

GENERAL NOTES:

DESIGN:

- BUILDING CODE - 2017 FLORIDA BUILDING CODE (IBC)
- EXISTING ROOF DEAD LOAD = 18 PSF
- ROOF LIVE LOAD = 20 PSF
- GROUND SNOW LOAD (Pg) = 0 PSF
- WIND LOADS:
 - NOMINAL WIND SPEED (3 SECOND GUST) = 140 MPH
 - RISK CATEGORY = II
 - BUILDING CATEGORY = ENCLOSED, SIMPLE DIAPHRAGM
 - OVERALL EXPOSURE CATEGORY = C
- SEISMIC:
 - RISK CATEGORY = II
 - SEISMIC DESIGN CATEGORY = A
 - S_s = 0.200
 - S₁ = 0.034
 - ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
 - SEISMIC IMPORTANCE FACTOR = 1.0
 - SITE CLASS = D (ASSUMED)
 - SDS = 0.073
 - SD1 = 0.054

STRUCTURAL STEEL:

- STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
 - WIDE FLANGE SHAPES, CHANNELS, ANGLES, PLATES, ETC., U.N.O. A992 OR A572 GR. 50 (F_y = 50)
 - STRUCTURAL TUBE A500 (F_y = 46)
 - STEEL PIPE A53 (F_y = 35)
 - ANCHOR RODS F1554, A308, OR A307
 - BOLTS A325
 - WELDING ELECTRODES E70XX

2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (LATEST EDITION), EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.

3. SPlicing OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL FROM THE PROFESSIONAL OF RECORD.

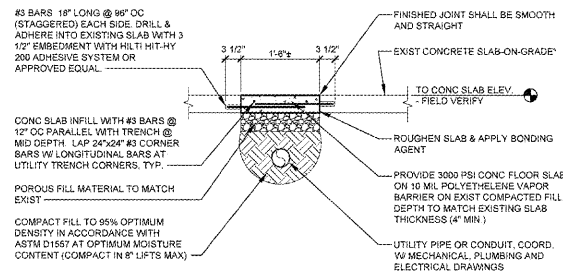
EXISTING CONSTRUCTION:

- WORK SHOWN IS NEW UNLESS INDICATED AS EXISTING.
- EXISTING CONSTRUCTION SHOWN IS BASED UPON EXISTING CONDITIONS AND CAN BE USED FOR BIDDING PURPOSES. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING JOB CONDITIONS, REVIEW ALL DRAWINGS AND VERIFY DIMENSIONS, ELEVATIONS, AND MEMBER SIZES PRIOR TO CONSTRUCTION OR MATERIAL PURCHASE. THE CONTRACTOR SHALL NOTIFY THE PROFESSIONAL OF RECORD IN WRITING OF ALL DISCREPANCIES AND EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.
- THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING CONSTRUCTION SHALL BE PERFORMED WITH GREAT CARE IN ORDER NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. IF STRUCTURAL MEMBERS OR MECHANICAL, ELECTRICAL OR ARCHITECTURAL FEATURES NOT INDICATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE PROFESSIONAL OF RECORD SHALL BE IMMEDIATELY NOTIFIED AND PRIOR WRITTEN APPROVAL SHALL BE OBTAINED BEFORE REMOVAL OR MODIFICATION OF MEMBERS.
- THE CONTRACTOR SHALL RESTORE ALL EXISTING INCIDENTAL CONSTRUCTION REQUIRED TO BE REMOVED TO ACCOMMODATE THE ERECTION OF THE NEW JOIST CONSTRUCTION TO ITS ORIGINAL WORKING CONDITION.
- THE CONTRACTOR SHALL PROMPTLY REPAIR DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF ALL DEMOLITION WORK AND FOR PROVIDING ALL NECESSARY TEMPORARY SHORING, BRACING AND PROTECTION AS NECESSARY FOR SAFETY, STABILITY AND PROTECTION OF ALL BUILDING ELEMENTS AND STRUCTURE DURING CONSTRUCTION AND DEMOLITION. TEMPORARY SHORING AND BRACING SHALL BE ADEQUATE TO RESIST ALL APPLIED LOADS INCLUDING DEAD LOADS, LIVE LOADS, SNOW LOADS AND CONSTRUCTION LOADS. TO PROVIDE STABILITY, AND TO PROVIDE FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL ALL MODIFICATIONS TO THE STRUCTURE ARE COMPLETE.

