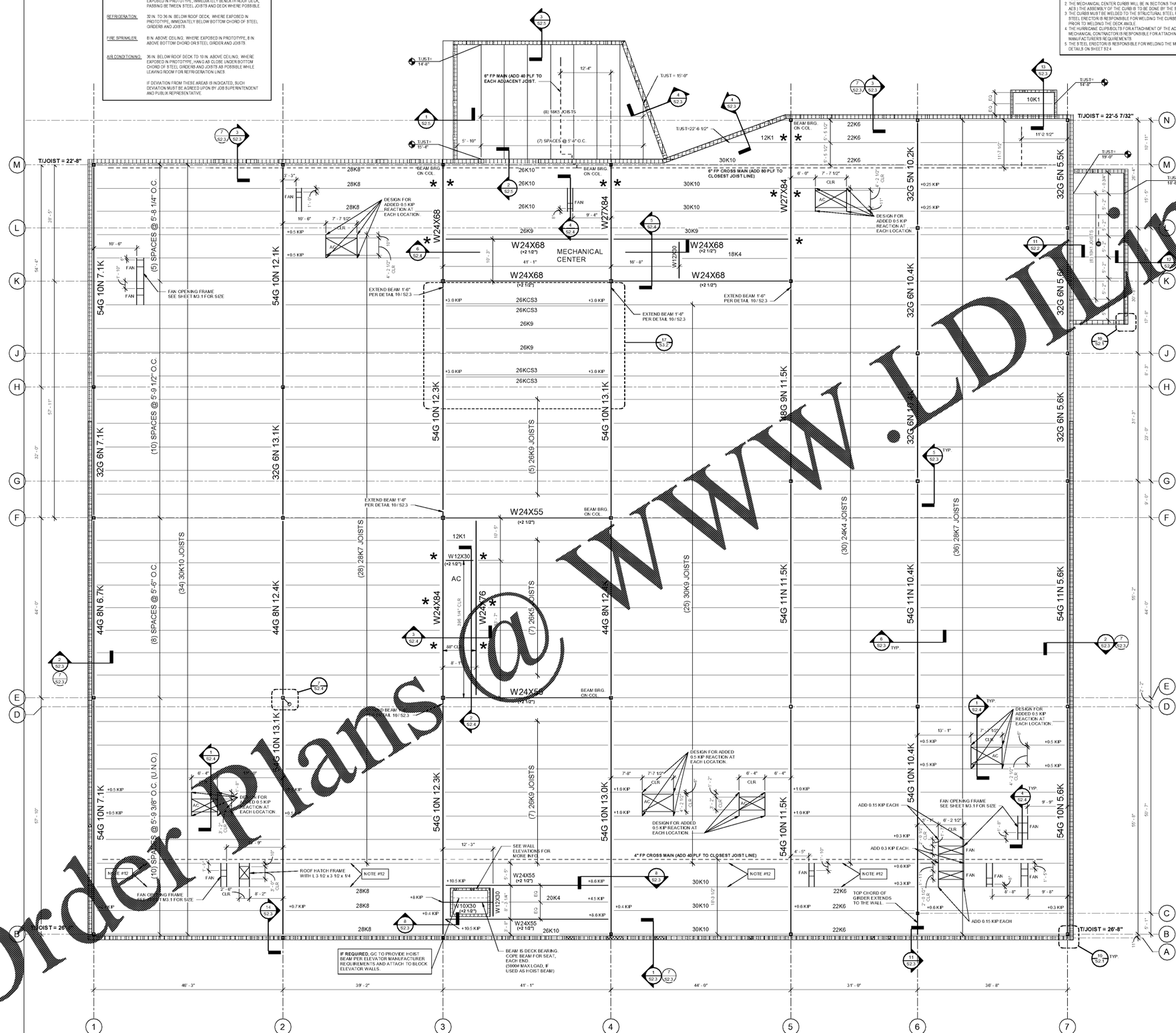
AREAS OF HORIZONTAL RUNS BY TRADES

ELECTRICAL	BOTTOM OF ROOF DECK TO 32 IN. BELOW ROOF DECK, WHERE EXPOSED IN PROTOTYPE, IMMEDIATELY BENEATH ROOF DECK, PASSING BETWEEN STEEL JOISTS AND DECK WHERE POSSIBLE.
REFRIGERATION	32 IN. TO 36 IN. BELOW ROOF DECK, WHERE EXPOSED IN PROTOTYPE, IMMEDIATELY BELOW BOTTOM CHORD OF STEEL GIRDERS AND JOISTS.
FIRE SPRINKLER	8 IN. ABOVE CEILING, WHERE EXPOSED IN PROTOTYPE, 8 IN. ABOVE BOTTOM CHORD OR STEEL GIRDER AND JOISTS.
AIR CONDITIONING	36 IN. BELOW ROOF DECK TO 10 IN. ABOVE CEILING, WHERE EXPOSED IN PROTOTYPE, HANG AS CLOSE UNDER BOTTOM CHORD OF STEEL 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.

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 S2.4. 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 S2.4.



ROOF FRAMING NOTES

1. **JOISTS, GIRDERS AND DECKING WILL BE PROVIDED BY PUBLIX. STEEL FABRICATORS MUST CONTACT VULCRAFT TO RECEIVE A SET OF APPROVED SHOP DRAWINGS FOR COORDINATION. SEE SPEC 052100 FOR VULCRAFT CONTACT INFORMATION.**
2. JOIST SUPPLIER TO PROVIDE MIN. STD. BRIDGING AND BRACING PER SJI REQUIREMENTS. ALL 30K JOIST BAYS TO HAVE 3 ROWS (MIN) BRIDGING.
3. ALL GIRDER SEATS SHALL BE 7 1/2" DEEP.
4. EXTEND JOIST BOTTOM CHORD AS REQUIRED TO SUPPORT SOFFIT WALL LOCATIONS. SEE SHEET S1.3 FOR SOFFIT WALL LOCATIONS.
5. FOR ROOF DECK CONNECTION DETAIL, SEE 2 / S4.1
6. FOR JOIST NET UPLIFT PRESSURES, SEE 1 / S4.1
