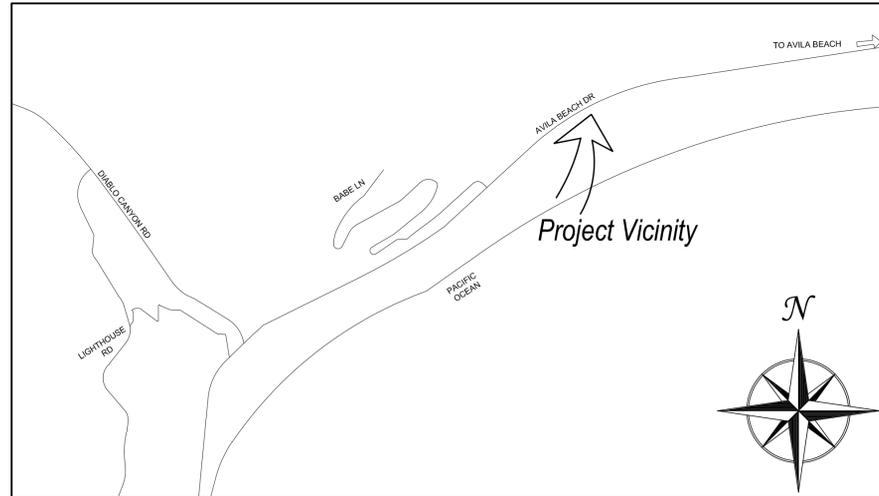


PORT SAN LUIS HARBOR DISTRICT OLD PORT BEACH WEST STAIR REPAIR



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE

SHEET LIST TABLE

Sheet Number	Sheet Title
T0.0	TITLE SHEET
S1.0	GENERAL NOTES
S2.0	GENERAL NOTES
S3.0	TYPICAL DETAILS

CONTACT INFORMATION

OWNER: PORT SAN LUIS HARBOR DISTRICT
CHRIS MUNSON
FACILITIES MANAGER
P: (805) 595-5419

ENGINEER: CANNON
MARSHALL PIHL, SE
1050 SOUTHWOOD DR.
SAN LUIS OBISPO, CA 93401
P: (805): 503-4554

APPLICABLE CODES

- 2019 CALIFORNIA BUILDING CODE (CBC) & REFERENCED STANDARDS.

PROJECT WORK

- FULLY FILL VOIDS UNDER EXISTING STAIR WOOD COLUMNS WITH SHOTCRETE.
- REMOVE EXISTING WOOD, MISCELLANEOUS STEEL & LOOSE CONCRETE @ EXISTING LOWER LANDING.
- PLACE NEW CONCRETE LANDING OVER THE EXISTING CONCRETE PAD.
- PROVIDE/INSTALL NEW GUARDRAIL & STRINGER SUPPORT BRACKETS.

GENERAL NOTES

- ALL WORK SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," 2018 EDITION, AND ITS SUPPLEMENTS AND MODIFICATIONS TO THOSE STANDARD SPECIFICATIONS CONTAINED IN THE CONTRACT SPECIFICATIONS.
- IN ACCORDANCE WITH PROVISIONS OF CALIFORNIA PUBLIC CONTRACT CODE SECTION 3300, THE OWNER HAS DETERMINED THAT THE CONTRACTOR SHALL POSSESS A VALID CLASS A LICENSE AT THE TIME THE CONTRACT BIDS ARE OPENED. FAILURE TO POSSESS THE SPECIFIED LICENSE SHALL RENDER THE BID AS NON-RESPONSIVE AND SHALL ACT AS A BAR TO AWARD OF CONTRACT TO ANY BIDDER NOT POSSESSING SAID LICENSE AT THE TIME OF BID OPENING.
- UTILITIES AND FACILITIES ABOVE AND BELOW THE GROUND ARE LOCATED FROM THE BEST AVAILABLE RECORD INFORMATION. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR FACILITIES SHOWN ON THE PLANS FROM HARM. ATTENTION IS DIRECTED TO POSSIBLE EXISTENCE OF UNDERGROUND UTILITIES OR FACILITIES NOT KNOWN TO THE PORT OR IN A LOCATION DIFFERENT FROM THAT WHICH IS SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND FACILITIES PRIOR TO DOING WORK IN ORDER TO AVOID DAMAGE OF SUCH UTILITY OR FACILITY OR INTERFERE WITH THEIR SERVICE.
- SURVEY MONUMENTS, PROPERTY MARKERS, AND TIE POINTS SHALL BE PRESERVED AND REFERENCED BEFORE CONSTRUCTION AND REPLACED AFTER CONSTRUCTION PURSUANT TO SECTION 8771 F THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.
- BENCHMARK DISKS SHALL NOT BE DESTROYED, OR DISTURBED UNTIL A REPLACEMENT WITH A SECOND ORDER, CLASS ONE, GEODETIC ELEVATION HAS BEEN ACCEPTED BY THE COUNTY ENGINEER.

