

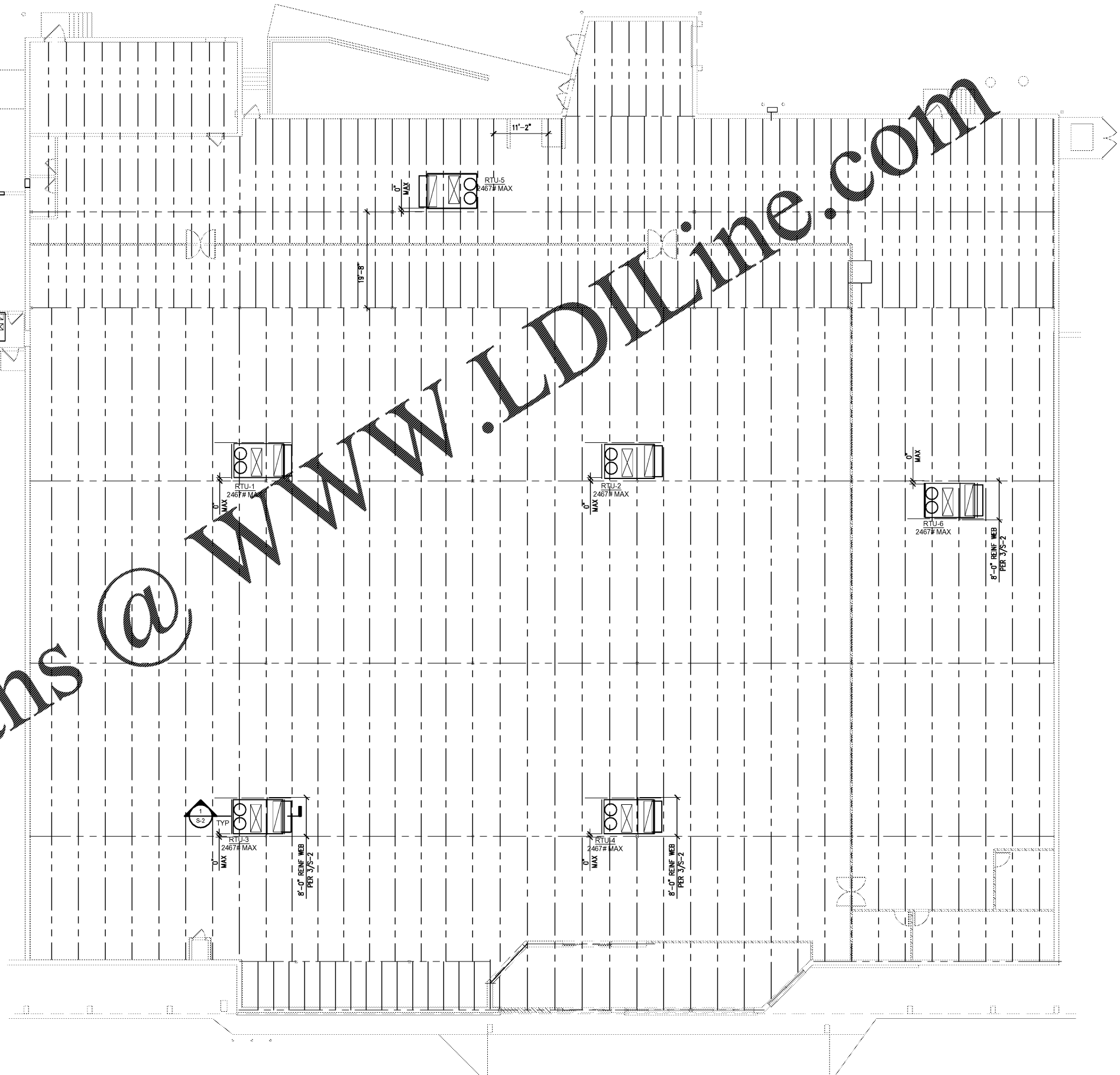
GENERAL STRUCTURAL NOTES

- GOVERNING CODE: SOUTH CAROLINA BUILDING CODE 2015 ADOPTS IBC 2015 W/AMENDMENTS
- LOADS:
RISK CATEGORY = II
A. WIND LOAD
WIND DESIGN AND CONSTRUCTION SHALL CONFIRM TO THE PROVISIONS IN THE GOVERNING BUILDING CODE
EXPOSURE B
WIND SPEED 115 MPH (ULTIMATE)
- B. SEISMIC LOAD
S_s = 0.275 S_{ms} = 0.434 F_a = 1.580 S_{ds} = 0.289
S₁ = 0.106 S_{m1} = 0.252 F_v = 2.376 S_{d1} = 0.168
SEISMIC DESIGN CATEGORY = C
- C. SNOW LOAD
PROVISIONS FOR SNOW DRIFTING AND UNBALANCED SNOW LOAD ARE CONSIDERED IN DESIGN
GROUND SNOW (P_g) 10 PSF
EXPOSURE B
FLAT ROOF SNOW (P_f) 10 PSF
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FINAL DETAILING AND FABRICATION. IF ANY EXISTING CONDITION IS NOT AS SHOWN, CONTACT A/E BEFORE PROCEEDING WITH WORK.
- EXISTING STRUCTURE IS ASSUMED TO BE IN GOOD CONDITION. NOTIFY STRUCTURAL ENGINEER IF ANY STRUCTURAL MEMBERS ARE FOUND TO BE DAMAGED IN ANY WAY BEFORE PROCEEDING WITH ANY WORK ON DAMAGED MEMBER.
- CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED TO INSTALL NEW WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE EXISTING BUILDING DURING CONSTRUCTION.
- CONTRACTOR SHALL CONFORM TO ALL MALL TENANT IMPROVEMENT REQUIREMENTS AND ALL MALL LANDLORD HANDBOOK CRITERIA
- SPECIAL INSPECTIONS SERVICES SHALL BE PROVIDED BY A QUALIFIED AGENCY ON ALL STRUCTURAL STEEL FIELD WELDING, ERECTION DETAILS AND ANY OTHER ITEMS REQUIRED BY THE LOCAL BUILDING CODE.

ROOF FRAMING NOTES

- VERIFY ALL ELEVATIONS AND DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS AND EQUIPMENT SUPPLIERS SHOP DRAWINGS PRIOR TO FABRICATION AND INSTALLATION OF STRUCTURAL STEEL
- LOADS:
A. ROOF LIVE LOAD: 20 PSF
- EXIST. ROOF CONSTRUCTION:
A. METAL ROOF DECK VIF
ROOF TOP UNIT DIMENSIONS SHALL BE COORDINATED WITH APPROVED RTU MANUFACTURER DRAWINGS.
- SUPPORT FRAMING SHOWN IS FOR THE RTU'S SPECIFIED ON MECHANICAL DRAWING. IF A DIFFERENT UNIT IS TO BE USED, CONTACT ENGINEER BEFORE PROCEEDING.
- SET UNIT CURB ON EXIST. ROOF FRAMING MEMBERS OR SUPPORT MEMBERS RUNNING BETWEEN THEM. DO NOT PLACE CURB ON UNSUPPORTED ROOF DECK.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FINAL DETAILING AND FABRICATION. IF ANY EXISTING CONDITION IS NOT AS SHOWN, CONTACT A/E BEFORE PROCEEDING WITH WORK.
- EXISTING STRUCTURE IS ASSUMED TO BE IN GOOD CONDITION. NOTIFY STRUCTURAL ENGINEER IF ANY STRUCTURAL MEMBERS ARE FOUND TO BE DAMAGED IN ANY WAY BEFORE PROCEEDING WITH ANY WORK ON DAMAGED MEMBER.
- CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED TO INSTALL NEW WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE EXISTING BUILDING DURING CONSTRUCTION.
- CONTRACTOR SHALL CONFORM TO ALL LANDLORD-TENANT IMPROVEMENT REQUIREMENTS AND ALL LANDLORD HANDBOOK CRITERIA
- SPECIAL INSPECTIONS SERVICES SHALL BE PROVIDED BY A QUALIFIED AGENCY ON ALL STRUCTURAL STEEL FIELD WELDING, ERECTION DETAILS AND ANY OTHER ITEMS REQUIRED BY THE LOCAL BUILDING CODE.
- CONTRACTOR SHALL FILL IN EXISTING DUCT OPENINGS WITH NEW GALVANIZED METAL DECK (1 1/2" DEEP x 20 GAGE MIN. RIBS AT 6" O.C.) AND ROOF MATERIALS TO MATCH EXISTING ON (E) STEEL ANGLES OR JOISTS. (3" MINIMUM BEARING). SPAN DECK FROM SUPPORT FRAMING TO SUPPORT FRAMING AND WELD DECK TO SUPPORTING STEEL W/ 5/8" Ø PUDDLE WELDS AT 6" O.C. DO NOT SUPPORT DECK ON EDGES OF EXISTING UNSUPPORTED EDGES OF EXISTING DECKING.
- THIS IS A PARTIAL PLAN OF THE ENTIRE BUILDING PLAN.

GC TO PROVIDE EXISTING STRUCTURE AT RTU-7 TO EXIST AFTER DEMO AND BRUE TO INSTALLING RTU-7



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STRUCTURAL SPECIAL INSPECTIONS					
	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	2015 IBC REFERENCE
1	MATERIAL VERIFICATION OF STRUCTURAL STEEL:		X	ASTM A 9 OR ASTM A 568	1705.2
2	INSPECTION OF STRUCTURAL STEEL WELDING:			AISC 360, SECTION NS	
A.	COMPLETE AND PARTIAL PENETRATION GROOVE WELDS			AWS D1.1	1705.2
B.	SINGLE-PASS FILLET WELDS < 5/16"		X VISUAL	AISC 341	1705.2

STRUCTURAL PLAN

DATE	REVISION		
DATE	REVISION		
BIG LOTS 14154 E. WADE HAMPTON BLVD. GREER, SOUTH CAROLINA 29651			
DATE DRAWN:	04-02-19	DRAWN BY:	F.A.
DATE DRAWN:	04-02-19	DRAWN BY:	F.A.
SCALE:	3/32" = 1'-0"	SALES FLOOR	25,885
SCALE:	3/32" = 1'-0"	TOTAL BUILDING	39,910
BIG LOTS STORES, INC. STORE PLANNING DEPT. 4800 E. DUBLIN GRANVILLE RD COLUMBUS, OHIO 43081 PHONE: (614) 278-6800		SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 26676 P. ADOLPH S. PIRKALL	
SHEET: S-1			