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Map labels include: SUNNYSIDE, MISSION TERRACE, UNIVERSITY MOUND, PORTOLA, BAYVIEW, HUNTERS POINT, BALBOA PARK, EXCELSIOR, McLaren Park, VISITACION VALLEY, SUNNYDALE, BAYSHORE HEIGHTS, CAYUGA TERRACE, SOUTHERN HILLS, LITTLE HOLLYWOOD, CANDLESTICK POINT SRA, and CANDLESTICK POINT STATE RECREATION AREA.

Landmarks and businesses shown: Manila Oriental Market, East Star Building Supply, McDonald's, Laughing Monk Brewing, Golden Bridges School, BAPS Shri Swaminarayan Mandir, Jerry Garcia Amphitheater, Philosopher's Way Trailhead, Crocker Amazon Soccer Fields, McLaren Bike Park, Hummingbird Farm, Cow Palace Arena & Event Center, 7 Mile House, and various schools and parks.



SUNNYDALE AVE

HAHN STREET



SANJAY VORA

SPRING 2022

REFLECTION & PROJECTION

Art Proposal for the Herz Recreation Center Public Art Project



STATEMENT OF INTENT

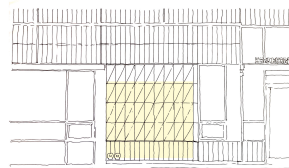
Throughout time, joy and play amongst family and community have been universal to the human experience. The Herz Recreation Center and adjoining plaza is designed for this very purpose—for gathering, for playing, and for experiencing joy amongst the Visitation Valley neighborhood and greater community. I think of my piece as being born from a reflection of what was, is, and will be in the spaces of the Herz Recreation Center Plaza and surrounding neighborhoods. Comprised of 36 colorful and uniquely painted ceramic tiles, and 36 mirror-polished stainless steel tiles, this experiential and interactive wall piece will celebrate and reflect the multiracial, multicultural and intergenerational joy and play of this vibrant neighborhood. Through a composite visual depiction interspersed amongst actual reflections, visitors will experience the painted visuals of people playing and smiling spread across the ceramic triangles while they will simultaneously “see themselves”, the plaza, and the park reflected in the juxtaposing mirror triangles. The concept imagery currently depicted in the renderings are an example of what the various people in the scene could be doing and how they may appear.

KEY POINTS

- Extremely durable materials
- Very low maintenance
- Graffiti and all-weather resistant materials
- Visual integration with existing architecture
- Vibrant colors and playful geometric design
- Interactive mirror play
- Visuals of different people promote inclusivity and play
- Concept reflects joy amongst a diverse community
- Design, fabrication and installation under one entity

ARCHITECTURAL INTEGRATION

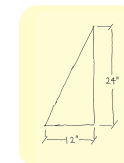
Significant to the creation of the triangle design is the existing dimensions of the rectangular tile cladding surrounding the piece measuring 6” wide by 24” high. Derived from these dimensions, the two juxtaposed triangles of ceramic and metal in the art piece make up a 12” wide by 24” high rectangle. With this dimensional alignment, the piece exudes a visually harmonic integration with the overall building.



Proposed art elevation integrated with building cladding



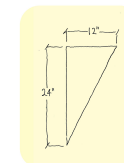
Art in context of exterior south elevation



Ceramic Tile

Naturally heat, flame, water, scratch, stain, fade, and graffiti resistant

Extremely durable, used in many exterior architectural and public art applications globally



Stainless Steel Tile

Non-directional, marine grade mirror-polished stainless steel

Extreme durability and all-weather resistant, can be re-buffed easily for polishing

Used in many exterior architectural and public art applications globally



GENERAL STRUCTURAL NOTES

01100 GENERAL REQUIREMENTS

1. MATERIALS AND WORKMANSHIP TO CONFORM WITH THE 2022 EDITION OF THE CALIFORNIA BUILDING CODE.
2. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, USE SIMILAR DETAILS OF CONSTRUCTION, SUBJECT TO REVIEW BY THE OWNER'S REPRESENTATIVE.
3. DETAILS ON SHEETS TITLED "TYPICAL" OR DETAILS TITLED "TYPICAL" APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. SUCH DETAILS ARE NOT NOTED AT EACH LOCATION THAT THEY OCCUR.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND FOR CHECKING DIMENSIONS. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES AND RESOLVE BEFORE PROCEEDING WITH THE WORK.
5. DO NOT SCALE THE DRAWINGS.
6. PROVIDE MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO, BRACING AND SHORING FOR LOADS DURING CONSTRUCTION AND FOR TEMPORARY SUPPORT OF THE BUILDING. RETAIN A REGISTERED CIVIL ENGINEER WHOM IS PROPERLY QUALIFIED TO DESIGN BRACING, SHORING, ETC. VISITS TO THE SITE BY THE OWNER'S REPRESENTATIVE WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.
7. INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.
8. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE SITE AND DISPOSE OFF SITE.
9. VERIFY ALL DIMENSIONS IN THE FIELD. NOTIFY ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
10. ALL EXISTING HAZARDOUS MATERIALS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LOCAL AND STATE CODES. NO NEW OR EXISTING CONSTRUCTION SHALL CONTAIN HAZARDOUS OR PROHIBITED MATERIALS.
11. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT AREAS ADJACENT TO NEW CONSTRUCTION FROM NOISE, DEBRIS AND DUST THROUGHOUT THE PERFORMANCE OF THE CONTRACT.
12. ANY DAMAGE TO EXISTING UTILITIES OR FACILITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER.
13. CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THESE CONDITIONS.

14. CONTRACTOR SHALL MAINTAIN THE STREETS AND ANY OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ANY SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS MUST BE REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT.

15. THE ENGINEER-OF-RECORD SHALL PERFORM STRUCTURAL OBSERVATIONS PER CBC 1704. THE ENGINEER SHALL REPORT ANY OBSERVED DEFICIENCIES TO THE OWNER, CONTRACTOR AND BUILDING OFFICIAL, AND SUBMIT A FINAL SUMMARY REPORT STATING SITE VISITS HAVE BEEN MADE, NOTING ANY DEFICIENCIES, THAT CORRECTIVE WORK HAS BEEN COMPLETED, AND THAT CONSTRUCTION PROCEEDED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

16. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE TO THE ENGINEER PRIOR TO ALL REQUIRED TESTING AND OBSERVATIONS U.O.N. CONTRACTOR SHALL CALL ENGINEER FOR OBSERVATION OF ALL FOUNDATION STEEL AND EXCAVATIONS PRIOR TO PLACING CONCRETE. CONTRACTOR SHALL CALL ENGINEER FOR HOLD DOWN OBSERVATION PRIOR TO SHEATHING, AND FRAMING, NAILING AND SHEAR WALL OBSERVATION PRIOR TO COVERING EITHER SIDE OF SHEATHING WITH FINISHED MATERIALS. THE CONTRACTOR SHALL CALL ENGINEER TO OBSERVE ALL STRUCTURAL MEMBERS AND CONNECTIONS FOR CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS PRIOR TO CONCEALMENT WITH FINISH MATERIALS.

01400 SPECIAL INSPECTIONS

1. AN INDEPENDENT TESTING AGENCY AND SPECIAL INSPECTOR SHALL BE RETAINED BY THE CONTRACTOR TO PERFORM TESTS AND INSPECTIONS.
2. THE FOLLOWING ITEMS REQUIRE TESTS AND INSPECTIONS IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 - "STRUCTURAL TESTS AND INSPECTIONS" OF THE 2022 CALIFORNIA BUILDING CODE:
 - A. SINGLE PASS FILLET WELDS - PERIODIC VISUAL INSPECTION
3. IF INITIAL TESTS OR INSPECTIONS MADE BY THE OWNER'S TESTING AGENCY REVEAL THAT ANY PORTION OF THE WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, ADDITIONAL TESTS, INSPECTIONS, AND NECESSARY REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.

05000 STRUCTURAL STEEL

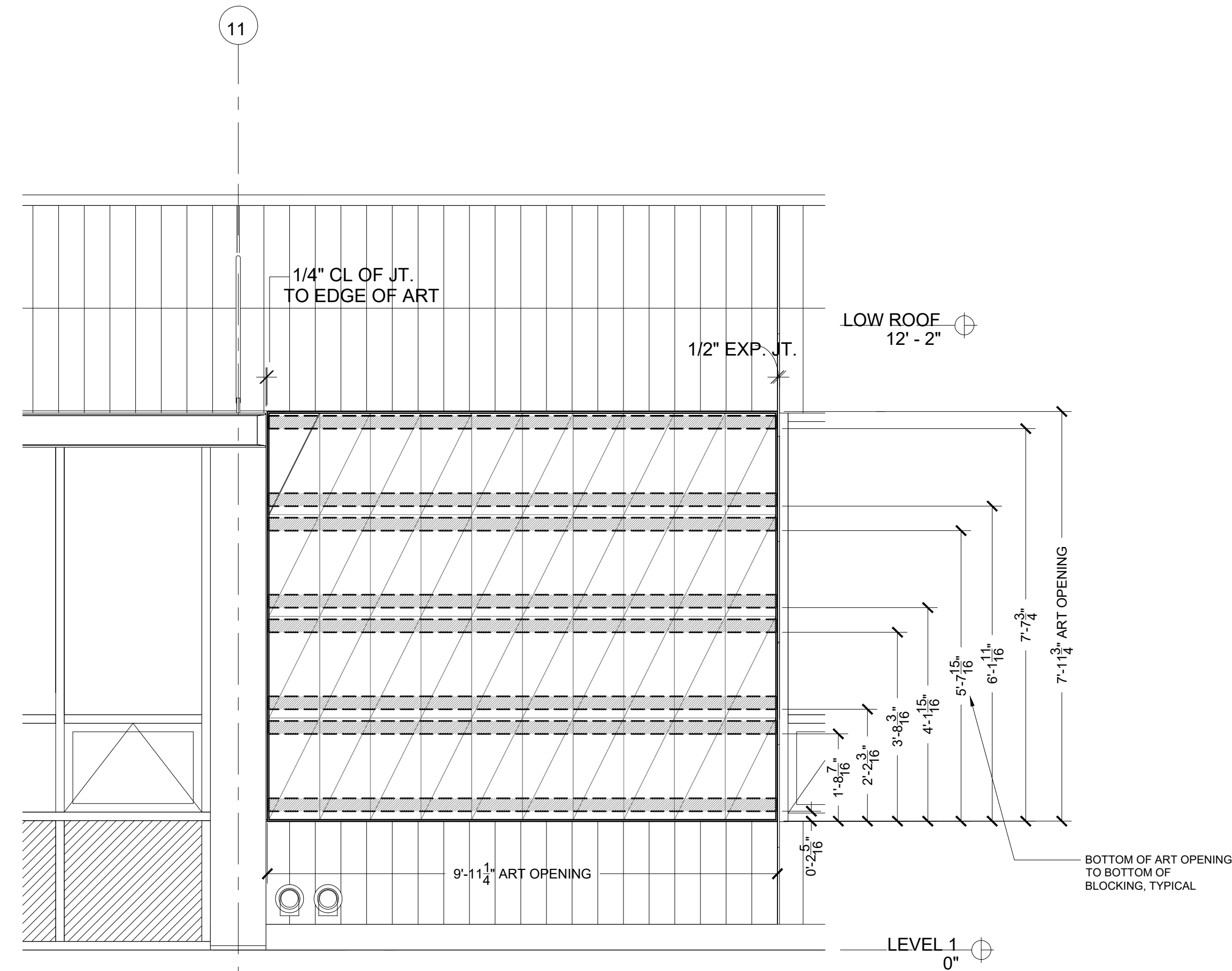
1. STRUCTURAL STEEL, FABRICATION AND ERECTION METHODS SHALL CONFORM TO THE CURRENT ADDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
2. ALL STEEL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
3. ALL STRUCTURAL STEEL SHALL BE PRIMED.
4. STEEL SHALL BE THE FOLLOWING:
 - ROLLED PLATES AND BARS - ASTM A36
 - ANGLES AND CHANNELS - ASTM A36
 - HSS RECTANGULAR SECTIONS - ASTM A500, GRADE C (50 KSI)
5. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1. ELECTRODES SHALL BE E70x.

05400 COLD FORMED STEEL FRAMING (C.F.S.)

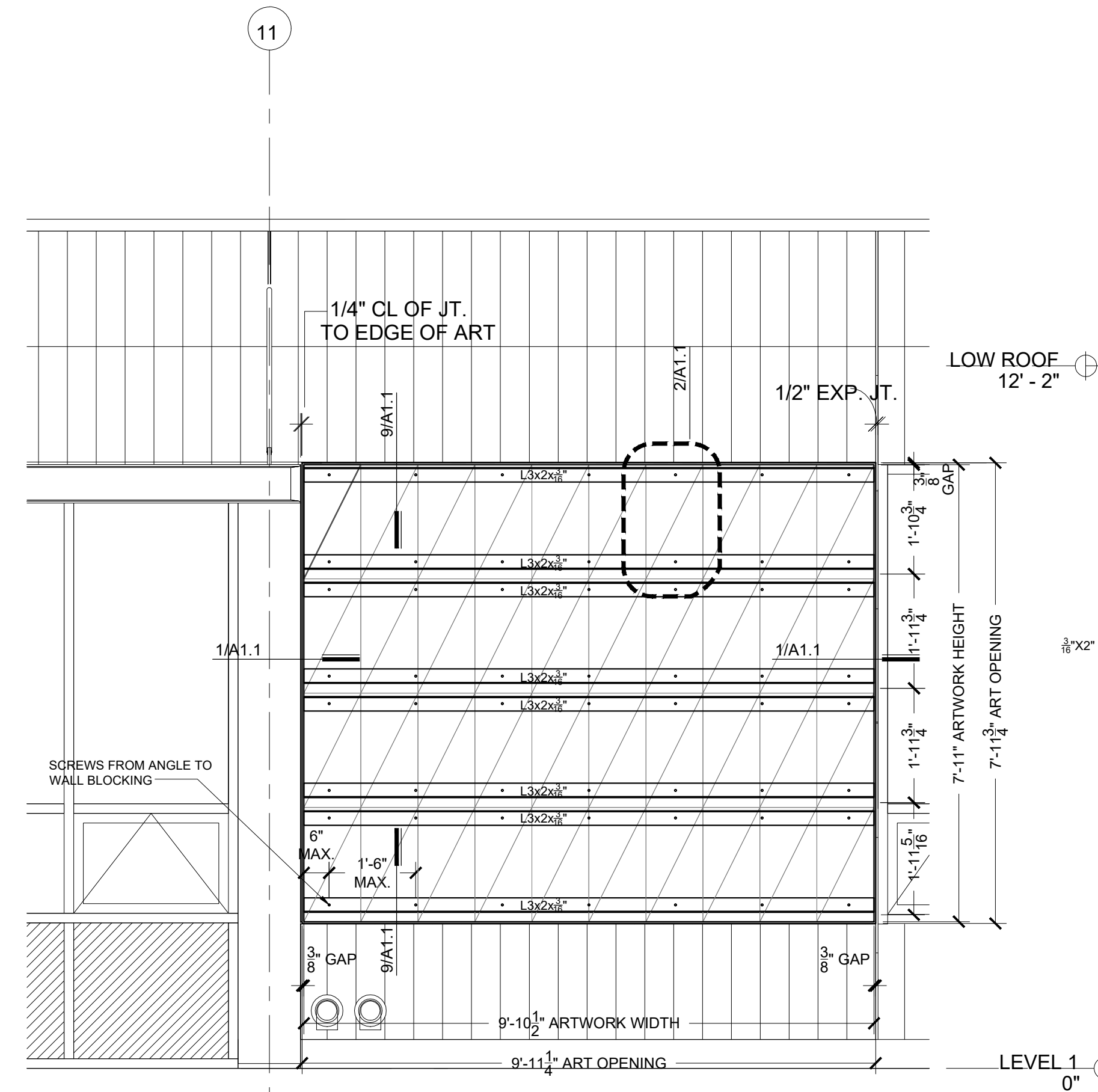
1. COLD FORMED FABRICATION SHALL CONFORM TO AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.
2. ALL GALVANIZED STUDS AND/OR JOISTS 54, 68 AND 97 MIL SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A446, GRADE D, WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
3. ALL GALVANIZED STUDS AND/OR JOISTS 33 AND 43 MIL AND ALL GALVANIZED TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A446, GRADE A, WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI.
4. ALL WELDS FOR COLD-FORMED STEEL SHALL BE IN ACCORDANCE WITH AISC AND AISI SPECIFICATIONS.
5. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS. ALL WELDS SHALL BE INSPECTED BY A CERTIFIED WELDING INSPECTOR. MINIMUM COLD-FORMED STEEL THICKNESS ALLOWED FOR FIELD WELDING C.F.S. TO STRUCTURAL STEEL IS 54 MIL AND FOR FIELD WELDING C.F.S. TO C.F.S. IS 43 MIL.

17000 DESIGN CRITERIA
DESIGN PER 2022 CALIFORNIA BUILDING CODE

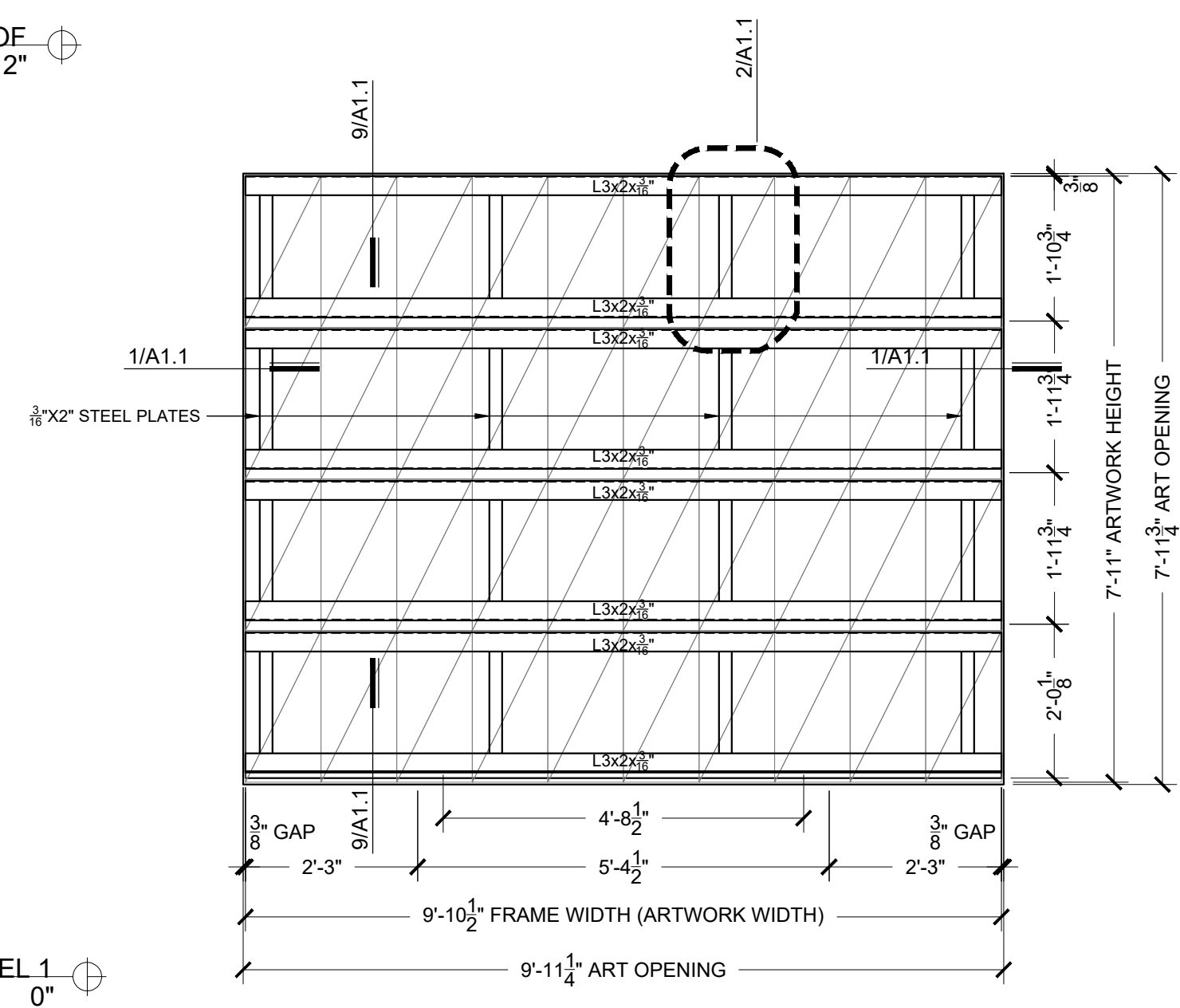
1. DEAD LOADS: VARY BASED ON ACTUAL ARTWORK WEIGHTS.
2. LIVE LOADS: 200 LB LATERAL LOAD AT 42" ABOVE FINISHED GRADE
3. SEISMIC DESIGN: SOIL TYPE D DEFAULT
BASE SHEAR $V = 1.7 W$ (ULTIMATE STRENGTH DESIGN), $R_p = 1.0$, $a_p = 1.25$, $S_1 = 0.649$, $S_{M1} = 1.923$, $S_{D1} = 1.28$
4. WIND DESIGN: RISK CATEGORY II,
 $V_{ult} = 91$ MPH (3 SECOND GUST)
EXPOSURE C
 $G_{CPI} = +/- 0.18$



3 BLOCKING IN WALL FOR ARTWORK ATTACHMENT (BY OTHERS)
1/4" = 1'-0"



2 PROPOSED WALL SUPPORT ELEVATION
1/4" = 1'-0"



1 PROPOSED ART FRAME ELEVATION
1/4" = 1'-0"



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510 330 6654

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PROJECT ADDRESS:
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San Francisco, CA
94134

VORA
ARTWORK @
HERZ REC
CENTER

rev.	issue	date
	SFAC REVIEW	12/13/23

PROPOSED ARTWORK
STRUCTURAL
ELEVATION

A1.0

sheet

