

CANOPY NOTES

GENERAL NOTES:

1. BUILDING CODE: 2014 FLORIDA BUILDING CODE
2. USE GROUP: M
3. DESIGN LOADS:
 - EARTHQUAKE LOAD:
 - IMPORTANCE FACTOR: 1.0
 - DESIGN BASE SHEAR: 1.43k
 - SEISMIC RESPONSE COEFFICIENT: $C_s = 0.04$
 - RESPONSE MODIFICATION FACTOR: $R = 1.25$
 - SEISMIC ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
 - SPECTRAL RESPONSE COEFFICIENT: $S_s = 0.043g$ $S_Ds = 0.046g$
 - SPECTRAL RESPONSE COEFFICIENT: $S_1 = 0.021g$ $SD_1 = 0.034g$
 - SITE CLASS: D
 - SEISMIC DESIGN CATEGORY: A
 - BASIC SEISMIC FORCE RESISTING SYSTEM - CANTILEVERED COLUMN SYSTEM
4. ROOF LIVE LOAD: 20 PSF
5. ROOF SNOW LOAD:
 - $P_g = 0$ PSF
 - $P_f = 0.7(C_e)(C_t)(I)(P_g)$
 - $C_e = 1.0$
 - $C_t = 1.2$
 - $I = 1.0$
 - GROUND SNOW LOAD
 - FLAT ROOF SNOW LOAD
 - EXPOSURE FACTOR
 - THERMAL FACTOR
 - IMPORTANCE FACTOR
6. WIND LOAD:
 - $V = 140$ MPH
 - $I = 1$
 - EXPOSURE CATEGORY: C
 - BUILDING OCCUPANCY CATEGORY: II
 - BASIC WIND SPEED (3 SEC GUST)
 - IMPORTANCE FACTOR
7. CONTRACTORS SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS THE CONTRACTOR SHALL NOTIFY JIMCO SALES & MFG.

MATERIAL PROPERTIES:

- CONCRETE: $f'_c = 3000$ psi @ 28 DAYS
- REINFORCING: $f_y = 60,000$ psi
- STEEL BEAMS: $f_y = 50,000$ psi
- HSS SQUARE COLUMNS: $f_y = 46,000$ psi
- HSS ROUND COLUMNS: $f_y = 42,000$ psi
- BASEPLATE: $f_y = 50,000$ psi

FOUNDATION NOTES:

1. FOUNDATION SOIL PROPERTIES:
 - ALLOWABLE BEARING PRESSURE: 2500 PSF
 - LATERAL PRESSURE: 100 PSF/FT OF DEPTH
- NOTE: GEOTECH INVESTIGATION BY ARDAMAN & ASSOCIATES, PROJECT #15-6427, DATED: 08 SEPTEMBER 2015.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL COMPLY WITH ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
2. ALL REINFORCING STEEL SHALL CONFORM TO THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", ASTM A615 GRADE 60.
3. STIRRUPS AND TIES SHALL HAVE 4" HOOKS.
4. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT:
 - CONCRETE EXPOSED TO GROUND-----3"
 - FORMED CONCRETE EXPOSED TO GROUND-----2"
 - FORMED CONCRETE NOT EXPOSED TO GROUND-1 1/2"
5. CONCRETE SHALL CONFORM TO ASTM C94 "READY MIX CONCRETE" WITH A MIN. COMPRESSIVE STRENGTH OF (f'_c) 3000 PSI DESIGN

STRUCTURAL STEEL NOTES:

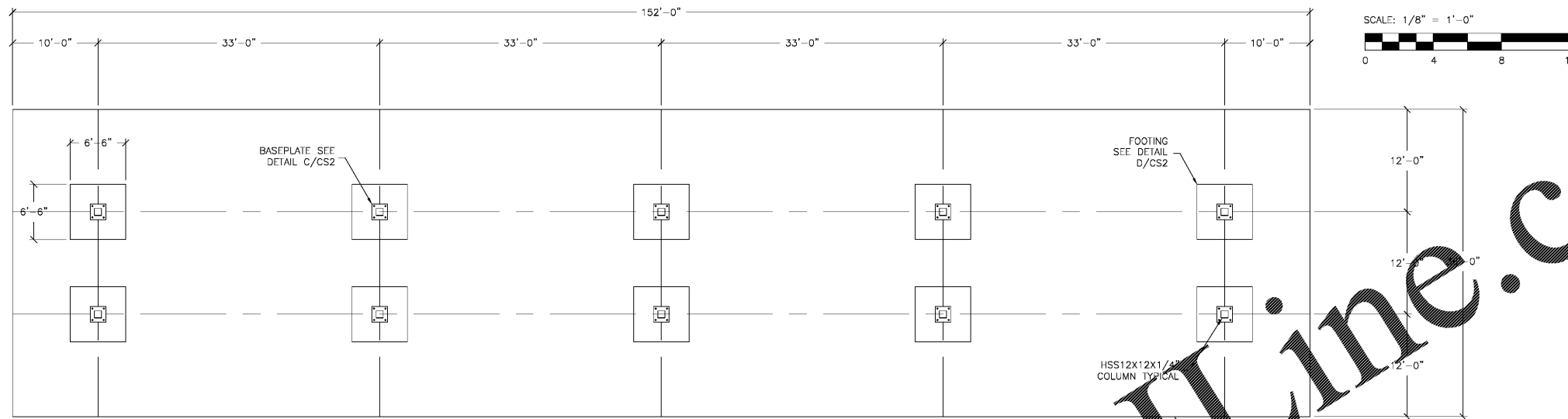
1. ALL STRUCTURAL STEEL SHALL COMPLY WITH AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
2. ALL BOLTS SHALL BE 3/4" ASTM A307 BOLTS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. ALL BOLTED CONNECTIONS SHALL BE "SNUG-TIGHT", UNLESS NOTED OTHERWISE IN ACCORDANCE WITH RCSC.

SPECIAL INSPECTIONS FOR THE CANOPY

IN ADDITION TO THE REGULAR INSPECTIONS, THE FOLLOWING ITEMS WILL REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH THE BUILDING CODE. JIMCO SALES AND MANUFACTURING IS AN APPROVED FABRICATOR FOR LOS ANGELES COUNTY, CALIFORNIA, CLARK COUNTY, NEVADA, LAS VEGAS, NEVADA AND MIAMI DADE COUNTY, FLORIDA.

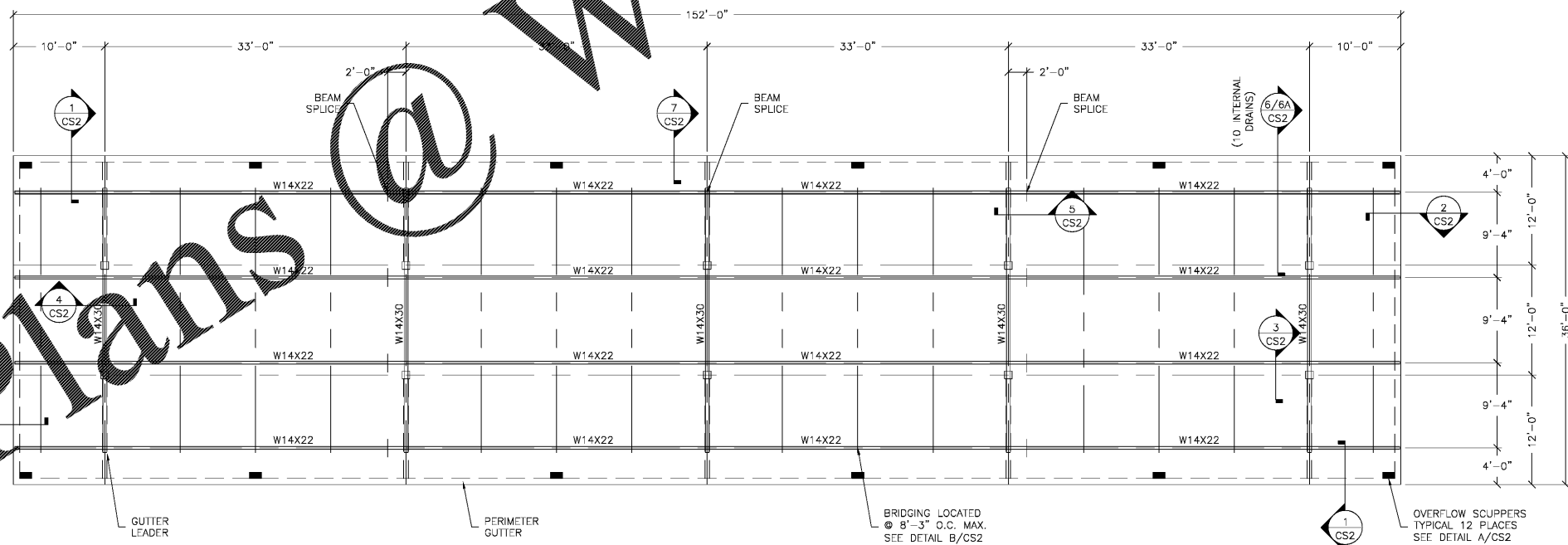
- STEEL CONSTRUCTION - PERIODIC INSPECTION IS REQUIRED TO VERIFY MEMBER SIZES AND JOINT DETAILS.
- WELDING - (WHERE REQUIRED) CONTINUOUS INSPECTION REQUIRED FOR ALL FIELD WELDS, EXCEPT ONLY PERIODIC INSPECTION IS REQUIRED FOR SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16". SHOP WELD INSPECTION IS NOT REQUIRED WHERE WELDING IS PERFORMED IN AN APPROVED FABRICATOR SHOP.
- CONCRETE CONSTRUCTION PERIODIC INSPECTION OF REBAR INSTALLATION AND FORMWORK.
- ANCHOR BOLTS PERIODIC INSPECTION OF ANCHOR BOLT INSTALLATION REQUIRED.
- SOILS PERIODIC INSPECTION TO VERIFY MATERIALS ADEQUATE AND PROVISION TO ACHIEVE DESIGN BEARING CAPACITY AND DRAINAGE TO EXTEND TO PROPER DEPTH.

KEEP RECORDS FOR SPECIAL EXAMINATIONS

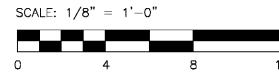


DISCLAIMER: INFINITY IS RESPONSIBLE FOR DESIGNING THE CANOPY AND CANOPY FOUNDATION. DESIGN OF SLAB-ON-GRADE FOR CANOPY IS NOT IN OUR SCOPE

1 FOUNDATION PLAN
Scale: 1/8" = 1'-0"



2 CANOPY FRAMING PLAN
Scale: 1/8" = 1'-0"



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Jimco

SALES AND MANUFACTURING

3113 St. Louis Ave. Fort Worth, TX (817)924-6173

DRAWING DESCRIPTION
CANOPY STRUCTURAL NOTES AND PLANS

JOB LOCATION
7-ELEVEN #38227
SVC CARROLL ST & DYER BLVD
KISSIMMEE, FL

CUSTOMER
7-ELEVEN, INC - CYPRESS WATERS

REVISIONS		DATE	BY
NO.	DESCRIPTION		

R. LAUER
DRAWN BY:
N. SAPPARKHAO
CHECKED BY:
12-04-2017
DATE

JOB NO.
17-3564R0
DWG. NO.
CS1
OF 2 SHEETS