REVISIONS:	NO.	DATE	DESCRIPTION
	1	3/10/23	For Construction

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**PORT SAN LUIS
OLD PORT WEST STAIRS**
 PORT SAN LUIS HARBOR DISTRICT

PROJECT:

SHEET TITLE:

T0.0

PRINT DATE: 07/24/23

DRWN BY: KT

CHKD BY: MRP

SCALE:

JOB NO: 230131

SHEET NO:

1 of 4

GENERAL NOTES

- Construction shall comply with the latest edition of the California Building Code (CBC), IBC Standards, IBC adopted Standards, and IBC recognized Standards and of any regulating agencies which have authority over any portion of the work, including local, state and federal safety and health standards, laws and regulations.
- General notes and typical details apply to all structural features, unless otherwise indicated.
- If certain features are not fully shown or called out on the drawings or in the specifications, their construction shall be of the same character as for similar conditions.
- The construction documents represent the finished structure and do not indicate methods, procedures or sequence of construction. It is the responsibility of the Contractor to take necessary precautions to maintain and ensure the integrity of the structure during construction. The Contractor shall provide all measures necessary to protect life and property during construction.
- 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 Structural Engineer and shall be resolved before proceeding with the work.
- 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.
- Openings, pockets, etc. shall not be placed in structural members unless specifically detailed on the structural drawings. Notify the Structural Engineer when work requires openings, pockets, etc. in structural members not shown on the structural drawings.
- Where the general notes and the typical details are in conflict with the specifications, the general notes and typical details shall govern. Notes and details within these drawings take precedence over General Notes.
- Construction materials shall be spread out if placed on slabs, floors or roofs. Load shall not exceed the design live load per square foot. Provide adequate shoring where overload is anticipated.
- Unless specifically shown or noted on the structural drawings, anchor bolts or insets for equipment anchorage or installation shall be designed by a Civil or Structural Engineer registered in the state of California, and shall be shown on the architectural, mechanical and/or electrical drawings. Connections of items supported by the structure are the responsibility of the disciplines who are making these attachments. These attachments shall be designed to resist gravity, wind, seismic, thermal loads, etc.
- All correspondence shall go through the Port Facilities Manager.

GEOTECHNICAL DATA

- Geotechnical Report by: No Geotechnical Report. Design conforms to code minimum values per CBC section 1806.

Foundation Type: Conventional spread foundations.

Design Values:

ISOLATED FOOTINGS	ALLOWABLE BEARING PRESSURES
DL	2000 psf
DL + LL	2000 psf
DL + LL + Wind or Seismic	2000 psf

LATERAL RESISTANCE	
Passive Pressure	150 pcf
Coefficient of Friction	0.25

- Site preparation, filling, backfilling and any overexcavation/recompaction of soils shall be performed per industry standards. Subgrade, and fill shall be compacted to a minimum 90%.
- All footings shall bear on compacted or undisturbed soil. Depth of footings shown on the drawings are minimum, and the bottom of footing shall be lowered as required to remove soft soils and achieve minimum compaction.

