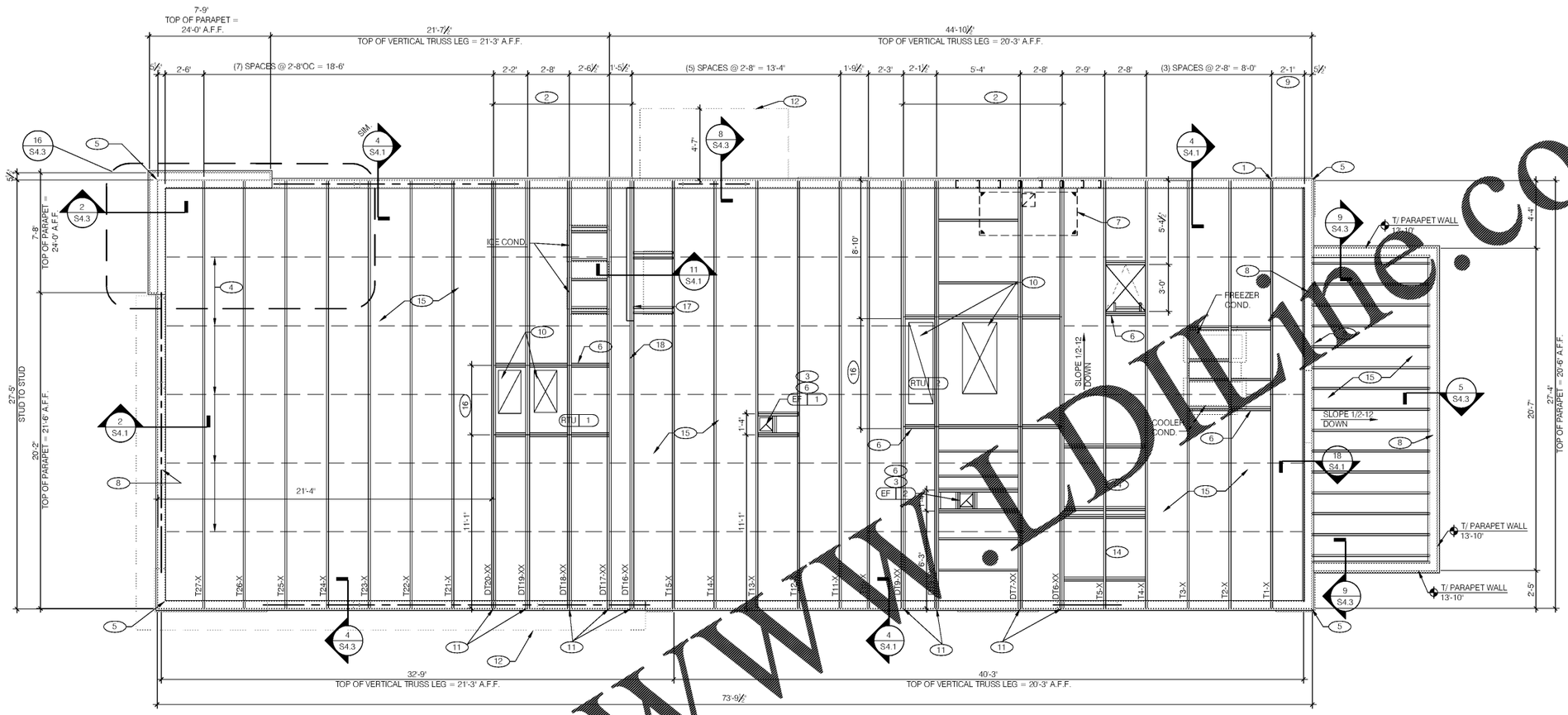

TRUSS MANUFACTURER SHALL BE REQUIRED TO SHOW THAT THEY ARE REGISTERED & APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTIONS.

SEE 9/S4.2 FOR RTU WEIGHTS

SEE 10/S5.0 FOR SNOW DRIFT

EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES - COMPLY WITH TPI BRACING REQUIREMENTS.

