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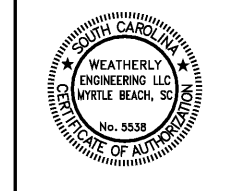
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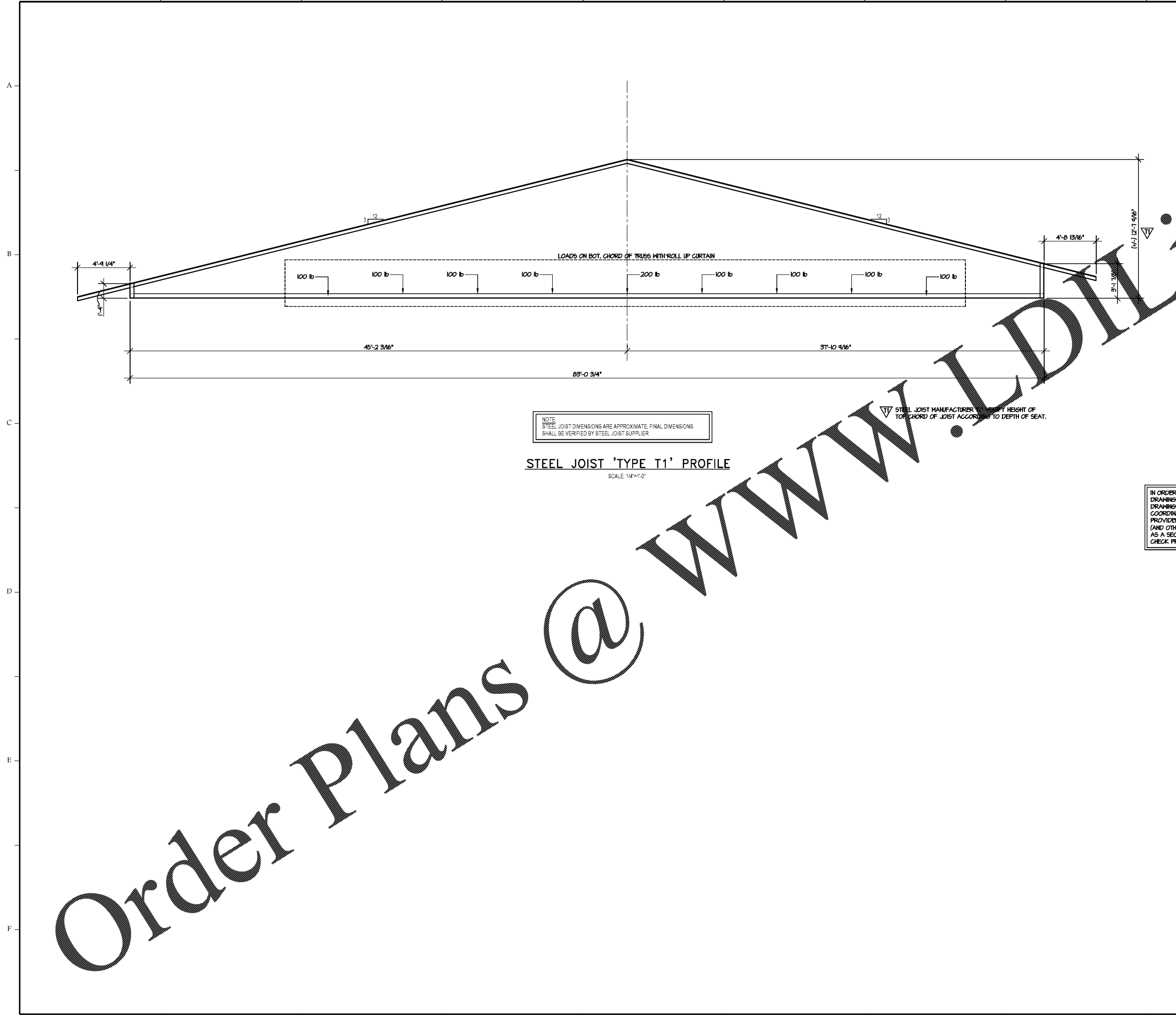
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Job Number: 15017 (WE 18-126)
Date: 03/14/18
Drawn by: CMW
Checked by: DWS

