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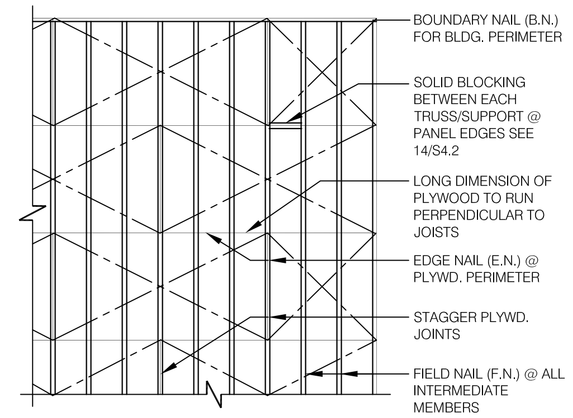
ARCHITECT
THOMAS E. MORGAN, JR.
ARCHITECT

423 FISCHER TRAIL
ELLIJAY, GEORGIA 30540

CONNECTION TYPE:	NAILING:
1. JOIST TO SILL OR GIRDER, TOENAIL	(3-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END	(2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL	(2-8d)
4. WIDER THAN 1" X 6"(25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL	(3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL	(2-16d)
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	(16d @16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS	(3-16d PER 16")
8. TOP PLATE TO STUD, END NAIL	(2-16d)
9. STUD TO SOLE PLATE	(2-16d END NAIL)
10. DOUBLE STUDS, FACE NAIL	(16d @ 24", O.C.)
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL	(16d @ 16" O.C.)
12. DOUBLE TOP PLATES, LAP SPLICE	(8-16d)
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	(3-8d)
14. RIM JOIST TO TOP PLATE, TOENAIL	(8d @ 6" O.C.)
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	(2-16D)
16. CONTINUOUS HEADER, TWO PIECES	(16d @ 16" O.C. ALONG EDGE)
17. CEILING JOISTS TO PLATE, TOENAIL	(3-8d)
18. CONTINUOUS HEADER TO STUD, TOENAIL	(4-8d)
19. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL	(3-16d)
20. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3-16d)
21. RAFTER TO PLATE, TOENAIL	(3-8d)
22. 1" (25MM) BRACE TO EACH STUD AND PLATE, FACE NAIL	(2-8d)
23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	(2-8d)
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	(3-8d)
25. BUILT-UP CORNER STUDS	(16d @ 24" O.C.)
26. 2" PLANKS	(2-16d AT EACH SPLICE)
27. 2x6 BOX BEAM / HEADER	(12d @ 12" O.C.)
28. BUILT-UP GIRDER AND BEAMS	(20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)

NAILING SCHEDULE N.T.S. **18**



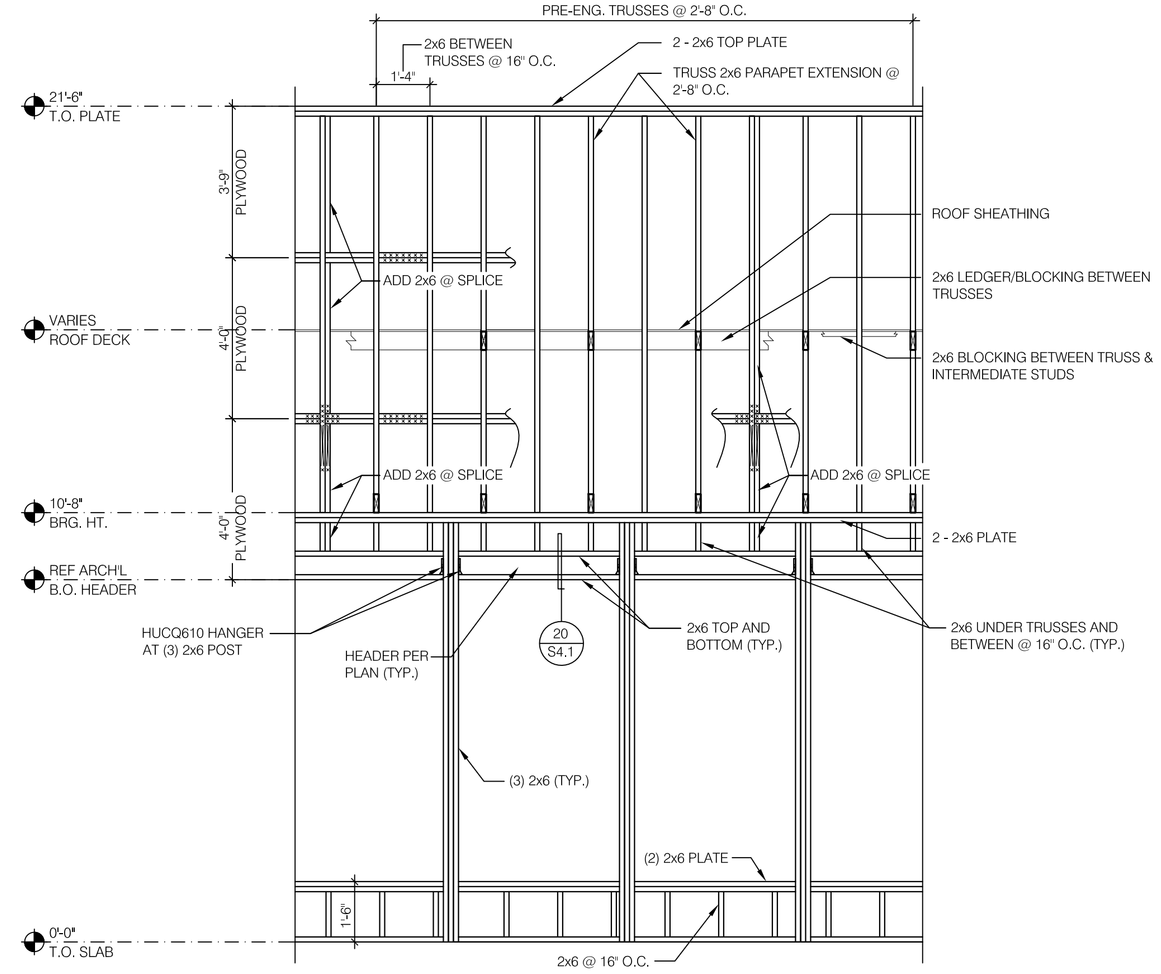
NOTES:
1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".
2. MIN. 3/8" NAILING EDGE DISTANCE.
3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

ROOF NAILING PLAN N.T.S. **13**

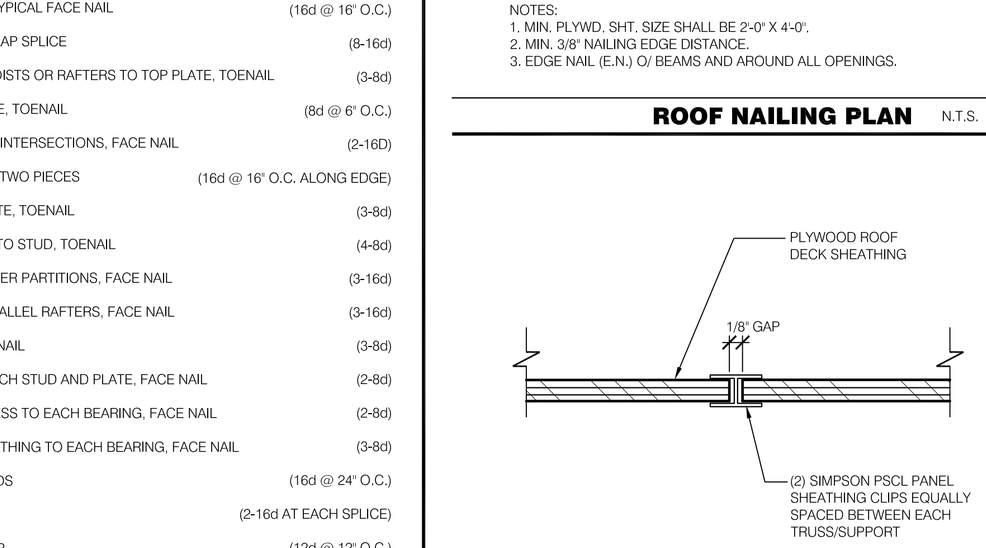
EQUIPMENT		DESIGN WEIGHT
HVAC UNIT - RTU-1	*	1700 lbs.
HVAC UNIT - RTU-2	*	2800 lbs.
HVAC UNIT - RTU-1 (ALT)	*	1700 lbs.
HVAC UNIT - RTU-2 (ALT)	*	1900 lbs.
EXHAUST FAN - EF-1	*	200 lbs.
EXHAUST FAN - EF-2	*	70 lbs.
HOOD #1 - TACO BELL		400 lbs.
ICE CONDENSERS		200 lbs.
FREEZER CONDENSER		300 lbs.
COOLER CONDENSER		300 lbs.
MUZAK DISH, SLED & BALLAST - ALLOW FOR LOCATION ANYWHERE ON ROOF.		1,087 lbs.

* A. ALL DESIGN WEIGHTS INCLUDE CURB.
B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M1.0.