ROOF NOT DESIGNED FOR PONDING. SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS.

ROOF FRAMING PLAN 1/4" = 1'-0" | A

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 4" O.C.	-
EN	10d @ 6" O.C.	-
FN	10d @ 12" O.C.	-
ROOF SHEATHING	19/32" CDX PLYWOOD (40/20), EXPOSURE 1	

NOTE:

SEE 13/S4.2 FOR DEFINITIONS AND ROOF NAILING PLAN.
SEE 18/S4.2 FOR TYPICAL NAILING SCHEDULE.

"BN" DENOTES ROOF BOUNDARY NAILING
"EN" DENOTES EDGE OF PANEL NAILING
"FN" DENOTES FIELD OF PANEL NAILING

NAILING SCHEDULE - ROOF | D

ROOF FRAMING NOTES:
A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE BLOCKED WITH 2x4 INSTALLED FLAT. PLY CLIP MTL CLIPS ARE NOT PERMITTED. SEE DETAIL 14/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.

B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.

MANUFACTURED ROOF TRUSS NOTES:
A. MFRD ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.

B. "T-#" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 11/S4.2.

C. TRUSS DRAWINGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF PROJECT). SUBMIT SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS. SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MANUFACTURER SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT. A MINIMUM OF 10 BUSINESS DAYS SHALL BE ALLOWED FOR REVIEW.

D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.

E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN. AND CONSISTENTLY SIZED THROUGHOUT PROJECT.

F. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 3/S4.2.

G. MFRD ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 4/S4.2 AND SNOW DRIFT DIAGRAM 10/S5.0

H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.

I. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

J. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.

K. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTOR'S EXPENSE.

L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

ROOF FRAMING NOTES | C

1. STARTING POINT OF TRUSS LAYOUT - CENTERLINE OF TRUSS.
2. VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING AND ADDITIONAL UNIFORM LOADING, TYPICAL.
3. COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.
4. CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 5'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 16/S4.1 FOR BRIDGING LAP DETAIL.
5. SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
6. (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. EDGES OF ALL ROOF TOP EQUIPMENT AND ALL ROOF OPENINGS - SEE DET. 10 & 15/S4.2.
7. LOC. OF HOOD. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAIL 9/S4.1.
8. 2X6 LEDGER REF. 5/S4.1.
9. DIMENSION IS FROM INSIDE FACE OF WALL FRAMING.
10. HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.
11. (2)2x6 BUILT-UP COLUMN AT TRUSS BEARING, TYP. @ DOUBLE. TRUSS ONLY. REF. DETAIL 19/S4.2.
12. CANOPY, BY SUPPLIER
13. NOT USED
14. PREFERRED LOCATION OF SATELLITE DISH SLED. SEE SCOPE OF WORK.
15. 19/32" PLYWOOD ROOF DECK. SEE NAILING SCHEDULE, THIS SHEET.
16. REF. MECHANICAL FOR SIZE OF SELECTED RTU OPTION.
17. INTERIOR SHEAR WALL BELOW. ALIGN KITCHEN SIDE OF WALL WITH SIDE OF TRUSS. SEE DTL. 11/S4.1.
18. DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE 2-PLY TRUSS. DESIGN EACH PLY OF DRAG TRUSS FOR 250 PLF SERVICE WIND LOAD ALONG TOP CHORD OF TRUSS (13,000 LBS TOTAL DRAG LOAD). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10d NAILS @ 4" O.C. ALONG ENTIRE LENGTH OF TRUSS. ATTACH DRAG TRUSS TO TOP PLATE OF SHEAR WALL PER DETAIL 11/S4.1.

KEY NOTES | B

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SITE NUMBER: 311687
STORE NUMBER: 436563

TACO BELL

3923 SHAKEDOWN ST.
CHARLOTTE, NC

TACO BELL

EXPLORER LITE
MEDIUM54

ROOF FRAMING PLAN

S3.0

PLOT DATE: