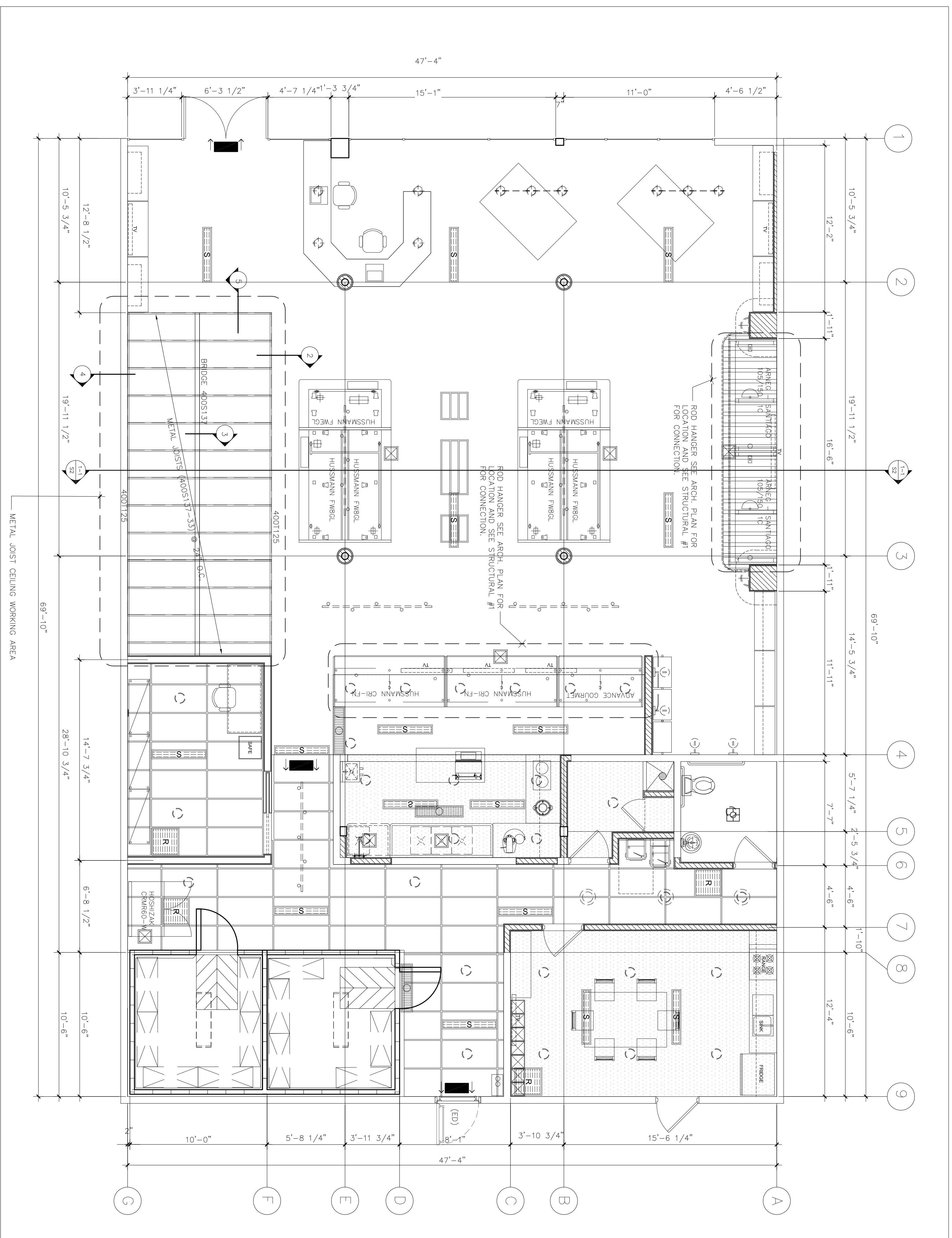


(N) REFLECTED CEILING PLAN (RCP)
(STRUCTURAL PORTION)



STRUCTURAL ENGINEERING DESIGN DATA

CODE: 2017 CBC EDITION WITH CITY AMENDMENTS
 CEILING DEAD LOAD (FOR METAL JOIST ONLY) 3 Psf
 CEILING LIVE LOAD (FOR METAL JOIST ONLY) 5 Psf
 WIND SPEED (V): 110 MPH, 3-SECOND GUST EXPOSURE 'C'

