



## STRUCTURAL OBSERVATION REPORT FORM

**STRUCTURAL OBSERVATION** means the visual observation of the structural system, for general conformance to the approved plans and specifications, at significant construction stages and at completion of the structural system. Structural observation does not include or waive the responsibility for the inspections required by Section 110, 1704, or other sections of the Code.

Date: January 29, 2025	Address: 2710 Durahart Street Riverside, CA	Report No: 01
JKL Project #25008	Contractor:	Page No. 1 of 1

### OBSERVED STRUCTURAL ELEMENTS AND THEIR CONNECTIONS

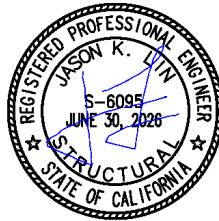
FOUNDATION	WALL	FRAME	Floor	OBSERVATION LOCATION
<input type="checkbox"/> Hardware & Reinforcement <input type="checkbox"/> Footing Geometry <input type="checkbox"/> Caisson, Piles, Grade beams <input type="checkbox"/> Retaining Foundation	<input type="checkbox"/> Concrete <input type="checkbox"/> Masonry <input checked="" type="checkbox"/> Wood	<input type="checkbox"/> Steel Moment Frame <input type="checkbox"/> Steel Braced Frame <input type="checkbox"/> Concrete Moment Frame	<input type="checkbox"/> Concrete <input type="checkbox"/> Steel Deck <input checked="" type="checkbox"/> Wood	General condition of existing building framing

NOTED DEFICIENCIES:  Location as Described  Key(s) Attached  No Deficiencies Observed

1. The roof framing consists of nonstandard framing where steel supports and wood supports are mixed. Recommend removing the wood framing and installing steel supports as required.
2. Several steel columns are site built and looks to be welded together using scrap steel. Recommend removing entire column and replacing with HSS steel post.
3. The existing columns do not look like there is a pad footing below to support the vertical load. Recommend installing new pad footings at column locations.
4. There doesn't look to be a lateral resisting system in place as we don't see any moment frame connections. Recommend designing a new lateral system.
5. The current metal siding is not braced out of plan and does not look like it meets wind load requirements. Recommend installing wall studs or some other curtain system that meets code requirements.

CONTRACTOR SHALL SIGN AND RETURN FORM TO JKL STRUCTURAL ENGINEERING INC. ONCE ALL OBSERVED DEFICIENCIES ARE CORRECTED. (A final report by the structural observer which states that all observed deficiencies have been resolved is required before acceptance of the work by the building officials.)

Signature of Observer  
Jason Lin, S.E.  
JKL Structural Engineering, Inc.



Signature of Report Recipient  
James Leung – Project Superintendent