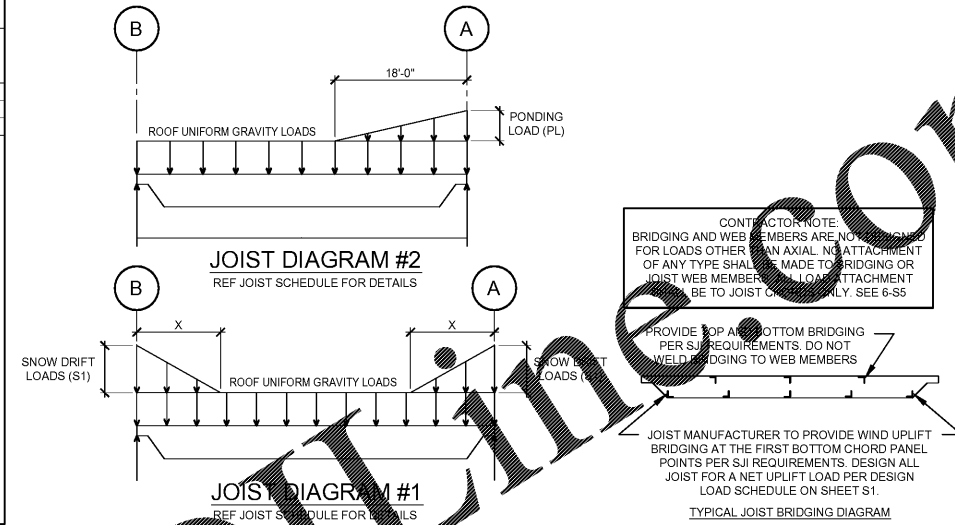


JOIST SCHEDULE

MARK	JOIST SIZE	UNIFORM GRAVITY LOADS (PLF)			PONDING LOAD (PL)	SNOW DRIFT INFORMATION		DIAGRAM NUMBER	NOTES
		DEAD LOAD (DL)	LIVE LOAD (LL)	SNOW LOAD (SL)		S1 (PLF)	X (FT)		
J1	30KSP	90	120	108	132	158	6.5	1.2	1.2
J2	30KSP	90	120	108	132	158	6.5	1.2	1.2,3
J3	30KSP	90	120	200	132	-	-	1.2	1.2