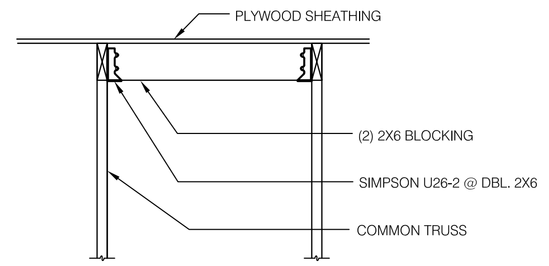
ROOF TOP EQUIPMENT WEIGHTS N.T.S. **9**



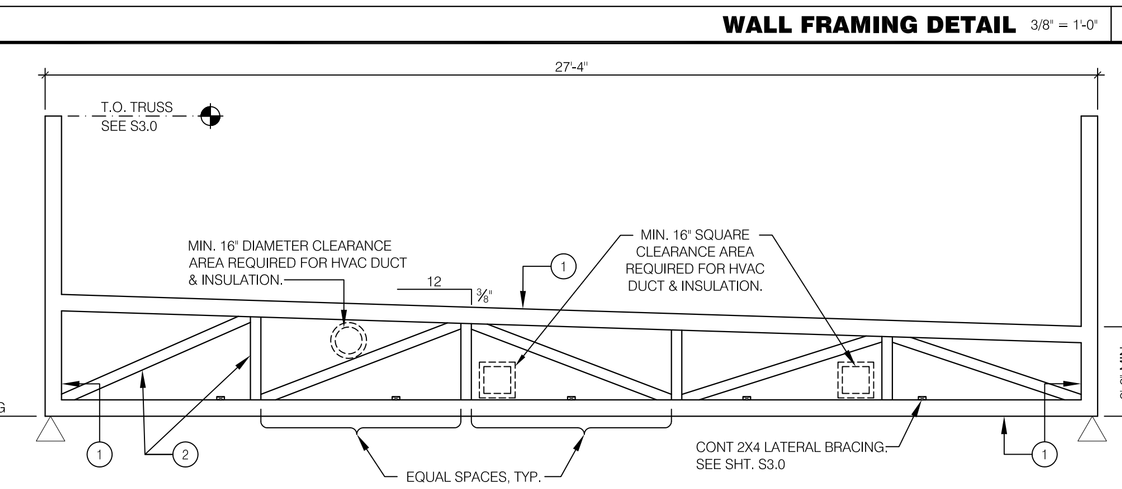
WALL FRAMING DETAIL 3/8" = 1'-0" **2**



PLYWOOD EDGE BLOCKING N.T.S. **14**



ROOF OPENING DETAIL N.T.S. **10**



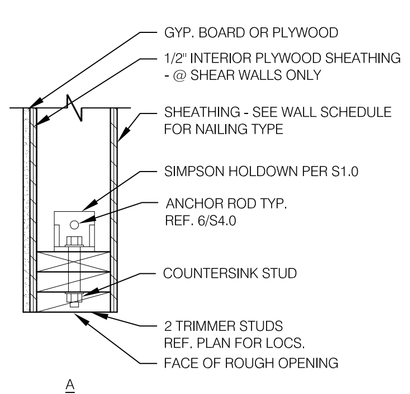
TRUSS ELEVATION 1/4" = 1'-0" **3**

TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1	X	XX	△	SEE NOTE 1.
T2	X	XX	△	REFER TO 4/S4.2 FOR SNOW DRIFT PROFILE

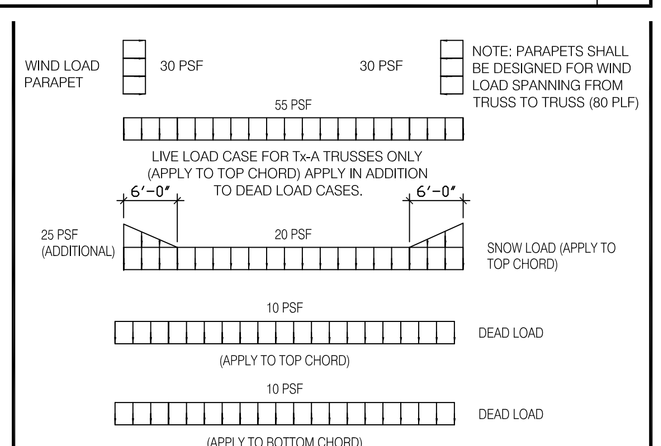
NOTES:

1. HOLDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
2. PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
3. TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS AND CODES.

TRUSS SCHEDULE N.T.S. **11**



HOLDOWN DETAILS 1 1/2"=1'-0" **8**



NOTE:
ALSO, APPLY ROOF TOP MECHANICAL POINT LOADS AND SUSPENDED POINT LOADS. WEIGHT OF UNITS AS SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM, SEE SHT. A3.0 FOR LOCATIONS. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.

TRUSS DESIGN CRITERIA N.T.S. **4**

JOB: 16049

CONTRACT DATE:	4.3.17
BUILDING TYPE:	EXPLORER LG-54
PLAN VERSION:	NOVEMBER 2015
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

TACO BELL

LAKEPOINT
EMERSON, GA 30137

EXPLORER

STRUCTURAL DETAILS ROOF

S4.2

PLOT DATE: 08/17/17