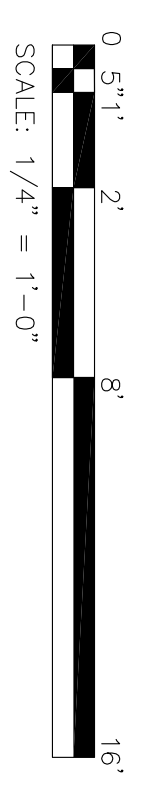
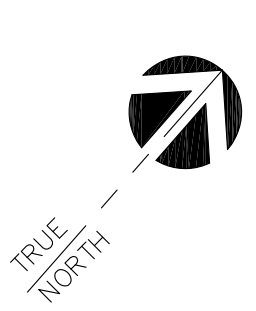
EARTHQUAKE DESIGN DATA

- 1) SEISMIC RISK CATEGORY: II
- 2) SS=1.347, S1=0.504, S0S = 0.898, SDI = 0.504
- 3) SOIL SITE CLASS: D

COLD-FORMED STEEL STUDS

ALL STEEL CONSTRUCTION SHALL CONFORM TO CHAPTER 22, DIVISION VII OF THE 2017 CALIFORNIA BUILDING CODE.
 ALL COLD-FORMED STEEL FRAMING SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE LATEST EDITION OF SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS BY THE AMERICAN IRON AND STEEL INSTITUTE.
 ALL 12, 14, AND 16 GAUGE STUDS AND JOISTS SHALL HAVE A MINIMUM YIELD STRESS OF 33,000 PSI AND MEET THE REQUIREMENTS OF ASTM 570 OR ASTM A-446-D.
 ALL 20, 22 AND 24 GAUGE STUDS AND JOISTS SHALL HAVE A MINIMUM YIELD STRESS OF 33,000 PSI AND MEET THE REQUIREMENTS OF ASTM 570 OR ASTM A-446-D.
 ALL COLD FORMED STEEL SECTIONS SHALL CONFORM TO IBCO FR-4043 OR OTHER ACCEPTABLE APPROVALS AS SUBMITTED BY THE MANUFACTURER.
 STEEL MEMBERS AT LOCATIONS EXPOSED TO WEATHER OR OTHERWISE NOTED ON THE DRAWINGS SHALL BE GALVANIZED.

ALL STUDS SHALL BE ERRECTED SO AS TO PROVIDE FULL END BEARING AT TOP AND BOTTOM JOISTS SHALL BE ERRECTED WITH CORNERS, CORNERS INTERSECTIONS, AND BEAM OR JOIST BEARING CONDITIONS SHESS NOTED OTHERWISE ON DRAWINGS.
 TOP & BOTTOM TRACK SHALL BE 16GA. HAVE A MIN. FLANGE DIMENSION OF 1-1/4". BOTTOM TRACK ANCHORS SHALL BE .145" PINS @ 12" O.C. LINK.
 ALL WELDING SHALL BE PERFORMED BY WELDERS EXPERIENCED IN LIGHT GAUGE STEEL FRAME CONSTRUCTION.
 PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT LIMITED TO, TRACKS, CURPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES, RESISTANT CURPS, AND OTHER ACCESSORIES REQUIRED FOR FIELD AND RESISTANT CONNECTION AS RECOMMENDED BY THE MANUFACTURER FOR THE STEEL MEMBERS USED.
 SPLICES IN MANUALLY LOADED STUDS SHALL NOT BE PERMITTED.



REVISIONS	BY

PROJECT:	GREAT AMERICAN INTERNATIONAL SEAFOOD MARKET
LOCATION:	31224 PALOS VERDES DR. WEST, RANCHO PALOS VERDES, CA 90275

DATE:	SEPTEMBER 6, 2018
SHEET TITLE:	NEW CEILING PLAN FOR STRUCTURAL
BUILDING PERMIT #:	BLD XXXXXX

SHEET NO.	S1.0
JOB NO.	1805

24575 Ruediger Ave 2nd floor San Jose, CA 95131 415.931.1248	
--	--