Notes:
BIDDING DOCUMENTS

Revisions:

Steel Joist Profile
S500



MINIMUM STEEL JOIST LOADING:
LIVE LOAD = 20 PSF (TOP CHORD)
0 PSF (BOT. CHORD)
DEAD LOAD = 35 PSF (TOP CHORD)
15 PSF (BOT. CHORD)
WIND LOAD = SEE LOAD TABLE
ON SHEET S1.0.

STEEL JOIST SUPPLIER SHALL SEE MECHANICAL DRAWINGS FOR ANY ADDITIONAL LOADS FROM MECHANICAL UNITS/EQUIPMENT.

NOTE: STEEL JOIST MANUFACTURER SHALL SUPPLY, DESIGN, INSTALL ALL JOIST-TO-JOIST CONNECTIONS AND ALL NECESSARY X-BRACING / BRIDGING FOR THE OVERALL STABILITY OF ROOF SYSTEM, INCLUDING BUT NOT LIMITED TO NORMAL GRAVITY LOADING AND WIND UPLIFT CONDITIONS.

NOTE: AS PART OF THE DESIGN OF THE STEEL JOISTS, THE STEEL JOIST DESIGNER SHALL MAKE PROVISIONS FOR MECHANICAL UNITS, MECHANICAL DUCTWORK, PLATFORMS FOR SERVICING UNITS, AND THE NECESSARY WALKWAYS AND CLEARANCES PER THE APPLICABLE CODES. SEE MECHANICAL DRAWINGS FOR EQUIPMENT AND DUCTWORK. STEEL JOIST SUPPLIER SHALL COORDINATE WITH MECHANICAL CONTRACTOR EXACT LOCATIONS OF DUCTWORK.

IN ORDER TO PREVENT FIELD FIT-UP AND PLACEMENT ISSUES THE STRUCTURAL STEEL SHOP DRAWINGS SHALL BE CAREFULLY COORDINATED WITH OTHER COMPONENT DRAWINGS INCLUDING PRECAST, STEEL JOIST AND DECKING SHOP DRAWINGS. THIS SPECIAL COORDINATION IS TO BE PERFORMED BY THE STRUCTURAL STEEL SHOP DRAWING PROVIDER. THE PROVIDERS OF PRECAST, STEEL JOIST AND DECKING SHOP DRAWINGS (AND OTHER COMPONENTS) SHALL BACK CHECK THE STRUCTURAL STEEL SHOP DRAWINGS AS A SECONDARY VERIFICATION. THE GENERAL CONTRACTOR SHALL PROVIDE HIS OWN CHECK PRIOR TO COMPLETION OF THE SHOP DRAWING PROCESS.

NOTE: STEEL JOIST SUPPLIER SHALL DESIGN STEEL JOIST TO SUPPORT BASKETBALL GOALS, PARTITIONS, SCOREBOARDS, etc. (SEE ARCH. DWGS.) WEIGHTS AND LOCATIONS OF THESE ITEMS SHALL BE SUPPLIED BY THE PARTICULAR VENDOR. ALL NECESSARY CONNECTIONS, ATTACHMENTS, BRACES, etc. SHALL BE INCLUDED IN GENERAL CONTRACTORS BID.

NOTE:
STEEL JOIST DIMENSIONS ARE APPROXIMATE, FINAL DIMENSIONS SHALL BE VERIFIED BY STEEL JOIST SUPPLIER

STEEL JOIST 'TYPE T1' PROFILE
SCALE: 1/4"=1'-0"

STEEL JOIST MANUFACTURER SHALL VERIFY HEIGHT OF TOP CHORD OF JOIST ACCORDING TO DEPTH OF SEAT.

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