Screws:
   Lead holes shall be pre-bored and shall have a diameter of 70% of the root diameter of the screw. Screws shall be screwed into place, not driven into place.
8. Metal Connectors:
   Metal connectors are referred to on the drawings by particular type as manufactured by Simpson Strong-Tie Company, Inc. of Hayward, California. Products of other manufacturers with equivalent load-carrying capacities may be used, provided that the products have current code approval. Contractor shall submit product catalog and a table indicating both the designated product and the substituted product along with their respective capacities for approval by the engineer. Install all fasteners called for by the product manufacturer unless otherwise noted on the drawings. Use manufacturer-supplied nails where thickness of timber precludes the use of common nails.
9. All metal fasteners, anchors, joist hangers, nuts, washers and connectors in contact with pressure-treated wood, fire-retardant treated wood, or exposed to weather shall be hot-dipped galvanized or AISI type 316L stainless steel.
10. Blocking and Bridging:
    Solid blocking shall not be less than 2 inches in thickness and the full depth of the joist or stud. Joists shall be supported laterally at the ends and at each support by solid blocking except where the ends of joists are nailed to a header, band or rim joist or to an adjoining stud or when supported in a hanger.

CONTRACTOR RESPONSIBILITY

Statement of Contractor Responsibility: Per section CBC 1704, each Contractor and Subcontractor responsible for the fabrication, construction, and installation of the main wind – or seismic-force resisting system, shall provide and submit a written statement of responsibility to the Building Official and Owner prior to commencement of work on the system or component. The Contractor's and Subcontractor's Statement of Responsibility shall contain the following:

4. Acknowledgement of awareness of the special requirements contained in the Statement of Special Inspection.
5. Acknowledgement that control will be exercised to obtain conformance with the construction documents approved by the Building Official.
6. Procedures for exercising control within the Contractor's organization, the method, frequency or reporting and the distribution of the reports.
7. Identification and qualifications of the person(s) exercising such control and their position(s) in the Contractor's organization.

SUBMITTALS

The following submittals are required. Where submittals include shop drawings, each sheet of shop drawings submitted shall incorporate a pre-applied stamp to be used by the engineer to indicate the status of review and approval. The Engineer will furnish the required text and graphics of the stamp to the Contractor upon request. Submittals shall include those indicated on the following list as well as any other items indicated in the Specifications. This list is provided for convenience only and may not incorporate all requirements indicated in the project specifications.

CARPENTRY

1. Provide technical data on wood preservative materials and application instructions.
2. Manufacturer's certificates indicating the grade of the lumber supplied meet or exceed the specified requirements.

STRUCTURAL STEEL

1. Shop Drawings and Erection Drawings:
   A. Indicate profiles, sizes, spacing, locations of structural members, openings, attachments, and fasteners.
   B. Indicate welded connections with AWS A2.4 welding symbols. Indicate net weld lengths and sizes. Distinguish between shop and field welds. Identify welds by WPS number.
   C. Include details of cuts, connections, splices, camber, holes, stiffeners, doubler plates, and other pertinent data, such as surface preparation. Include setting drawings, templates, and directions for installation of embedded items to be installed by others.
   D. Indicate type, size, and length of bolts, distinguishing between shop and field bolts. Identify high-strength bolted slip-critical, direct-tension, or tensioned shear/bearing connections.
2. Manufacturer's Mill Certificates: Certify that products meet or exceed specified requirements.
3. Mill Test Reports: Indicate structural strength, destructive test analysis and non-destructive test analysis.
   A. Structural steel including chemical and physical properties and Charpy V-notch test results, where specifically required.
   B. Bolts, nuts, and washers including mechanical properties and chemical analysis.
   C. Direct-tension indicators.
   D. Tension-control, high-strength bolt-nut-washer assemblies.
   E. Weld filler metals, including Charpy V-notch test results, where specifically required.
4. Weld filler metal manufacturer's data sheets, indicating filler metal classification, characteristics, recommended ranges of heat inputs, permissible positions, strength and CVN toughness, if applicable.
5. Welders Certificates: Certify welders employed on the Work, verifying AWS qualification within the previous 12 months.
6. Welding Procedure Specifications (WPS) per AWS D1.1-10 for each type of welded joint.
7. Welding Procedure Qualification Record (PQR) for each weld procedure that is not prequalified by AWS D1.1-10.

SIMPSON GUMPERTZ & HEGER
1999 Harrison Street, Suite 2400
Oakland, CA 94612
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Consultant

No.	Date	Description	By
1	08/27/25	Revision 1	SXY
0	08/13/25	Issued for Bid	SXY

ISSUED FOR BID

ALAMEDA GRAND MARINA WHARF MAINTENANCE

ALAMEDA, CA

Project

GENERAL NOTES

Drawing Title

Project No.	Checked	Date
257116.00	JJP	08/13/2025
Drawn	Approved	Scale
JDG	SXY	AS NOTED

REGISTERED PROFESSIONAL ENGINEER
SAMUEL XIAOCHUN YU
No. 23379
DATE SIGNED: 08/13/2025
CIVIL
STATE OF CALIFORNIA
Seal

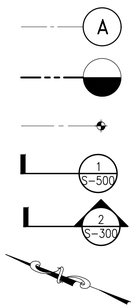
Drawing No.

G02

ABBREVIATIONS

&	And
@	At
A.B.	Anchor Bolt
ACI	American Concrete Institute
ADD'L	Additional
AESS	Architectural Exposed Structural Steel
AISC	American Institute of Steel Construction
ALT.	Alternate
AMTS	Automated Motorized Total Station
APPROX.	Approximate
ARCH.	Architect
ASD	Allowable Strength Design
ASTM	American Society for Testing and Materials
AWPA	American Wood Preservers Assoc.
AWS	American Welding Society
BLK'G	Blocking
BM.	Beam
B.N.	Boundary Nail
BOCA	Building Officials and Code Administrators International, Inc.
BOT.	Bottom
BRG.	Bearing
B.S.	Both Sides
BTWN.	Between
C	Camber
CBC	California Building Code
C.C.	Center to Center
CDSM	Cement Deep Soil Mixing
CCR	California Code of Regulations
C.J.	Control Joint
C.I.P.	Cast–in–place
C.L., ℄	Center Line
CLG.	Ceiling
CLR.	Clear
CMU	Concrete Masonry Unit
COL.	Column
CONC.	Concrete
CONN.	Connection
CONT.	Continuous
CJP	Complete Joint Penetration
CSK.	Countersink
CTBR.	Counterbore
CTR.	Center
DBA	Deformed Bar Anchor
DBL.	Double
DC	Demand Critical (Weld)
DET., DTL.	Detail
DF	Douglas Fir
DIA.,ø	Diameter
DIAG.	Diagonal
DL	Dead Load
DN.	Down
DO.	Ditto
DSA	Division of the State Architect
DWG(S).	Drawing(s)
(E)	Existing
EA.	Each
E.A.	Each Face
E.J.	Expansion Joint
ELEV.,EL.	Elevation
EMB.,EMBED.	Embedment
E.N.	Edge Nail
EQ.	Equal
EQUIP.	Equipment
E.S.	Each Side
E.W.	Each Way
FDN.	Foundation
F.F.	Finish Floor
F.G.	Finish Grade
FIN.	Finish
FLR.	Floor
F.O.C.	Face of Concrete
F.O.M.	Face of Masonry
F.O.S.	Face of Stud
FRMG.	Framing
FRP	Fiber Reinforced Polymer
F.S.	Far Side
FT.	Foot, Feet
FTG.	Footing
GA.	Gauge
GALV.	Galvanized
G.L.	Grid Line
GLB	Glued Laminated Beam
GR.	Grade
HDG	Hot–dip Galvanized
HGR.	Hanger
HK.	Hook
HORIZ.	Horizontal
HSB	High Strength Bolt
HSS	Hollow Structural Section
HT.	Height
IBC	International Building Code
ICC	International Code Council
IN.	Inch, Inches
INT.	Interior
INV.	Inverted
JST.	Joist
K	Kips
KSI	Kips per Square Inch
LBE	Load Bearing Element
LBS.	Pounds
LL	Live Load
LLH	Long Leg Horizontal
LLV	Long Leg Vertical
LONG.	Longitudinal
LTWT.	Lightweight
LVL	Laminated Veneer Lumber
MAX.	Maximum
M.B.	Machine Bolt
MECH.	Mechanical
MFR.	Manufacturer
M.I.	Malleable Iron
MIL.	0.001 Inch
MIN.	Minimum
MISC.	Miscellaneous
ML	Mudline
(N)	New
NO.,#	Number
N.S.	Near Side
N.T.S.	Not to Scale
O.C.	On Center
O.D.	Outside Diameter
O.H.	Opposite Hand
NWT.	Opening
OPP.	Opposite
PART.	Partial
PCF	Pounds per Cubic Foot
PL.,℄	Plate
PLY.	Plywood
PP	Partial Penetration
PSF	Pounds per Square Foot
PSI	Pounds per Square Inch
P.T.	Pressure Treated
PW	Puddle Weld
PWJ	Plywood Web Joists
RAD.	Radius
RC	Reinforced Concrete
R.D.	Roof Drain
REINF.	Reinforcing
REQ.	Required
RF.	Roof
R.O.	Rough Opening
RND.	Round
R.R.	Remove & Replace
S.A.F.	See Architectural Drawings
SCHED.	Schedule
SHT.	Sheet
SHTG.	Sheathing
SIM.	Similar
SIM..A.	See Mechanical Drawings
S.O.A.	Slab on Grade
S.P.	Space
S.S.	Stainless Steel
STAGG'D.,STG.	Staggered
STD.	Standard
STIFF.	Stiffener
STL.	Steel
STRUCT.	Structural
SYMM.,SYM.	Symmetrical
T&B	Top and Bottom
T&G	Tongue & Groove
T.N.	Toe Nail
T.O.C.	Top of Concrete
T.O.S.	Top of Steel
T.O.W.	Top of Wall
Tp	Plate Thickness
TS	Tube Steel (Hollow Structural Section)
TYP.	Typical
U.O.N.	Unless Otherwise Noted
VERT.	Vertical
V.I.F., ±	Verify in Field
W/	With
W/O	Without
WCLIB	West Coast Lumber Inspection Bureau
W.P.	Work Point
WHS	Welded Headed Stud
WTS	Welded Threaded Stud
WWF	Welded Wire Fabric
WWPA	Western Wood Products Association

LEGEND



GRIDLINE

MATCHLINE

WORK POINT, DATUM OR CONTROL POINT, FIN. FLR. ELEVATION

DETAIL REFERENCE

SECTION OR ELEVATION

PROJECT NORTH

STRUCTURAL OBSERVATIONS

Structural Observation is required by Section 1704 of the CBC. Types of work listed below and indicated as requiring "structural observation" shall be observed during periodic site visits by the Engineer–of–Record. Contractor is responsible for notifying the engineer 48 hours before work is ready for observation. These visits do not constitute Special Inspection. The Engineer–of–Record shall perform periodical structural observations including

1. Timber footings
2. Structural timber members
3. Structural connections

The Engineer of Record shall prepare a structural observation report after each observation visit and be ready to submit to the Building Official upon request.

Per Section 1704.6.1.5, at the completion of the work, the Engineer–of–Record shall submit a written statement that periodic site visits were made and provide a final structural observation report to the Building official. The report shall confirm that the work was performed in accordance with the drawings and specifications.

STATEMENT OF INSPECTIONS AND OBSERVATIONS

The following tests and inspections are required for this project. The tests and inspections indicated here are the responsibilities of the Owner's Special Inspector and responsible engineers, as required by Section 1704 of the Building Code.

SPECIAL INSPECTION

Special Inspection and Testing are required in Sections 1704 and 1705 of the CBC. All tests and inspections shall be performed by a certified Special Inspector from an independent testing agency who is employed by the Owner (or agent of the Owner) and not the Contractor. The qualified inspection firms are listed in the special inspection form. The form can be downloaded from the following link:
https://www.alamedaca.gov/files/sharedassets/public/alameda/comm–services/formsandhandouts/building/statement_of_special_inspection.pdf

The contractor shall hold a pre–construction meeting involving the Structural Engineer and the Special Inspector in order to discuss the specific requirements of this project. At completion of the special inspections, the special inspectors shall submit all completed inspection forms, stamped and signed, to the Engineer–of–Record. The Special Inspector shall observe the work assigned for conformance with the approved design drawings and specifications. All discrepancies shall be brought to the immediate attention of the Contractor for correction, then, if uncorrected, to the Engineer–of–Record and to the building official. The Engineer–of–Record shall review and accept the special inspection reports and submit Statement of Special Inspection to the city of Alameda.

STRUCTURAL WOOD

Item No.	System, Material or Element	Building Code Reference	Material Standard	Frequency		Remarks
				Continuous	Periodic	
4	Manufactured Lumber: Verify grade, size, and bonding are as specified on the construction documents	1704.2, 1705			X	
6	Bolted Connections: Verify that bolt size, spacing, edge distance and end distance are consistent with information shown on the construction documents.	1704.2			X	

STRUCTURAL STEEL – WELDING

Item No.	System, Material or Element	Building Code Reference	Material Standard Reference	Frequency		Remarks
				Perform	Observe	
2	Inspection Tasks During Welding	1705.2	AISC 360 Section N5.4 and Table N5.4–2			
a	Confirm control and handling of welding consumables • Packaging • Exposure control				X	
b	Confirm no welding occurs over cracked tack welds				X	
c	Verify environmental conditions • Wind speed within limits • Precipitation and temperature				X	
d	Verify that applicable WPS is followed • Settings on welding equipment • Travel speed • Selected welding materials • Shielding gas type/flow rate • Preheat applied • Interpass temperature maintained (min./max.) • Proper position (F, V, H, OH) • Intermix of filler metals avoided unless approved				X	
e	Verify proper welding techniques are followed • Interpass and final cleaning • Each pass within profile limitations • Each pass meets quality requirements			Welds larger than 5/16"	Welds 5/16" and smaller	
f	Inspect placement and installation of welded headed stud anchors			X		
3	Inspection Tasks After Welding	1705.2	AISC 360 Section N5.4 and Table N5.4–3			
a	Verify welds are cleaned				X	
b	Verify size, length and location of welds			X		
c	Verify that welds meet visual acceptance criteria • Crack prohibition • Weld/base–metal fusion • Crater cross section • Weld profiles • Weld size • Undercut • Porosity			X		
d	Verify proper treatment of arc strikes			X		
e	Verify proper welding in the k–area of rolled shapes			X		
f	Verify proper treatment of weld access holes in rolled heavy shapes and built–up heavy shapes			X		
g	Placement of reinforcing or contouring fillet welds (if required)			X		
h	Backing removed and weld tabs removed (if required)			X		
j	Repair activities			X		
k	Document acceptance or rejection of welded joint or member			X		
m	No prohibited welds have been added without the approval of the Engineer of Record					

SIMPSON GUMPERTZ & HEGER
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Consultant

No.	Date	Description	By
1	08/27/25	Revision 1	SXY
0	08/13/25	Issued for Bid	SXY

ISSUED FOR BID

ALAMEDA GRAND MARINA WHARF MAINTENANCE
ALAMEDA, CA

Project

GENERAL NOTES

Drawing Title

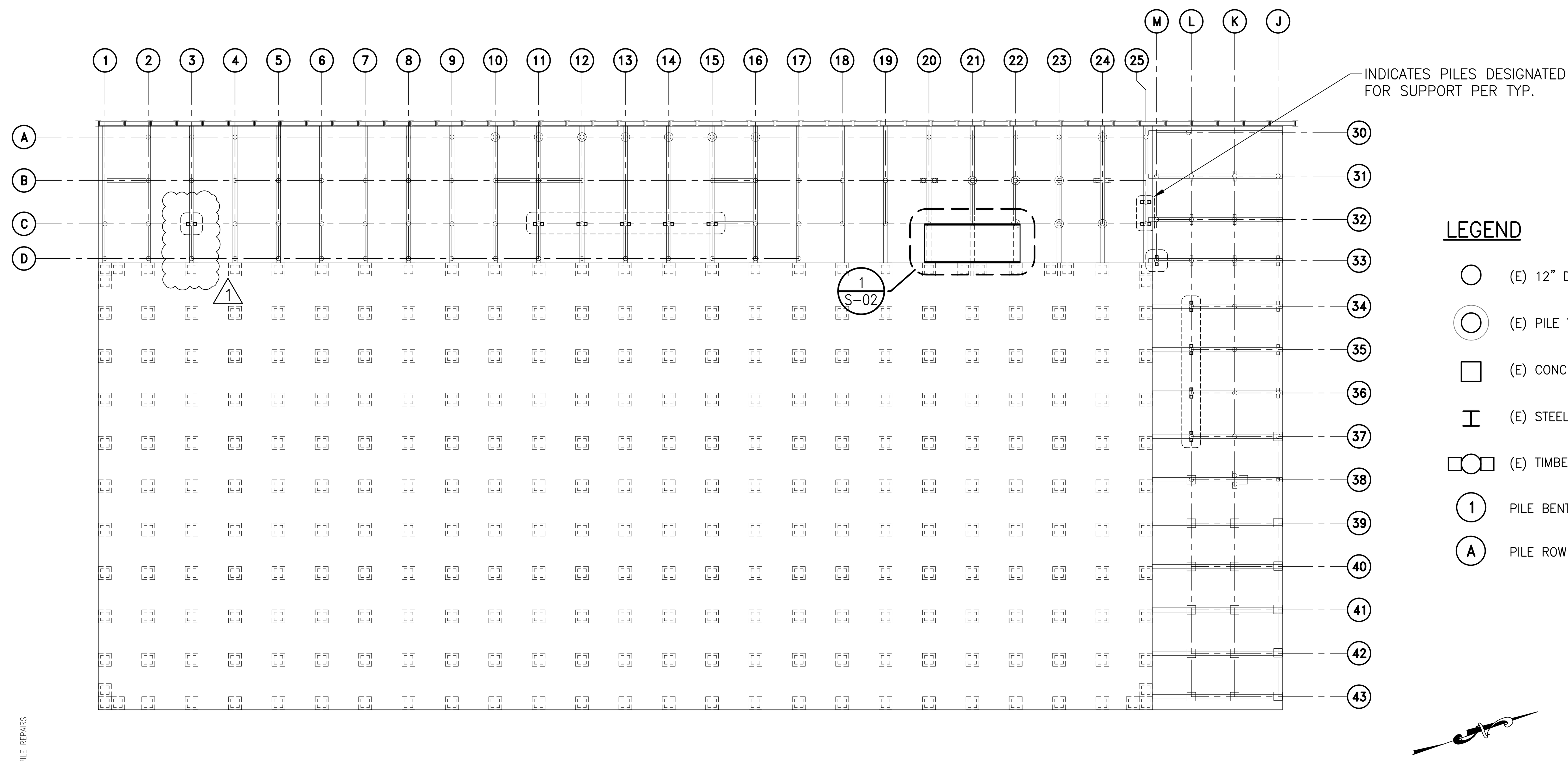
Project No.	Checked	Date
257116.00	JJP	08/13/2025
Drawn	Approved	Scale
JDG	SXY	AS NOTED

REGISTERED PROFESSIONAL ENGINEER
SAMUEL XIA OCHUN PANG
No. 25379
DATE SIGNED: 08/13/2025
CIVIL
STATE OF CALIFORNIA

Seal

Drawing No.

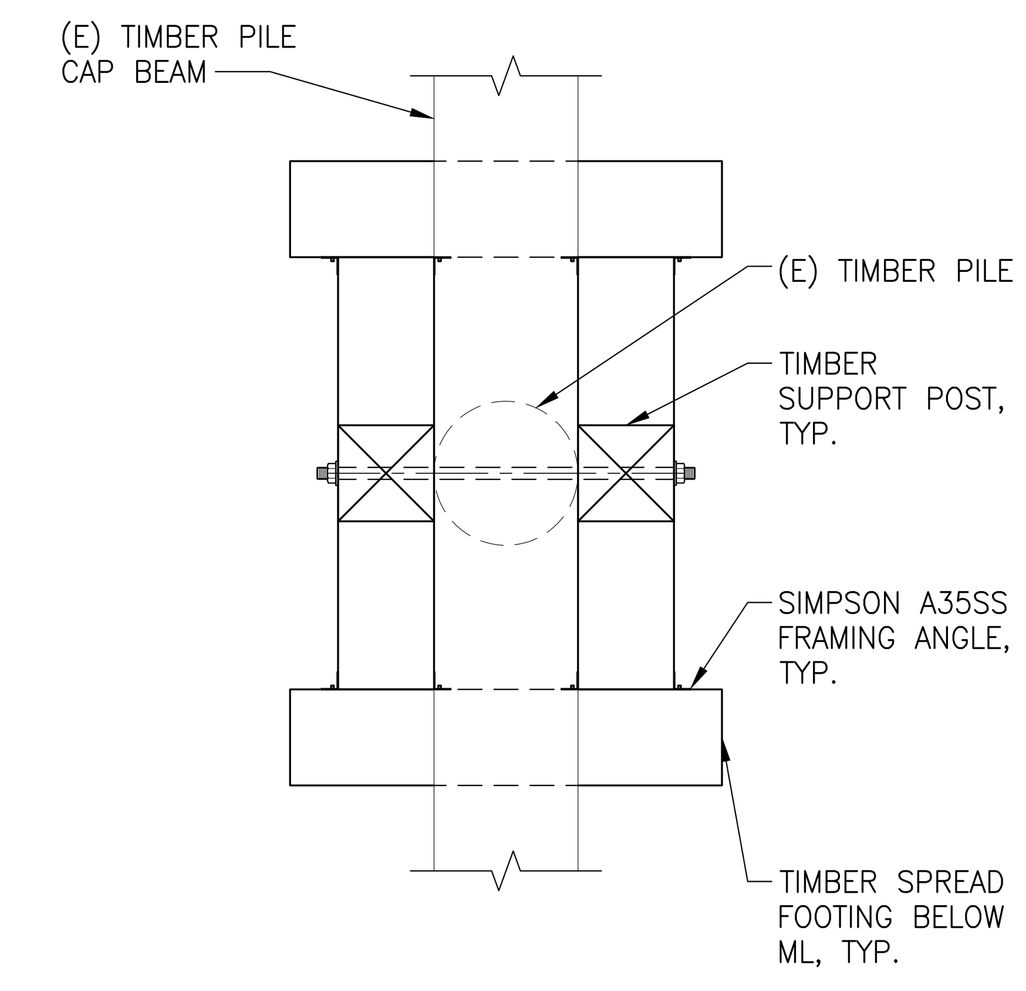
G03



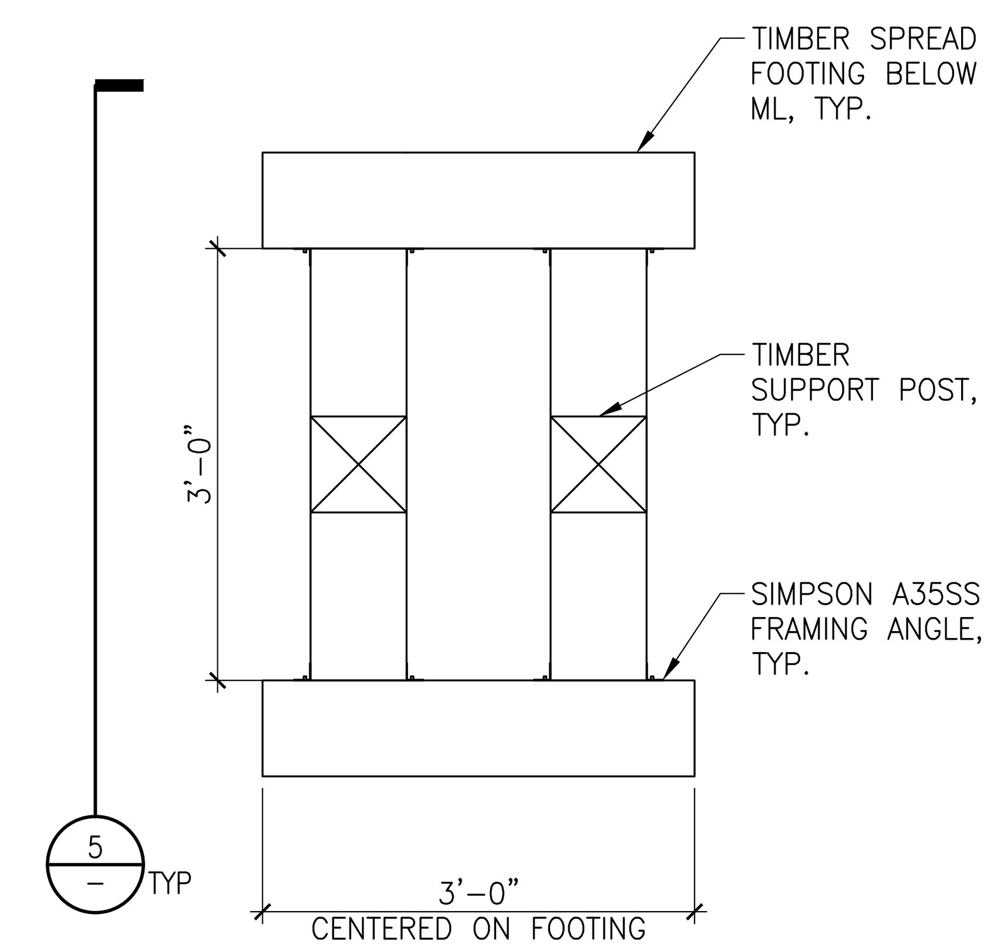
LEGEND

- (E) 12" DIA. TIMBER PILE
- (E) PILE WITH SLEEVE
- (E) CONCRETE PILE
- (E) STEEL H-PILE
- (E) TIMBER PILE WITH NEW SUPPORT
- 1 PILE BENT DESIGNATION
- A PILE ROW DESIGNATION

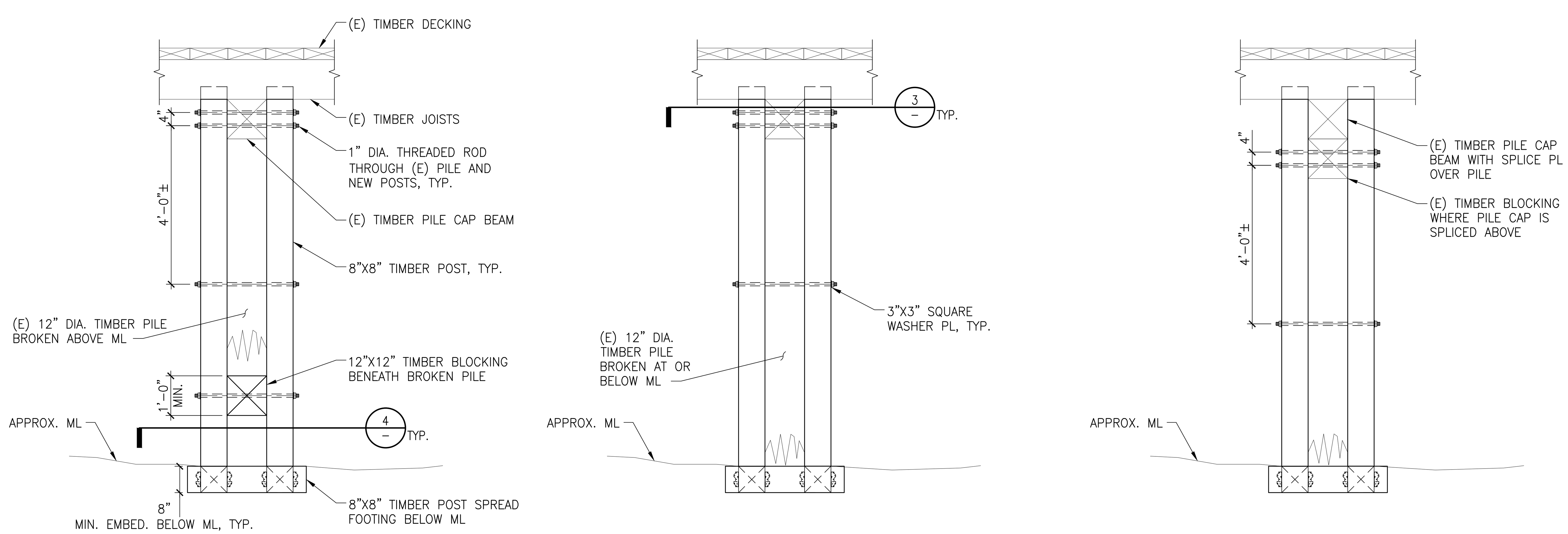
1 GRAND MARINA WHARF SITE PLAN
PROPOSED TEMP. SUPPORT LOCATIONS
SCALE: 3/64" = 1'-0"



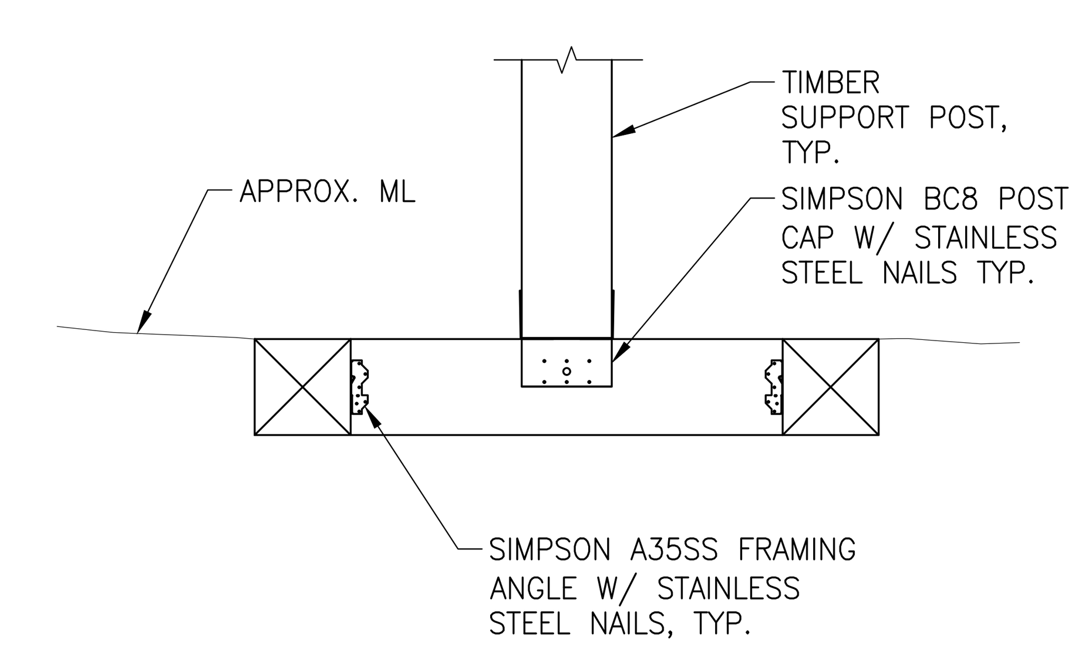
3 PILE SUPPORT SECTION
SCALE: 3/4"=1'-0"



4 PILE SUPPORT FOOTING SECTION
SCALE: 3/4"=1'-0"



2 TEMPORARY PILE SUPPORT ELEVATIONS
SCALE: 1/2"=1'-0"



5 PILE SUPPORT FOOTING ELEVATION
SCALE: 3/4"=1'-0"

SGH
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ISSUED FOR BID

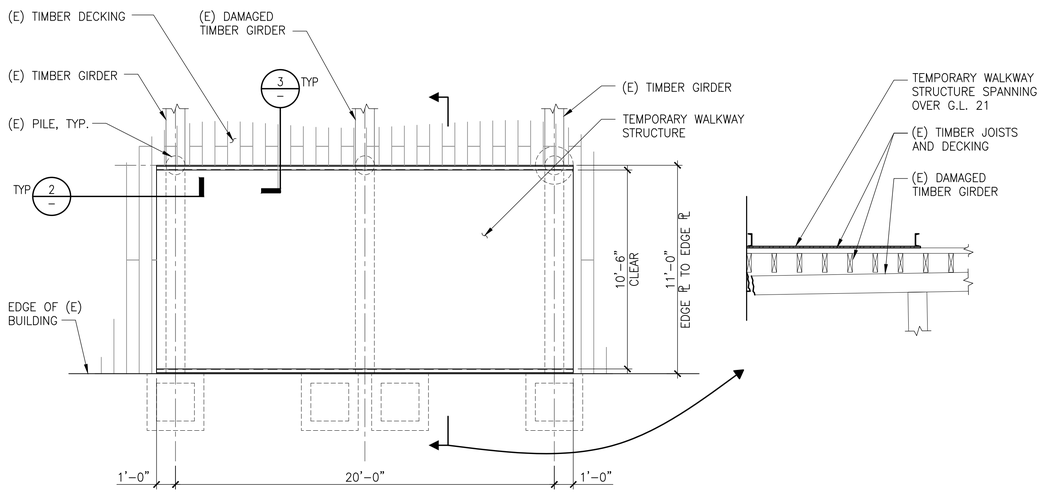
Project
ALAMEDA GRAND MARINA WHARF MAINTENANCE
ALAMEDA, CA

Drawing Title
GRAND MARINA WHARF PILE MAINTENANCE

Project No.	Checked	Date
257116.00	JJP	08/13/2025
Drawn	Approved	Scale
JDG	SXY	AS NOTED

Seal: REGISTERED PROFESSIONAL ENGINEER SAMUEL XIAOCHUN YAO No. 85179 DATE SIGNED: 08/13/2025 CIVIL STATE OF CALIFORNIA

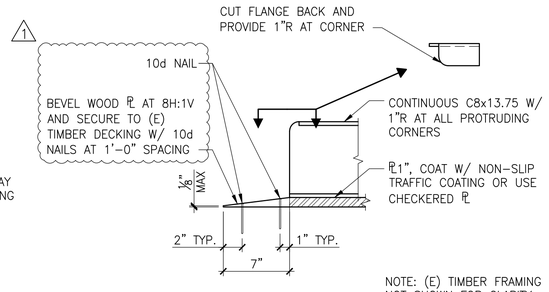
Drawing No.
S-01



AUMR_S02_DX1

1 TEMPORARY WALKWAY STRUCTURE

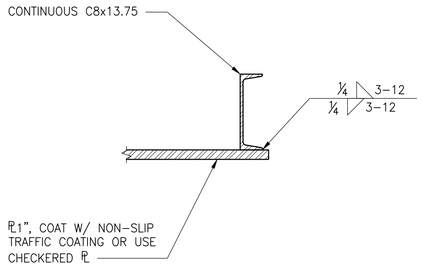
SCALE: 1/4"=1'-0"



AUMR_S02_DX3

2 EDGE OF WALKWAY DETAIL

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



AUMR_S02_DX2

3 CHANNEL TO PLATE CONNECTION DETAIL

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

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ALAMEDA GRAND MARINA WHARF MAINTENANCE

ALAMEDA, CA

Project

GRAND MARINA WHARF TEMPORARY WALKWAY

Drawing Title

Project No.	Checked	Date
257116.00	JJP	08/13/2025
Drawn	Approved	Scale
JDG	SXY	AS NOTED

REGISTERED PROFESSIONAL ENGINEER
SAMUEL XIA OCHUNG
No. 23779
CIVIL
DATE SIGNED: 08/13/2025
STATE OF CALIFORNIA

Seal

Drawing No.

S-02

END OF DOCUMENT