

DIMENSIONS THIS SHEET ARE TO FACE OF STUD

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12 11 10 8 7 6 5 4 3 2 1
WALL FRAMING PLAN 1/4"=1'-0" A

MARK	BUILT-UP SECTION	BUILT-UP MANUF. MEMBER
1	(3) 2x8	--
2	(3) 2x10	--
3	(3) 2x12	(3) 1 3/4" x 9 1/4" LVL

NOTES:
 1. BUILT-UP HEADER SECTION SHALL BE 1/2" PLYWOOD AND 2x10 OR 2x12. SEE CEILING 20/S4.1.
 2. MANUFACTURER NUMBER SHOULD BE 1.9E. ALL LVL BY TRUSJOIST OR APPROVED EQUAL (NER-200). REF. 19/S4.1

SW SHEATHING	EDGE	FIELD	HOLDOWN	PLATE / ANCHOR BOLT	REMARKS
1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 6" O.C.	HDU2	5/8" DIA. x 7' EMBED. TITEN HD @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 6" O.C.	HDU14	5/8" DIA. x 7' EMBED. TITEN HD @ 16" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS (NOTE 8)
1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 3" O.C.	10d @ 6" O.C.	HD19	5/8" DIA. x 7' EMBED. TITEN HD @ 8" O.C. W/ WASHER	PLYWOOD ON BOTH FACES OF STUDS (NOTE 8)
1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 6" O.C.	HDU5	5/8" DIA. x 7' EMBED. TITEN HD @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACES OF STUDS
1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	N/A	5/8" DIA. x 7' EMBED. TITEN HD @ 48" O.C. W/ WASHER	NAILING @ HEADERS PER 19 & 20/S4.1

*** REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

- OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
- BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS.
- ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.
- EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.
- SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.
- HD REFERS TO SIMPSON STRONGTIE CO. HOLDDOWNS. INSTALL PER 6/S4.0 & 7/S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQ'S.
- EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLDDOWNS.
- WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 4" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED. SILL PLATES SHALL BE (2) 2x MEMBERS.
- PROVIDE A MINIMUM OF TWO SILL ANCHORS PER SILL PLATE SEGMENT WITH BOLTS LOCATED FROM THE END OF EACH SEGMENT AT LEAST 4 INCHES, BUT NOT MORE THAN 12 INCHES.
- FASTENERS FOR PRESSURE-PRESERVATIVE AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL. THE COATING WEIGHTS SHALL BE IN ACCORDANCE WITH ASTM A153.

WALL SHEATHING AND SHEARWALL SCHEDULE D

WALL FRAMING:
 A. STRUCTURAL WOOD FRAMING SHALL MEET OR EXCEED THE FOLLOWING:

USE	WOOD TYPE	GRADE	FB/PSI	FCP/PSI	E/PSI
2x8	SOUTHERN PINE	#2	925	1,350	1,400,000
2x10	SOUTHERN PINE	#2	800	1,300	1,400,000
2x12	SOUTHERN PINE	#2	750	1,250	1,400,000
STUDS (2X6)	SOUTHERN PINE	#2	1,000	1,400	1,400,000
6x6 & LARGER	SOUTHERN PINE	#1	1,350	825	1,500,000

B. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.
 C. SEE SHEET A1.0 FOR DIMENSIONS.
 D. EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.
 E. ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE TREATED.
 F. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPLICE. STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF THE MEMBER.
 G. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-UP.
 H. USE AT PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.

STUD LAYOUT:
 A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.
 B. LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.
 C. LAYOUT STUDS TO ALIGN WITH ROOF TRUSSES. PROVIDE DOUBLE STUDS AT DOUBLE TRUSSES, TYPICAL. SEE ROOF FRAMING PLAN ON SHEET S3.0 FOR TRUSS LOCATIONS.

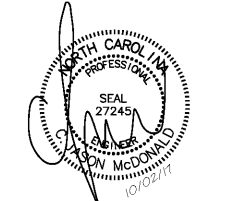
FRAMING PLAN NOTES C

- COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 13 & 14/S4.1 AND WALL FRAMING NOTES.
- (2) 2x6 TOP PLATES - SPLICE PER 15/S4.1. U.O.N. REF. 17/S4.3 FOR CAP DETAIL.
- TOP OF TRUSS BEARING PLATE. SEE DETAIL 2 & 4/S4.1.
- TOP OF PARAPET. SEE S3.0.
- ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.
- EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH TOWER FRAMING - TYPICAL.
- INTERIOR SHEAR WALL FRAMING FOR 2X6 STUDS, BLOCKING, & SILL PLATE SHALL BE SOUTHERN PINE OR DOUGLAS FIR AT THIS WALL. PROVIDE 6X6 POST AT EACH END OF WALL.
- COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.
- 2x FRAMING ON THICKENED CONCRETE FOUNDATION / PIER; SEE SHEETS S1.0 AND S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD.
- PROVIDE 3 1/2" CLEARANCE FROM POST TO END OF FINISHED WALL FOR ELECTRICAL CHASE
- FASTENER FOR SHEARWALL SHALL BE #8 SCREW AT SAME EDGE AND FIELD SPACING LISTED IN THE SHEARWALL SCHEDULE WHERE STUDS ARE METAL.

KEY NOTES B

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12144.400

CONTRACT DATE: 10/23/17
 BUILDING TYPE: EXP. LITE MED40
 PLAN VERSION: DECEMBER 2016
 SITE NUMBER: 311687
 STORE NUMBER: 436563

TACO BELL
 3923 SHAKEDOWN ST.
 CHARLOTTE, NC

TACO BELL
EXPLORER LITE
 MEDIUMS4
WALL FRAMING PLAN
S2.0

PLOT DATE: