

DESIGN LOADS AND GENERAL NOTES

DESIGN LOADS	2015 INTERNATIONAL BUILDING CODE
1. BUILDING CODE	2015 INTERNATIONAL BUILDING CODE
2. ROOF LIVE LOADS	20 PSF
3. SNOW	
A. GROUND SNOW LOAD, P_g	10 PSF
4. WIND	
A. BASIC WIND SPEED, V_{HI}	115 MPH
B. RISK CATEGORY	II
C. EXPOSURE CATEGORY	C
5. SEISMIC	
A. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS, S_s	0.25
B. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS, S_1	0.122
C. SITE CLASS (ASSUMED)	D

GENERAL

- THE SIZE AND LOCATION OF EQUIPMENT PADS AND PENETRATIONS THROUGH THE STRUCTURE FOR MECHANICAL, ELECTRICAL AND PLUMBING WORK SHALL BE COORDINATED WITH THE APPROPRIATE CONTRACTORS. PENETRATIONS SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT/ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE TEMPORARY SUPPORT AND STABILITY OF EXISTING STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- EXISTING PORTION OF PLANS ARE FROM LIMITED FIELD OBSERVATIONS. ALL EXISTING MATERIAL, DIMENSIONS, ELEVATIONS, AND GENERAL CONDITIONS OF THE BUILDING SHALL BE VERIFIED BEFORE PURCHASE OF MATERIAL AND CONSTRUCTION. NOTIFY STRUCTURAL ENGINEER OF DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR STRUCTURAL INTEGRITY AND STABILITY OF EXISTING STRUCTURE DURING DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT STATE TO DESIGN TEMPORARY SHORING.
- VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION OF STRUCTURAL ITEMS. IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT EXISTS IN THE FIELD, CONTACT THE ARCHITECT OF RECORD TO DETERMINE WHAT SHOULD BE DONE TO MATCH EXISTING CONDITIONS AS REQUIRED. BEGINNING OF STEEL FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS.
- DO NOT SCALE DRAWINGS.

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM YIELD STRENGTH AND SPECIFICATIONS:

	YIELD	ASTM SPEC
A. WIDE FLANGE STEEL SHAPES:	50 KSI	A992
B. STRUCTURAL STEEL TUBING:	46 KSI	A500 GRADE B
C. STRUCTURAL STEEL PIPE:	36 KSI	A53 TYPE E, GRADE B
D. BARS, PLATES, CHANNELS, AND ANCHOR BOLTS:	36 KSI	A36
E. ANCHOR RODS:	36 KSI	A36
F. HEADED STUD ANCHORS:	36 KSI	A108 (GRADE DESIGNATIONS 1010 TO 1020 INCLUSIVE)
G. ANGLE STEEL SHAPES:	36 KSI	A36

- WELDING SHALL MEET ANSI/AWS D11 STRUCTURAL WELDING CODE, LATEST REVISION. ELECTRODES SHALL BE 70KSI LOW HYDROGEN (I.E. E7018).

REQUIRED SPECIAL INSPECTIONS

IN ADDITION TO THE REGULAR INSPECTIONS REQUIRED BY SECTION 110, THE FOLLOWING ITEMS WILL ALSO REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH SECTION 1105 OF THE 2015 INTERNATIONAL BUILDING CODE.

ITEM	SECTION
STEEL CONSTRUCTION	1105.2

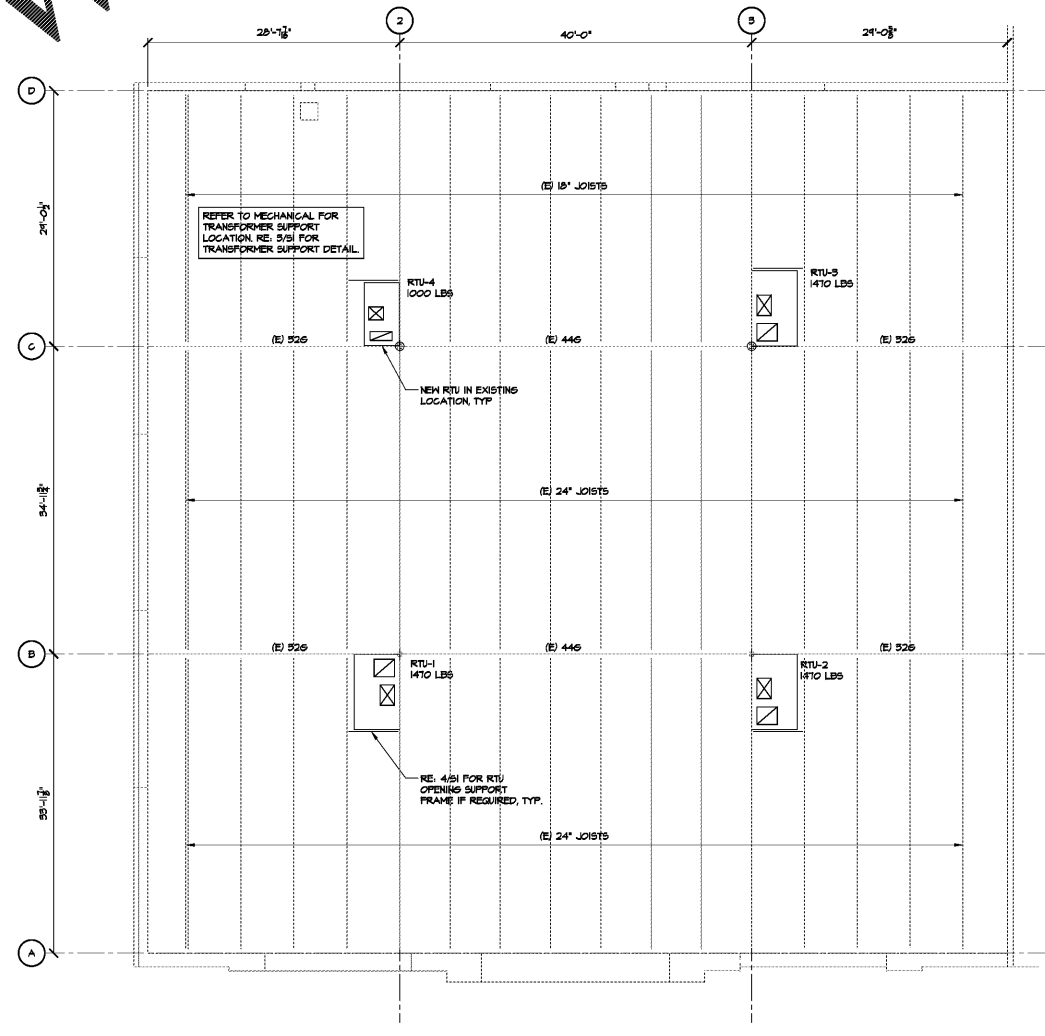
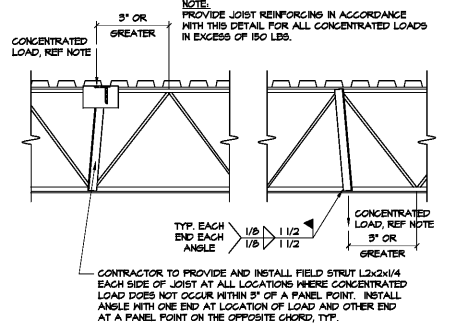
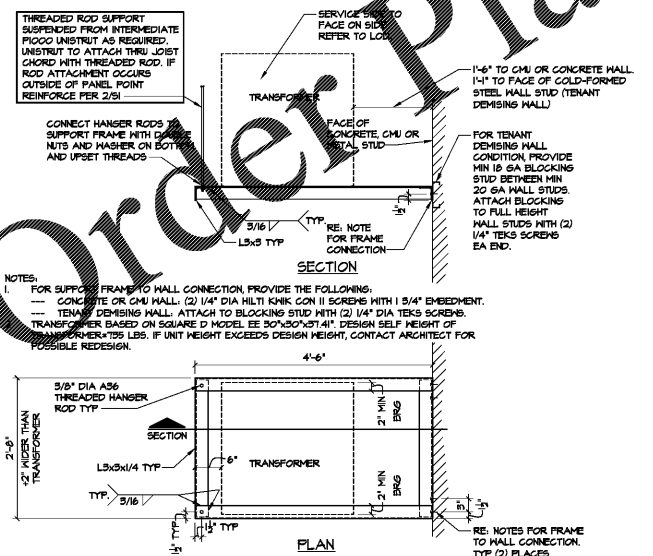
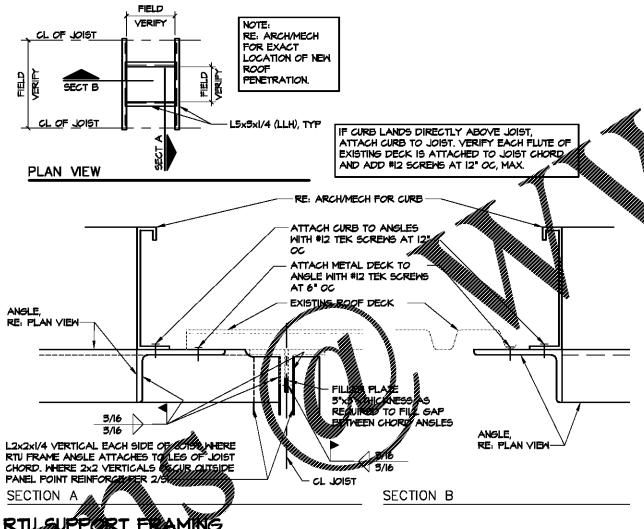
FIELD VERIFICATION NOTE

VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION OF STRUCTURAL ITEMS. EXISTING PORTION OF PLANS ARE FROM FIELD OBSERVATIONS, WHICH MAY OR MAY NOT REFLECT ACTUAL AS-BUILT CONDITIONS OR DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT EXISTS IN THE FIELD, CONTACT ARCHITECT TO DETERMINE WHAT SHOULD BE DONE TO MATCH EXISTING CONDITIONS AS REQUIRED. BEGINNING OF STEEL FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS. RE: GENERAL NOTES.

DURING WELDING OR ANY OTHER CONSTRUCTION ACTIVITY THAT GENERATES SPARKS OR INTENSE HEAT, THE CONTRACTOR SHALL PROVIDE ADEQUATE FIRE PROTECTION TO THE EXISTING STRUCTURE AND CONTENTS, AS A MINIMUM:

- REMOVE COMBUSTIBLE MATERIALS FROM AREAS OF WELDING AND SPARKS.
- PROVIDE FIRE PROOF BLANKETS AND SHIELDS TO CONTAIN SPARKS WHERE COMBUSTIBLE MATERIALS CANNOT BE REMOVED.
- PROVIDE A FIRE SAFETY OBSERVER WITH A FIRE EXTINGUISHER ON BOTH THE ROOF AND BELOW THE ROOF DURING WELDING NEAR THE ROOF STRUCTURE.

(E) - DENOTES EXISTING
 FV - DENOTES FIELD VERIFY
 S26 - DENOTES JOIST GIRDER



RGLA
 rgla solutions, inc.
 5100 River Road, Ste 125
 Schiller Park, IL 60176
 P: 847.671.4422
 F: 847.671.4200
 www.rgla.com

REVISIONS:	DATE:
LL & ULTA REVIEW	06/03/2019
BD ISSUE	06/03/2019
PERMIT ISSUE	06/04/2019

robert g. lyon + associates, inc.
 1111 N. W. 11th St., Suite 1114
 Ft. Lauderdale, FL 33304
 5100 River Road, Ste 125
 Schiller Park, IL 60176
 P: 847.671.4422
 F: 847.671.4200
 www.rgla.com

wallace
 Wallace Engineering
 Structural Engineers, Inc.
 5100 River Road, Ste 125
 Schiller Park, IL 60176
 P: 847.671.4422
 F: 847.671.4200

THE ABOVE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF RGLA SOLUTIONS, INC. AND SHALL REMAIN THE PROPERTY OF THIS OFFICE. NO PART THEREOF SHALL BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF THIS OFFICE. VISUAL CONTACT WITH ANY OTHER PARTY FOR REPRODUCTION OR TRANSMISSION OF THIS DRAWING OR SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF THIS OFFICE SHALL BE PROHIBITED. VISUAL CONTACT WITH ANY OTHER PARTY FOR REPRODUCTION OR TRANSMISSION OF THIS DRAWING OR SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF THIS OFFICE SHALL BE PROHIBITED.

RGLA SOLUTIONS, INC.
 5100 RIVER ROAD, STE 125
 SCHILLER PARK, IL 60176

ULTA BEAUTY

ULTA #1613
 SHOPPES OF MADISON
 8201 HIGHWAY 72
 WEST SUITE C
 MADISON, AL 35758

FRAMING PLAN AND DETAILS

DRAWN BY
JLM

CHECKED BY
MELOJ

JOB NUMBER
19047

SHEET NAME
S1