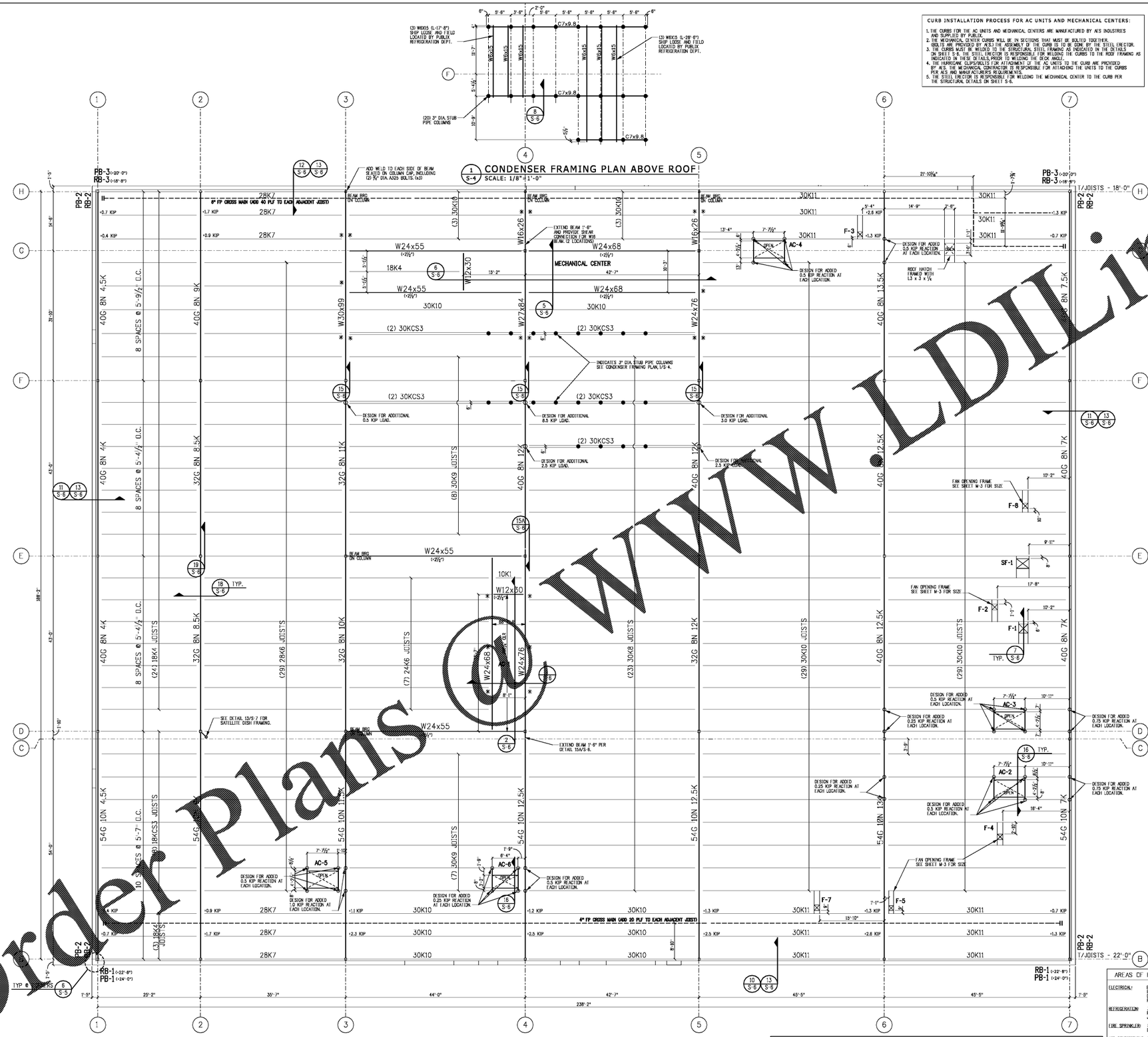

CURB INSTALLATION PROCESS FOR AC UNITS AND MECHANICAL CENTERS:

1. THE CURBS FOR THE AC UNITS AND MECHANICAL CENTERS ARE MANUFACTURED BY AES INDUSTRIES AND SUPPLIED BY PUBLIX.
2. THE MECHANICAL CENTER CURBS WILL BE IN SECTIONS THAT MUST BE BOLTED TOGETHER. BOLTS ARE PROVIDED BY AES.) THE ASSEMBLY OF THE CURB IS TO BE DONE BY THE STEEL ERECTOR.
3. THE CURBS MUST BE WELDED TO THE STRUCTURAL STEEL FRAMING AS INDICATED IN THE DETAILS ON SHEET S-6. THE STEEL ERECTOR IS RESPONSIBLE FOR WELDING THE CURBS TO THE ROOF FRAMING AS INDICATED IN THESE DETAILS, PRIOR TO WELDING THE DECK ANGLE.
4. THE HURRICANE CLIPS/BOLTS FOR ATTACHMENT OF THE AC UNITS TO THE CURB ARE PROVIDED BY AES. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ATTACHING THE UNITS TO THE CURBS PER AES AND MANUFACTURER'S REQUIREMENTS.
5. THE STEEL ERECTOR IS RESPONSIBLE FOR WELDING THE MECHANICAL CENTER TO THE CURB PER THE STRUCTURAL DETAILS ON SHEET S-6.

NOTES

1. EXTEND JOIST BOTTOM CHORD AS REQ'D TO SUPPORT SOFFIT WALL LOCATIONS
2. JOIST SUPPLIER TO PROVIDE MIN. STD. BRIDGING AND BRACING PER SJI REQUIREMENTS.
3. SEE SHEET S-3 FOR SOFFIT WALL LOCATIONS.
4. FOR ROOF DECK CONNECTION DETAIL, SEE 16/S-7.
5. DESIGN JOISTS FOR THE FOLLOWING LOAD CONDITIONS:
   A. UPLIFT PRESSURES AS INDICATED ON 17/S-7
   B. ADDITIONAL 100 LB/FT LOAD FROM SOFFIT WALL LOCATIONS (SEE S-3 & A-4)
   C. CROSS MAIN LOADS AS SHOWN ON S-4
   D. ADDED LOADS AS NOTED ON THE FRAMING PLANS
   E. DEAD AND LIVE LOADS AS NOTED ON SHEET S-1
6. ALONG GRIDS "1" AND "7": MAXIMUM GIRDER WIDTH - 9" ALONG GRIDS "B" AND "H": MAXIMUM JOIST WIDTH - 6", BUT JOISTS MUST USE MIN. 2x2 TOP CHORD ANGLES. SEE PLAN FOR ADDITIONAL LOADS.
7. MECHANICAL FRAMING DIMENSIONS ARE TO THE CENTER LINE OF THE STEEL MEMBERS EXCEPT IF THE OPENING IS NOTED AS "CLEAR", THEN THE DIMENSIONS ARE THE CLEAR OPENING DIMENSIONS.
8. ALL GIRDER SEATS SHALL BE 7½" DEEP. BEAMS MARKED (-2½") ARE DECK BEARING.
9. CONTRACTOR MUST VERIFY ALL F/W OPENING SIZES ON STEEL SHOP DRAWINGS WITH F/W SCHEDULE ON MECHANICAL DRAWINGS, M-3.

* INDICATES L 2½x2½x5/16 WELDED FROM JOIST BOTTOM CHORD TO BOTTOM FLANGE OF STEEL BEAM. (FOR ROOF DEAD LOAD IS APPLIED.

AREAS OF HORIZONTAL RUNS BY TRADES

ELECTRICAL:	BOTTOM OF ROOF DECK TO 32 IN BELOW ROOF DECK WHERE EXPOSED IN 45.9.2 PROTOTYPE IMMEDIATELY BENEATH ROOF DECK, PASSING BETWEEN STEEL JOISTS AND DECK WHERE POSSIBLE.
REFRIGERATION:	32 IN TO 36 IN BELOW ROOF DECKS WHERE EXPOSED IN 45.9.2 PROTOTYPE, IMMEDIATELY BELOW BOTTOM CHORD OF STEEL JOIST GIRDERS AND JOISTS.
FIRE SPRINKLER:	8 IN ABOVE CEILING WHERE EXPOSED IN 45.9.2 PROTOTYPE, 8 IN ABOVE BOTTOM CHORD OF STEEL GIRDER JOISTS AND JOISTS.
AIR CONDITIONING:	36 IN BELOW ROOF DECK TO 10 IN ABOVE CEILING WHERE EXPOSED IN 45.9.2 PROTOTYPE (HVAC AS CLOSE UNDER BOTTOM CHORD OF STEEL JOIST GIRDERS AND JOISTS AS POSSIBLE WHILE LEAVING ROOM FOR REFRIGERATION LINES. IF DEVIATION FROM THESE AREAS IS INDICATED, SUCH DEVIATION MUST BE AGREED UPON BY JOB SUPERINTENDENT AND PUBLIX REPRESENTATIVE.

JOISTS, GIRDERS AND DECKING WILL BE PROVIDED BY PUBLIX. STEEL FABRICATOR MUST CONTACT VULCRAFT TO RECEIVE A SET OF APPROVED SHOP DRAWINGS FOR COORDINATION. SEE SPEC 052100.

Publix SUPER MARKETS

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THE DESIGN INDICATED IN THESE CONSTRUCTION DOCUMENTS SHALL TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, COMPLY WITH THE APPLICABLE BUILDING REVIEW CODES

PLOT DATE: 25 AUG 2017

REVISION DATA:

1637
PUBLIX @ LAKE CROSSING

PLATT SPRINGS RD & HWY 6
LEXINGTON, LEXINGTON, SC

45.9.2
VOB01/ 2017
SIENNA - LITE

ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

S-4

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