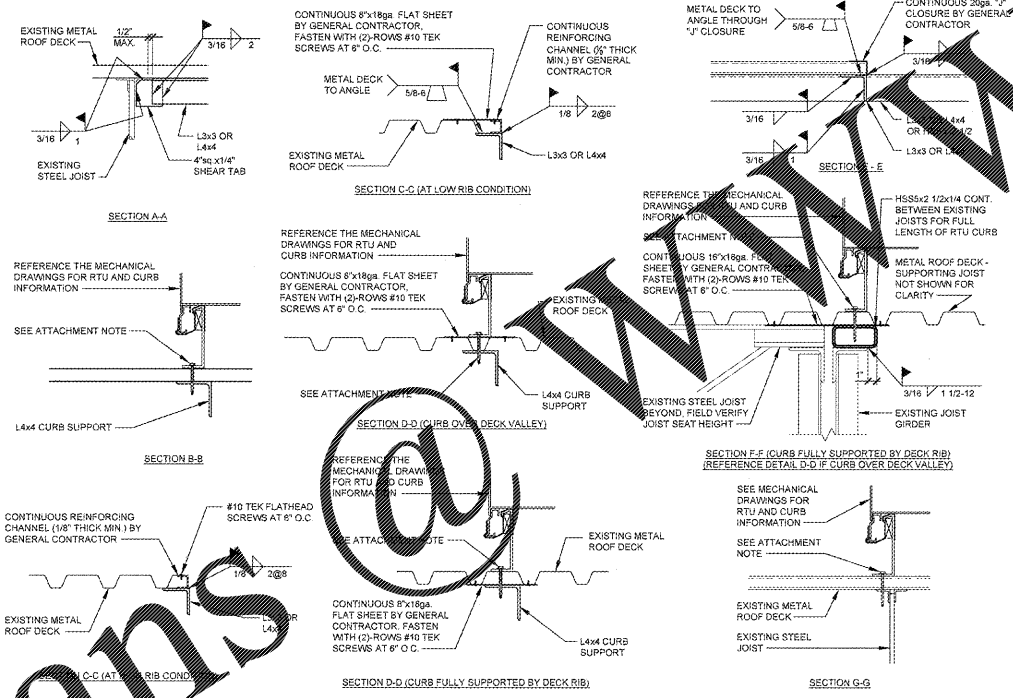
MISCELLANEOUS:

- NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL OF RECORD.
- THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
- NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL OF RECORD.
- DO NOT SCALE THESE DRAWINGS. USE DIMENSIONS.
- THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL OF RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- ANY DETAIL TITLED AS A TYPICAL DETAIL IS APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DESIGNED AS GENERAL STANDARDS THAT ARE USUALLY NOT IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. THESE DETAILS MAY BE MODIFIED OR SUPERSEDED BY SPECIFIC DETAILS THAT ARE REFERENCED WITHIN THE DRAWINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON THE STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.

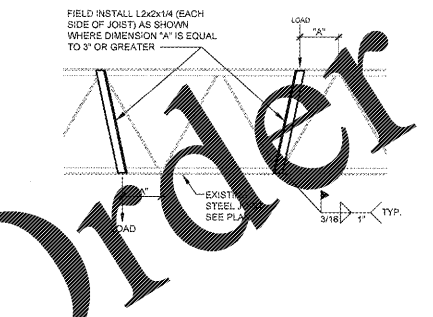
* GENERAL CONTRACTOR NOTE:
PRIOR TO MODIFYING THE EXISTING CONCRETE SLAB CONSTRUCTION IN ANY WAY INCLUDING BUT NOT LIMITED TO CUTTING, DRILLING, OR ROUTING, THE GENERAL CONTRACTOR SHALL OBSERVE EXISTING CONCRETE SLAB(S) THROUGHOUT THE PLANNED AREA OF WORK AND SUBMIT EVIDENCE TO THE PROJECT ARCHITECT/ENGINEER OF RECORD ILLUSTRATING THE TYPE(S) OF SLAB CONSTRUCTION, I.E. "SLAB ON GRADE," "REINFORCED STRUCTURAL CONCRETE," ETC. THE SLAB CONSTRUCTION SHALL NOT BE MODIFIED UNTIL THE ARCHITECT/ENGINEER OF RECORD PROVIDES RESPECTIVE WRITTEN DIRECTION.



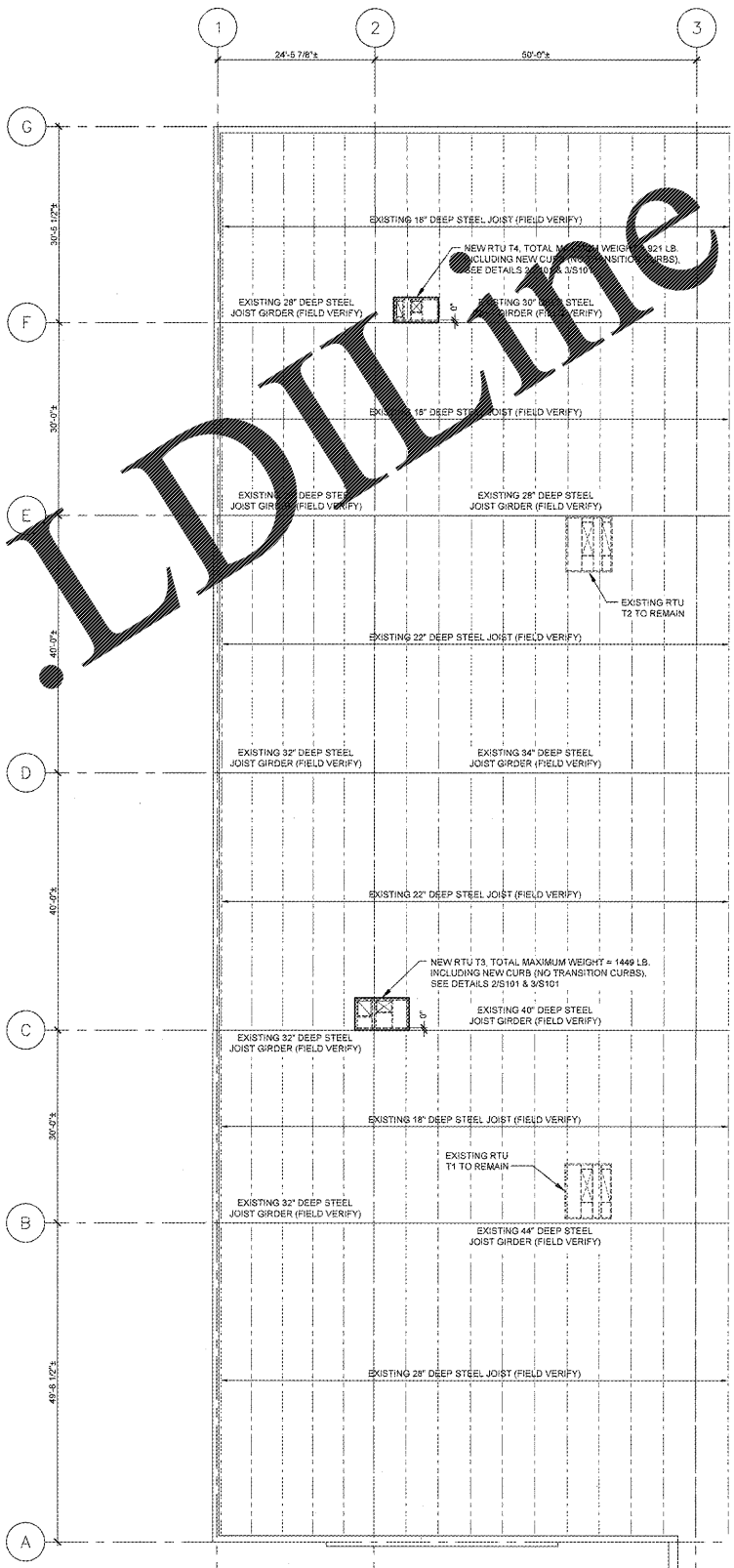
4 TYPICAL SLAB INFILL DETAIL
SCALE: 3/4" = 1'-0"



2 TYPICAL ROOF OPENING AND RTU SUPPORT DETAILS
SCALE: 3/4" = 1'-0"



1 TYPICAL JOIST LOAD STRUT DETAIL
SCALE: 3/4" = 1'-0"



EXISTING ROOF FRAMING PLAN NOTES:
1. PLACE NEW UNITS WHERE SHOWN ON PLAN.
2. THE GENERAL CONTRACTOR SHALL FIELD VERIFY THAT THE DEPTHS OF THE EXISTING FRAMING INDICATED TO SUPPORT NEW ROOF TOP UNITS MATCH THE DEPTHS OF THE RESPECTIVE FRAMING INDICATED ON PLAN AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER OF RECORD PRIOR TO INSTALLING THE ROOF TOP UNITS.

1 PARTIAL EXISTING ROOF FRAMING PLAN
SCALE: 3/32" = 1'-0"

REVISIONS		
No.	Date	Description
1	01/29/18	80% OWNER REVIEW
2	01/29/18	ISSUED FOR PERMIT/BD

NO SUBSTITUTIONS SHALL BE ALLOWED UNLESS OTHERWISE NOTED (REFER TO SPECIFICATIONS)

DESIGNED FOR: FLORIDA BUILDING CODE, 6TH EDITION (2017).

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BD DATE: 01/29/18 PROJECT NO: 918219
CD NAME: AS CHECKED BY: JPD
DRAWN BY: AS PROTOTYPE

JAN 29 2018
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Location
LAKELAND, FLORIDA
3770 US HIGHWAY 98 NORTH 33809

Drawing Title
FRAMING PLAN & DETAILS

Scale AS NOTED Date 1/29/18

Sheet No. S101