PROJECT DESIGN CRITERIA

- Code: 2022 California Building Code
- Risk Category: II
- Design Live Loads

Stair and landing:	100 psf
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- Snow Loads

Ground Snow Load, p_g =	0 psf
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- Wind Design Data: N/A
- Earthquake Design Data: N/A

STEEL

- Fabrication and erection of structural and miscellaneous steel shall be in accordance with the requirements of the latest edition of the Specification for Structural Steel Buildings, Allowable Stress Design and Plastic Design, of the American Institute of Steel Construction (AISC) and the Requirements of the AISC Code of Standard Practice for Steel Buildings and Bridges.
- Welding shall be in accordance with the requirements of the CBC and the Structural Welding Code – Steel, AWS D1.1, latest edition, of the American Welding Society. Unless special inspection is provided, shop welding shall be performed only in shops approved by the building official, per CBC section 1701A.7. .
- All steel components shall be ASTM A316 stainless steel.
- Bolts and epoxy/wedge anchors shall conform to ASTM A316 stainless steel.
- No holes other than those specifically detailed shall be allowed thru structural steel members. Bolt holes shall conform to AISC specification, and shall be standard holes unless otherwise noted. No cutting or burning of structural steel will be permitted without prior consent of this engineer.

CONCRETE

- All portions of work pertaining to concrete construction shall conform to the California Building Code, Chapter 19, ACI Standard 318, and other referenced documents.
- All concrete shall be ready-mix in accordance with ASTM C94.
- Cement: ASTM C150 Type V.
- Aggregate: ASTM C33.
- Admixtures shall be approved by Structural Engineer prior to use. Calcium chloride or admixtures containing chloride(s) shall not be used.
- Provide aggregates that do not contain any substance which may be deleteriously reactive with the alkalies in the cement. Fine and coarse aggregates shall be tested in accordance with ASTM C1260. Should the test data indicate potentially reactive aggregate, reject the aggregate(s) or perform additional testing using ASTM C1567.
- Concrete mixes shall be designed by a qualified testing laboratory. Mix designs shall conform to ACI 318, Chapter 26, and CBC Sec. 1903, & 1904. Mixes are to be reviewed by owner's testing lab and submitted to the Architect/Engineer for approval. Do not cast concrete without approval by Architect/Engineer.

Concrete	Strength	Max Agg. Size	Max W/C Ratio
Foundations	4000 psi	1 1/2"	0.50
Shotcrete/Fill	4000 psi	3/8"	0.50

All concrete shall be hard rock aggregate, regular-weight concrete, 145 pcf, unless noted otherwise.

- Maximum slump shall not exceed 3" +/- 1" for footings, and 4" +/- 1" for other shotcrete/fill. Slump limitations noted shall apply to concrete mix prior to the addition of any water-reducing admixtures or super-plasticizers.
- Placement of concrete shall conform to ACI 304. Clean and roughen (by sandblasting, bushhammer, or other approved method) to 1/4" amplitude for all concrete surfaces against which concrete is to be placed.
- Concrete shall be placed in accordance with ASTM C94 and ACI Standard 304.
- Location of construction joints not specified in these drawings must be reviewed by the Structural Engineer. Concrete slab on grade shall have control joints as shown on the foundation plan. Where construction/crack control joints are not specified, provide at a roughly square pattern with segments not exceeding 150 square feet in area.
- All reinforcing bars, anchor bolts and other concrete inserts shall be secured in position prior to placing concrete. Stabbing of anchor bolts or reinforcing into wet concrete is not allowed.
- Concrete elements shall reach 75% of specified 28-day compressive strength before being loaded.

SHOTCRETE

- Shotcrete materials and reinforcing shall comply with General Notes Section "Concrete" and "Reinforcing Steel," except as noted below.
- All shotcrete operations shall be performed by a contractor with at least five years documented experience in such work.
- Shotcrete work shall comply with CBC Section 1910.
- Shotcrete work shall follow the recommendations of the latest edition of the American Concrete Institute's publication ACI 506, "Guide to Shotcrete", the American Concrete Institute's publication ACI 506.2, "Specification for Shotcrete", and applicable ASTM standards.
- All shotcrete shall be by the wet-mix process.
- Reinforcing Steel Placement: For #5 bars and smaller, minimum clearance between parallel reinforcement shall be 2 1/2 inches. For bars larger than #5, minimum clearance between parallel reinforcement shall be equal to 6 bar diameters of the bar used.
- Reinforcing Steel Splices: Only non-contact lap splices are permitted, with least 2 inches of clearance between bars. Splice lengths shall be as indicated in the Typical Details, with the length of lap splices increased by an amount equal to the clearance between the spliced bars.
- Curing: In initial curing, shotcrete shall be kept continuously moist for 24 hours after placement is complete. Final curing shall continue for 7 days after shotcreting. Final curing shall consist of a fog spray or an approved moisture-retaining cover or membrane.

REINFORCING STEEL

- All portions of work pertaining to concrete reinforcing construction shall conform to the California Building Code, Chapter 19, ACI Standard 318, and other referenced documents.
- Reinforcing Steel: ASTM A615 grade 60. All rebar shall be epoxy coated.
- All reinforcement shall be continuous. Stagger splices where possible. Laps shall be per typical details, unless noted otherwise.
- All reinforcing bar bends shall be made cold. Reinforcing bars shall not be re-bent without approval of Structural Engineer.
- Dowels between footings and walls or columns shall be the same grade, size, spacing and number as the vertical reinforcement, respectively, unless noted otherwise.
- Reinforcing steel shall be clean, free of excessive rust, grease, oil or other material likely to impair bond.
- Minimum clear concrete cover for reinforcement, unless noted otherwise:

A. Mild Reinforced Concrete:

Cast against earth:	3 inches
Cast in forms and exposed to earth or weather:	
#6 bar and larger:	2 inches
#5 bar and smaller:	2 inches

Clearances are to closest reinforcement.

