

Quick Reference Guide

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Chapter 13 – Ceiling Sheetrock

Preparation	<ol style="list-style-type: none"> 1. Verify the following: <ol style="list-style-type: none"> a. Ceiling rock blocking is complete (add as needed) b. Ceiling Poly is neatly tucked into corners (like an expert gift wrapper). Take the time to correct bunching, re-staple and tape holes with red poly tape as needed. c. All ceiling electrical box, HVAC duct & damper access locations are marked on the floor 2. Mark truss centerlines on INTERIOR wall top plates.
Planning	<ol style="list-style-type: none"> 3. Plan to ensure the sheetrock width of the last row will be a minimum of 16" wide. Trim 1st row width if necessary. Best to start on interior wall so 16" minimum is at exterior wall. 4. Develop an installation team plan (Cutting/carrying/markings truss centers, quality checking
General Installation	<ol style="list-style-type: none"> 5. Install sheets so length is perpendicular to trusses 6. All sheets must be secured to at least three trusses (i.e. have 3 rows of screws). 7. Each sheet must have 7 screws on each end and 5 "in the field" 8. Hold screws back 12" from interior walls and back 4" from exterior walls where trusses intersect (Fig. 3-1) 9. Abutting ends should be "factory" edges if possible and always centered on a truss 10. Measure "tight" and subtract ¼" for EACH wall abutting end 11. "L-Cut" around outside corners. Sheetrock must extend to at least the 1st truss past an interior wall end (fig. 10-2) 12. Stagger sheets at least two and preferably three trusses on adjacent rows. 13. Cutting sheets: <ol style="list-style-type: none"> a. write length on "drop" pieces and stack against wall in central location b. check "drop" stack before cutting a full sheet 14. Cut out the following before lifting the sheet into place: <ol style="list-style-type: none"> a. HVAC duct and bath fan openings before lifting sheet into place (cut bath fan opening to INSIDE perimeter of the fan housing or up to ½" wider) 15. Cut out the following after sheet is installed (do NOT install screws within 2-feet of area to be cut out: <ol style="list-style-type: none"> a. Electrical openings with roto-zip spiral saw. b. Attic scuttle with hand saw or roto-zip c. Cut HVAC damper openings with a 4 1/8" hole saw 16. To RotoZip: <ol style="list-style-type: none"> a. Verify bit extends about ¾" past base plate (depth). b. Locate box center (start zipping 4" out from this) or at truss where box is attached, move until bit contacts the outside of the box (feel and sound difference), then move in counterclockwise direction (DO NOT CUT INSIDE THE BOX as this could damage wiring)
Installation	<ol style="list-style-type: none"> 17. Start installation along an interior wall (preferred) in a corner of the room perpendicular to trusses. <ol style="list-style-type: none"> a. Measure to determine starting piece length for each row so as NOT to end up with too short a piece at the end. Center "joint" ends on a truss b. Measure location of any HVAC duct or electrical box centers before installing sheet c. Cut piece, put on ceiling lift and secure with enough screws to hold sheet in place (at least 10) but NOT within 24" of area to be roto zipped before removing lift d. RotoZip electrical boxes and finish installing screws (7 on the ends and 5 "in the field") e. Mark truss center lines with pencil using T-square 18. Quality check entire sheet (refer to Quality Points on back side) and mark OK with scrap piece of sheetrock
Assemble Scuttle Box Cover	<ol style="list-style-type: none"> 17. Locate the prebuilt scuttle cover (a ¾" x 25" x 27½" piece of OSB with foam board and poly) usually near the scuttle access. 18. Cut and fasten a piece of 25" x 27 ½" sheetrock to the OSB. 19. Finish scuttle opening with four 3-1/4" sheetrock pieces installed in the perimeter <ol style="list-style-type: none"> a. Install flush to the top of the scuttle framing, stagger screws at edges about every 12".

Quality Points

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- All ceiling sheetrock pieces are installed. No rows are less than 16" wide.
- Sheetrock rows are appropriately staggered and no piece has less than 3 rows of screws
- Sheetrock around interior wall corners are "L"-cut to at least 1 truss past corner.
- Openings for attic scuttle, electrical boxes, bathroom fan, HVAC ducts and duct damper accesses (basement) have been cut out (verify with house plan and markings on floor)
- Attic scuttle:
 - side pieces are installed and do NOT extend above top of framing
 - cover sheetrock is installed to OSB
 - Two stacks of foamboard (5" thick & 8" thick) are wrapped and ready to install
- All sheets have been quality checked and marked with an "OK" for the following:
 - 7 screws on the ends
 - 5 screws in the field
 - Screws are 12" away from interior walls perpendicular to trusses & 4" away from exterior walls perpendicular to trusses.
 - All screw heads are countersunk "slightly" below drywall surface. If not, drive in further and if they "spin", remove and replace
 - Additional screw installed near screws that have been put in too far (broken thru the paper)