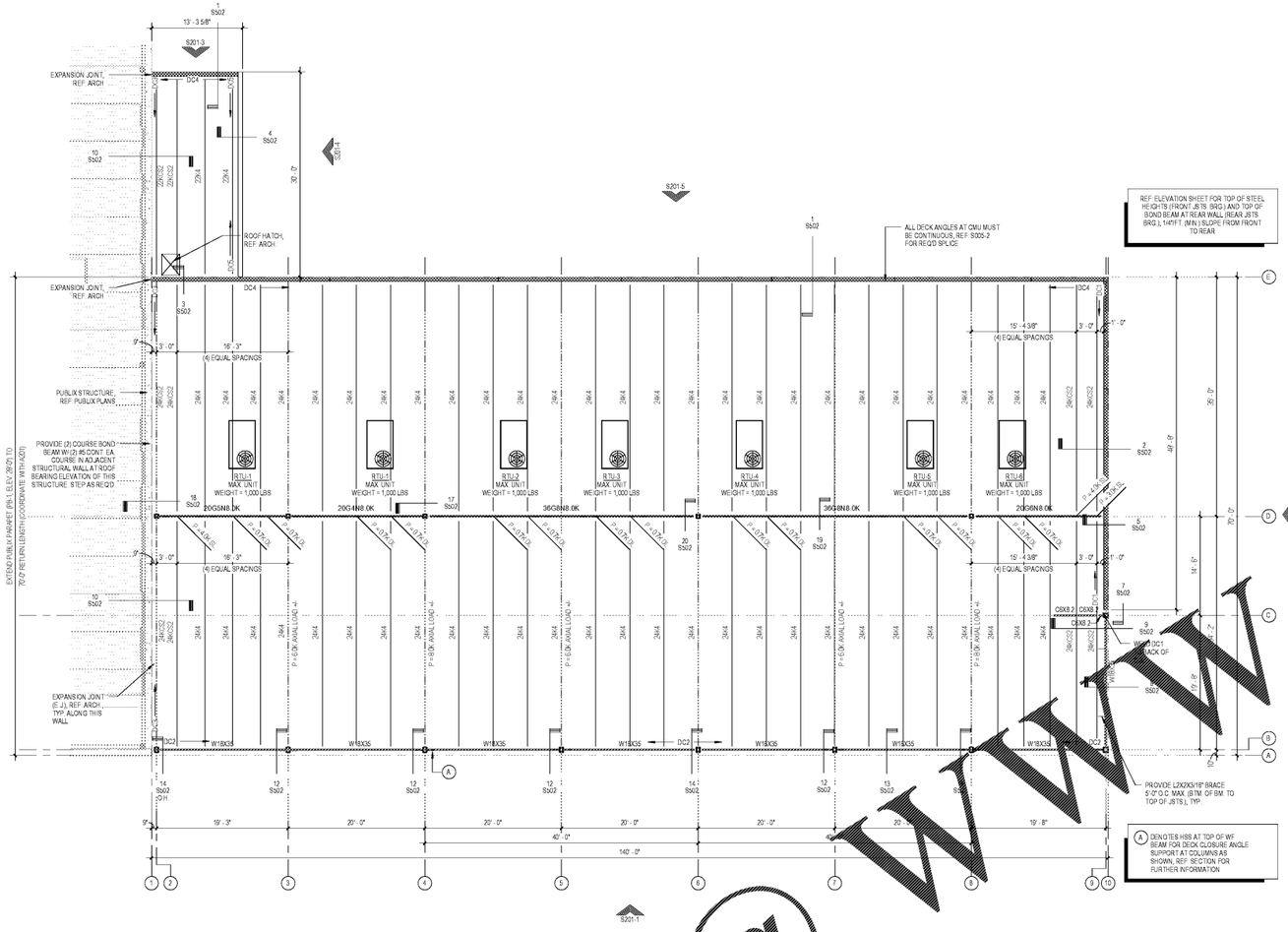


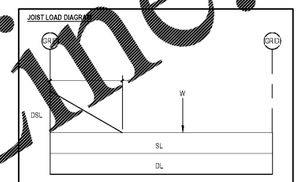
1 Roof Framing Plan
SCALE: 1/8" = 1'-0"

Structural Bond Beam Schedule					
Mark	Size	Horiz. Reinf.	Vert. Reinf.	Elevation	Notes
BB1	8" x 8"	(2) #5 REBAR	REF. PLANS	REF. ELEVATIONS	REF. GEN. CMU INFO
BB2	8" x 16"	#5 REBAR 25/27	REF. PLANS	REF. ELEVATIONS	REF. GEN. CMU INFO

Structural Lintel Schedule				
Mark	Size	Horiz. Reinf.	Vert. Reinf.	Notes
LS-1A	8" x 8"	(1) #5 REBAR	REF. PLANS	8" MIN. END BRG., PRECAST BASE

Structural Deck Closure Angle Schedule			
Mark	Size	On Center Fastener Spacing	Notes
DC1	L4X4X1/4"	32" O.C. MAX.	@ MASONRY, REF. S005-2
DC2	L4X4X1/4"	REF. S502-13	@ STL.
DC3	L4X4X1/4"	REF. S502-10 & 11	@ STL. @ E.J.
DC4	L4X4X1/4"	REF. S502-1	@ STL., REF. S005-2
DC5	L4X4X1/4"	REF. S502-4	@ CONC.

JOIST LOAD DIAGRAM



DL = DEAD LOAD
SL = SNOW LOAD
DSL = DRIFT LOAD

JOISTS	GRID LOCATIONS	DL	SL	DSL	L
24K4	GRID B	20 PSF	12 PSF	26 PSF	7.0 FT

W= ADDITIONAL POINT LOADS PER PLANS
ALL LOADS IN TABLE ABOVE TO BE APPLIED TO TRIBUTARY WIDTH OF EACH JOIST

Roof Metal Deck Pattern

GENERAL NOTES:

- ALL LOADS GIVEN ARE ASD
- JST ENGINEER TO DESIGN FOR ADDITIONAL LOADS (INCLUDING RTUS) PRESENTED HEREIN AT K & LH-SERIES JST.
- SPECIAL LOADING TAKEN INTO ACCOUNT IN KCSI JOIST SELECTION
- REFERENCE SECTIONS / DETAILS AS REQUIRED FOR ADDED JOIST BRACING AND ADDITIONAL LOADING
- POSITION ALL RTUS ON SPECIAL JST. AS SHOWN. STR. BRIDGING & BRACING FOR REQ'D CLEARANCES
- JOIST SUPPLIER TO PROVIDE MIN. STD. BRIDGING AND BRACING PER SJI
- P = ADDITIONAL AXIAL LOAD (+/-)

METAL DECK INFORMATION:

PATTERN "A":
- 1 1/2" DEEP 22-GAGE (WR) PAINTED DECK

- FASTEN USING (7) 5/8" PUDDLE WELDS @ EACH SUPPORT PER 36" WIDTH (36/7), (6) #10 TEK SCREWS @ MIDSPAN OF SIDELAPS, AND 5/8" PUDDLE WELDS @ 8" O.C. ALONG EDGES

PATTERN "B":
- 1 1/2" DEEP 22-GAGE (WR) PAINTED DECK

- FASTEN USING (7) 5/8" PUDDLE WELDS @ EACH SUPPORT PER 36" WIDTH (36/7), (4) #10 TEK SCREWS @ MIDSPAN OF SIDELAPS, AND 5/8" PUDDLE WELDS @ 8" O.C. ALONG EDGES

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Publix/Retail @ Lake Crossing
South Lake Drive & Platt Springs Road
Lexington, South Carolina

SHEET TITLE
Roof Framing Plan

Revision Schedule		
No.	Description	Date
A	100% Public Submission	03-31-17
C	Issued for BldPermit	05-10-17

PROJECT NO. 2616052
DATE 03-31-17
DRAWN JR
CHECKED DSK

09.11.2017
Edward D. Cuhaci
P.E. 30603

SHEET NO. S102

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