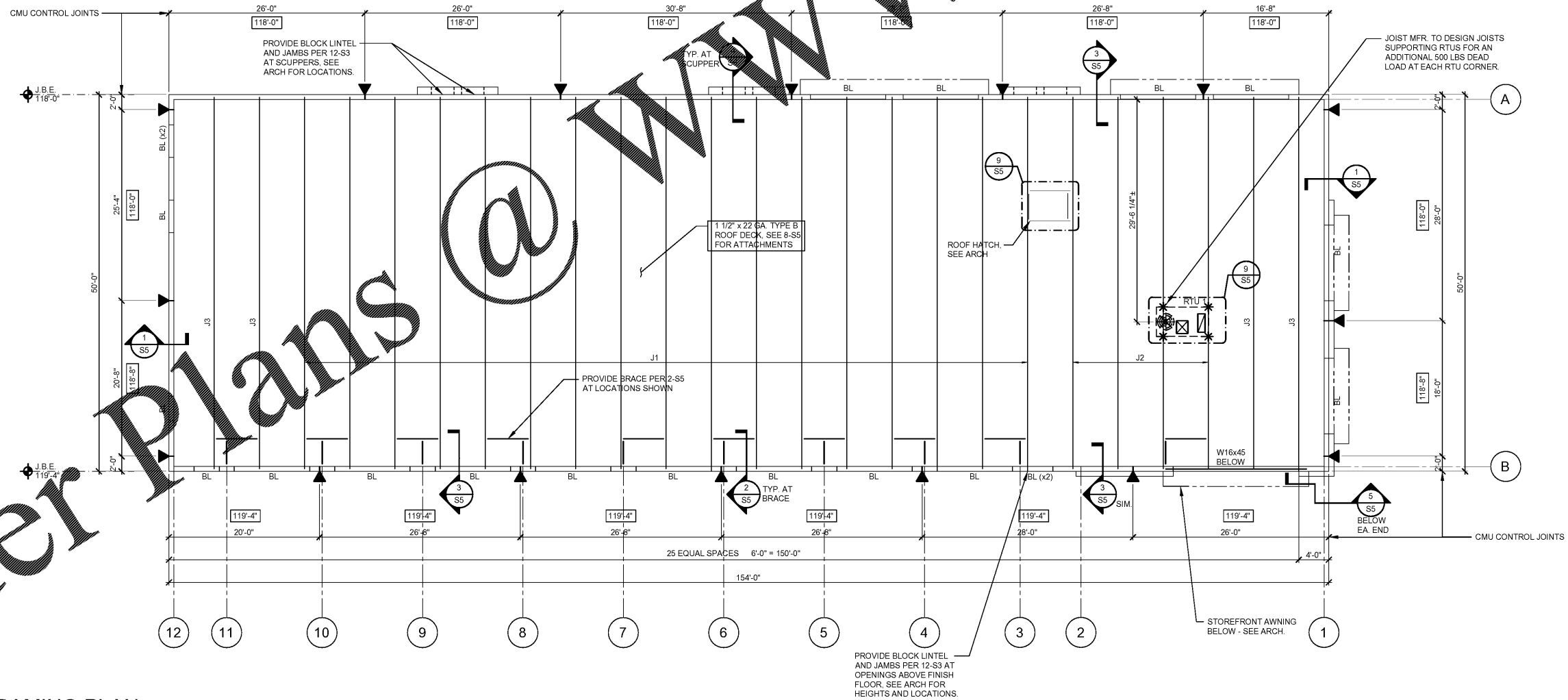
- UNIFORM GRAVITY LOADS ARE TABULATED FOR EACH JOIST AS FOLLOWS:
 DEAD LOAD (DL) = ROOF DEAD LOAD (SEE SHEET S1)
 LIVE LOAD (LL) = ROOF LIVE LOADS (SEE SHEET S1)
 SNOW LOAD (SL) = SNOW LOADS (SEE SHEET S1)
 PONDING LOAD (PL) = PONDING LOAD SEE SHEET S1 AND DIAGRAM #2
 SNOW DRIFT LOADS SHALL BE USED IN CONJUNCTION WITH DEAD AND SNOW LOADS ONLY (DL, SL), PONDING LOAD SHALL BE A LIVE LOAD IN ADDITION TO THE UNIFORM ROOF LIVE LOAD. PONDING LOAD SHALL NOT BE INCLUDED WITH SNOW LOADS.
 - IN ADDITION TO THE ROOF UNIFORM GRAVITY LOADS, DESIGN SPECIAL JOISTS TO ACCOMMODATE THE SNOW DRIFT LOADS OR PONDING LOADS SHOWN IN THE JOIST SCHEDULE, RTU LOADS, SOFFIT LOADS, AND ANY OTHER CONCENTRATED OR DISTRIBUTED LOADS INDICATED IN THE JOIST DIAGRAMS OR FRAMING PLANS.
 - ALL LOADS SHOWN ON THESE DIAGRAMS AND ON OTHER DRAWINGS ARE DESIGN WORKING LOADS FOR WORKING STRESS DESIGN WITH THE APPROPRIATE BUILDING CODE LOAD FACTOR ALREADY APPLIED. NO INCREASE IN STRESS OR LOAD REDUCTION IS ALLOWED FOR WIND OR SEISMIC LOAD COMBINATIONS. ALL ADDITIONAL SPECIFIED AXIAL LOADS ARE TO BE ADDITIVE TO FULL GRAVITY AND FULL UPLIFT LOADS TO PRODUCE THE WORST CASE CONDITION.
 - THE LIVE LOAD DEFLECTION LIMIT IS L/240.
 - PROVIDE 5" JOIST SEATS AT ALL JOISTS, UNO.
 - PROVIDE A MAXIMUM CAMBER OF 1/2".
- JOIST SHALL RESIST THE MOST CRITICAL EFFECTS FROM THE LOAD COMBINATIONS LISTED IN THE APPLICABLE BUILDING CODE.
- MINIMUM TOP CHORD WIDTH FOR JOISTS SUPPORTING RTU'S IS 6".
- JOIST SHALL BE DESIGNED FOR AN AXIAL LOAD OF E = 2 KIPS



2 JOIST SCHEDULE AND DIAGRAMS
S4 N.T.S.

ROOF FRAMING PLAN NOTES

- SEE SHEET S1 FOR DESIGN ROOF LOADS AND GENERAL NOTES.
- ALL ELEVATIONS BASED ON FINISH FLOOR ELEVATION = 100'-0" FOR REFERENCE ONLY. SEE SITE PLAN FOR ACTUAL FINISH FLOOR ELEVATIONS.
- CMU CONTROL JOINT LOCATIONS ARE DENOTED BY ▼.
- TOP OF BOND BEAM ELEVATIONS DENOTED BY [000'-0"]



1 ROOF FRAMING PLAN
S4 SCALE: 1/8" = 1'-0"



NEW FCAC STORE
2015 - JUNE - ER - RIGHT
1900 RICHMOND ROAD
WILLIAMSBURG, VA

ISSUE BLOCK

PROPERTY NO.: 167739
6 DIGIT NO.: 785633
4 DIGIT NO.: 6868
AOR PROJECT NUMBER: 1655B14
TO PERMIT: DATE: 08/10/17
TO BID: DATE: TBD
DRAWN BY: JRR
CHECKED BY: MGTJ

SHEET TITLE:
ROOF FRAMING PLAN

SHEET NUMBER:

S4

GARRETT JOHNSON, P.E.
 200 EAST MAIN STREET
 TULSA, OKLAHOMA 74103-2012
 P: 918-582-1111
 WWW.GARRETTJOHNSON.COM