7. DESIGN JOISTS FOR THE FOLLOWING ADDED LOAD CONDITIONS. THESE JOIST LOADS SHOULD BE ADDED TO THE DESIGNATED SJI JOIST SIZE CAPACITIES:
   A. ADDITIONAL 150 LB/FT LOAD FROM SOFFIT WALL LOCATIONS (SEE S1.3 AND A1.1).
   B. FP CROSS MAIN LOADS AS SHOWN ON S1.4
   C. ADDED LOADS AS NOTED ON S1.4
8. ALONG GRIDS "1" AND "7": MAXIMUM GIRDER WIDTH = 9" ALONG GRIDS "5" AND "9": "N" MAX. JOIST WIDTH = 6", BUT JOISTS MUST USE MIN. 3x2 TOP CHORD ANGLES, SEE PLAN FOR ADDITIONAL LOADS.
9. MECHANICAL FRAMING DIMENSIONS ARE TO THE CENTERLINE OF THE STEEL MEMBERS, EXCEPT IF THE OPENING IS NOTED AS "CLR", THEN THE DIMENSIONS ARE THE CLEAR OPENING DIMENSIONS.
10. BEAMS MARKED AS (+2 1/2") ARE DECK BEARING.
11. CONTRACTOR MUST VERIFY ALL FAN OPENING SIZES ON STEEL SHOP DRAWINGS WITH FAN SCHEDULE ON MECHANICAL DRAWINGS, M3.1.
12. JOISTS WITH THIS NOTE MUST HAVE MINIMUM BOTTOM CHORD THICKNESS OF 3/16".
13. REFER TO WALL ELEVATIONS (S3.1, S3.2) FOR BOND BEAM LOCATIONS.

* INDICATES 3 L 2½"x2½"x3/16" WELDED FROM JOIST BOTTOM CHORD TO BOTTOM FLANGE OF STEEL BEAM, AFTER ROOF DEAD LOAD IS APPLIED.

1 S2.3 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

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PLOT DATE:
August, 21 2018

No.	Description	Date

STORE NUMBER
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Tattersall Park

US 280 & Highway 19
Hoover
Shelby Co., AL

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KR14-2018
SIENNA LITE

ROOF FRAMING PLAN

As indicated

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S1.4