ABBREVIATIONS

#	Number or Pound	IBC	International Building Code
&	And	ICC	International Code Council
∠ or L	Angle	ID	Inside Diameter
@	At	INFO.	Information
ABV.	Above	INT.	Interior
AB	Anchor Bolt	JST.	Joist
ADDL.	Additional	JT.	Joint
AISC	American Institute of Steel Construction	KSI	Kips per Square Inch
ALT.	Alternate	LL	Live load
APA	American Plywood Association	LLH	Long Leg Horizontal
APPROX.	Approximate	LLV	Long Leg Vertical
ARCH.	Architectural, Architect	LONG.	Longitudinal
ASTM	American Standards of Testing and Materials	LOC.	Location
		LS	Lag Screw
BLDG.	Building	LTWT	Light Weight
BLK.	Block, Blocking	MAX.	Maximum
BLW.	Below	MB	Machine Bolt
BM.	Beam	MECH.	Mechanical
BN	Boundary Nailing	MFR.	Manufacturer
BO	Bottom of	MIN.	Minimum
BOT.	Bottom	MISC.	Miscellaneous
BRC.	Bearing	(N)	New
BS	Both Sides	NS	Near Side
BTWN.	Between	NTS	Not to Scale
		NWT	Normal Weight
CANT.	Cantilever	OC	On Center
CBC	California Building Code	OD	Outside Diameter
CHD.	Chord	OH	Opposite Hand
CIP	Cast-in-place	OPNG.	Opening
CJ	Construction or Control Joint	PAF	Powder-Actuated Fastener
CJP	Complete Joint Penetration	PERP.	Perpendicular
C or CL	Center Line	PEMB	Pre-Engineered Mtl. Bldg.
CLC.	Ceiling	PL	Plate
CLR.	Clear	PL OR PL	Pounds per Linear Foot
CMU	Concrete Masonry Unit	PLY	Plywood
COL.	Column	PJP	Partial Joint Penetration
CONC.	Concrete	PSF	Pounds per Square Foot
CONN.	Connection	PSI	Pounds per Square Inch
CONT.	Continuous	PT	Pressure Treated
COORD.	Coordinate	PW	Puddle Weld
CSK.	Countersink	QTY.	Quantity
CTR.	Center	RAD.	Radius
D or d	Nail Penny Size	REINF.	Reinforcing
∅ or DIA.	Diameter	REQ.	Required
DBA	Deformed Bar Anchor	RET.	Retaining
DBL.	Double	SAD	See Architectural Drawings
DET.	Detail	SCHD.	Schedule
DF	Douglas Fir	SHT.	Sheet
DIAG.	Diagonal	SHTG.	Sheathing
DIM.	Dimension	SIM.	Similar
DKG.	Decking	SMD	See Mechanical Drawings
DL	Dead Load	SMS	Sheet Metal Screw
DO.	Ditto	SOG	Slab on Grade
DWG.	Drawing	SPEC.	Specification
		SQ.	Square
(E)	Existing	SS	Stainless Steel
EA.	Each	STD.	Standard
EF	Each Face	STOD.	Staggered
EJ	Expansion Joint	STIFF.	Stiffener
ELEV., EL.	Elevation	STL.	Steel
EMBED.	Embedment	STRUC.	Structural
EN	Edge Nail, End Nail	STRGR.	Stringer
EO	Edge of	SW	Shear Wall
EOC	Edge of Concrete	SYM.	Symmetrical
EQ.	Equal	T&B	Top and Bottom
EQUIP.	Equipment	T&G	Tongue and Groove
ES	Each Side	TEMP.	Temporary
EW	Each Way	THRU.	Through
EXP.	Expansion	TN	Toe Nail
EXT.	Exterior	TO	Top of
		TOB	Top of Beam
FDN.	Foundation	TOC	Top of Concrete
FF	Finish Floor	TOG	Top of Grating
FG	Finish Grade	TOS	Top of Steel
FIN.	Finish	TOW	Top of Wall
FJ	Floor Joist	TRANSV.	Transverse
FLR.	Floor	TYP.	Typical
FN	Field Nail	UNO	Unless Noted Otherwise
FOC	Face of Concrete	URM	Unreinforced Masonry
FOM	Face of Masonry	VERT.	Vertical
FOS	Face of Stud	VF	Verify in Field
FRMG.	Framing	VD	Vertical
FS	Far Side	WVF	Welded Wire Fabric
FT.	Foot, Feet	w/	With
FTG.	Footing	w/o	Without
		WP	Work Point
GA.	Gauge	WSHR.	Washer
GALV.	Galvanized		
GL	Grid Line		
GLB	Glued-laminated Beam		
GWB	Gypsum Wall Board		
HD	Holdown		
HDG	Hot Dipped Galvanized		
HDR	Header		
HGR.	Hanger		
HORIZ.	Horizontal		
HSB	High Strength Bolt		
HSS	Hollow Structural Section		
HT.	Height		

REVISIONS:

NO.	DATE	DESCRIPTION
1	31Oct23	For Construction

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PROJECT: PORT SAN LUIS
 OLD PORT WEST STAIRS
 PORT SAN LUIS HARBOR DISTRICT

SHEET TITLE:

S1.0

PRINT DATE: 07/24/23
 DRWN BY: KT
 CHKD BY: MRP
 SCALE:
 JOB NO: 230131
 SHEET NO:

SUBMITTALS

1. Submittals shall be submitted to the Port Facilities Manager and Structural Engineer for review prior to fabrication of the items.
2. A schedule for submittal of shop drawings shall be prepared by the Contractor and reviewed by the Port Facilities Manager and Structural Engineer prior to the start of fabrication. The schedule shall proportion the quantity of shop drawings to be reviewed in each submittal to allow sufficient time, as deemed reasonable in the professional judgement of the Port Facilities Manager and Structural Engineer, to permit adequate review. Allow a minimum of (10) working days for review by the Structural Engineer.
3. Shop drawings shall indicate the date or revision of drawing(s) from which the drawings were prepared. Submittals that do not identify the latest date or revision of drawing(s) will be returned without review. Only shop drawings that are complete will be accepted for review.
4. If, after review, the shop drawings must be revised and resubmitted, the shop drawings shall identify each revision and/or addition by clouding or other means to assure proper review.
5. Submittals will not be accepted directly from subcontractors. Submittals will be accepted from the General Contractor only after being reviewed and signed by the General Contractor, indicating compliance with the requirements of the construction documents. Submittals not complying with the requirements noted above or in the specifications will be returned without review.
6. 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.

STRUCTURAL STEEL

1. Shop Drawings and Erection Drawings:
 - A. 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.
 - B. 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.
 - C. 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.
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.

CONCRETE REINFORCEMENT

1. Shop drawings complying with the requirements of ACI SP-66. include bar schedules, shapes of bent bars, spacing of bars, and location of splices.

CAST-IN-PLACE CONCRETE

1. Mix designs and test data for concrete mixes, at least 15 days prior to intended placement. Mix design submittals shall include, as a minimum, the following:
 - A. List of materials proposed weights and volumes of each material per cubic yard.
 - B. Specification of source for each material.
 - C. Gradation listing of aggregates and certification that coarse and fine aggregates meet the requirements listed in the concrete materials article of the cast-in-place concrete section of the specifications.
 - D. List of admixtures, with manufacturer's data sheets.
 - E. Certification that all aggregates are compatible with the proposed cement.
 - F. Laboratory test reports from trial batches of field experience, as applicable for the specific mix proposed for use.
 - G. The mix design shall be signed by a Professional Engineer licensed in the state of California.
2. Product data, material safety data sheets (MSDS) and Code Evaluation Reports, as applicable, for proprietary materials and items, including curing compounds, epoxy resins, surface treatments and proprietary anchoring systems.
3. Drawings indicating proposed locations of construction joints and control joints.
4. Description of curing methods proposed and products to be employed.

POST-INSTALLED ANCHORS

1. Product data and Code Evaluation Reports for anchors proposed as alternatives to those specified.
2. Preparation instructions and recommendations.
3. Installation methods.
4. Storage and handling requirements and recommendations.

SHOTCRETE

1. Mix design and test data for shotcrete, at least 15 days prior to intended first shooting of preconstruction test panels. Include a complete list of materials, including admixtures and copies of test reports showing mix has been successfully tested to produce shotcrete with specified properties. The mix design shall be signed by a Professional Engineer licensed in the state of California. Obtain acceptance prior to preconstruction testing.
2. Product data for proprietary materials and items, including reinforcement and forming accessories, pre-bagged shotcrete materials, admixtures, patching compounds, and curing compounds.
3. Nozzlemen certifications in accordance with ACI 506.3R. Submit, for each nozzlemen, certification in each type of shotcrete application required. Include the name of the certifying agency and the date of certification.
5. Shotcrete Procedure: Description of shotcrete process proposed.

SCHEDULE OF SPECIAL INSPECTIONS AND TESTS 2022 CBC

1. Special inspections and testing shall be performed in accordance with the approved plans and specifications, statement of special inspections and building code sections 1704 and 1705.
2. The schedule of special inspections summarizes the special inspections and tests required. Special inspectors shall refer to the approved plans and specifications for detailed special inspection requirements. Any additional tests and inspections required by the approved plans and specifications shall also be performed.
3. Schedule of special inspections and tests applicable to this project.
 - A. Special inspections per sections 1704 and 1705 (only indicated items are required)
 - B. Special inspections for wind resistance/seismic resistance per section 1705.11/1705.12

Notation Used in Table:

Column headers:
 C Indicates continuous inspection is required.
 P Indicates periodic inspections are required. The notes below and/or contract documents should clarify Box entries:
 X Is placed in the appropriate column to denote either "C" continuous or "P" periodic inspections.
 --- Denotes an activity that is a one-time activity.
 Std. Indicates that the standard defines frequency.

- Additional detail regarding inspections and tests are provided in the project specifications or notes on the drawings.
4. Reports will be submitted to the building official and the registered design professional in responsible charge in accordance with section 1704.2.4.
 5. A final report of special inspections documenting required special inspections, testing and correction of any discrepancies noted in the inspection shall be submitted prior to issuance of a certificate of use and occupancy (section 1704.2.4). The final report will document.
 - A. Required special inspections
 - B. Correction of discrepancies noted in inspections.
 7. The owner recognizes their obligation to ensure that the construction complies with the approved permit documents and to implement this program of special inspections in partial fulfillment of these obligations, the owner will retain and directly pay for the special inspections as required in section 1704.2.
 8. This plan has been developed with the understanding that the building official will:
 - A. Review and approve the qualifications of the special inspectors who will perform the inspections.
 - B. Monitor special inspection activities on the job site to assure that the special inspectors are qualified and are performing their duties as called for in this statement of special inspection.
 - C. Review submitted inspection reports.
 - D. Perform inspections as required by the local building code.

VERIFICATION AND INSPECTION		C	P	REQ'D
1705.2 – Steel Construction				
1705.2.1 – Structural steel				
1. Review material test reports and certifications (AISC 360 N5.2)		---		N/A
2. Inspection of welding (AISC 360 N5.4)		Std.		YES
3. NDT of welded joints (AISC 360 N5.5)			X	N/A
4. Inspection of high strength bolting (AISC 360 N5.6)		Std.		N/A
5. Verify compliance of steel members with details on construction documents (AISC 360 N8)			X	YES
6. Headed stud anchors (AISC 360 Table N5.4-2)		Std.		N/A
1705.3 Concrete				
Table 1705.3 – Concrete Construction				
1. Inspection of reinforcing steel, including prestressing tendons and placement			X	YES
2. Reinforcing bar welding				
a. Verify weldability if not ASTM A706			X	N/A
b. Single pass fillet welds max 5/16"			X	N/A
c. Inspect other welds		X		N/A
3. Inspection of anchors cast in concrete			X	YES
4. Inspection of anchors installed in hardened concrete.				
a. Adhesive anchors horizontally or upward inclined		X		YES
b. Mechanical anchors and other adhesive anchors			X	YES
5. Verify use of required design mix			X	YES
6. Prior to concrete placement fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete		X		YES
7. Inspect concrete and shotcrete placement for proper application techniques		X		YES
8. Verify maintenance of specified curing temperature and techniques			X	YES
9. Inspect prestressed concrete for:				
a. Application of prestressing forces, and		X		N/A
b. Grouting of bonded prestressing tendons		X		N/A
10. Inspect erection of precast concrete members			X	N/A
11. Verify in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs		X		N/A
12. Inspect formwork for shape, location, and dimensions of the concrete member being formed		X		YES
ACI 318-14 Section 26.12: Compressive tests of specimens taken during concrete placement		X		YES

SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED IN ACCORDANCE WITH CBC SECTIONS 1704 AND 1705. C – DENOTES CONTINUOUS INSPECTIN IS REQUIRED. P – DENOTES PERIODIC INSPECTIONS ARE REQUIRED.

REVISIONS:	NO.	DATE	DESCRIPTION
	1	310C123	For Construction



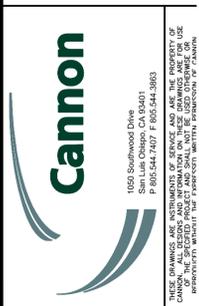
PROJECT: PORT SAN LUIS OLD PORT WEST STAIRS PORT SAN LUIS HARBOR DISTRICT

SHEET TITLE: **S2.0**

PRINT DATE: 07/24/23
 DRWN BY: KT
 CHKD BY: MRP
 SCALE:
 JOB NO: 230131
 SHEET NO:

REVISIONS:	NO.	DATE	DESCRIPTION
1	31Oct23	For Construction	

STAMP:



**PORT SAN LUIS
OLD PORT WEST STAIRS
PORT SAN LUIS HARBOR DISTRICT**

PROJECT:
SHEET TITLE:
S3.0
PRINT DATE: 07/24/23
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