

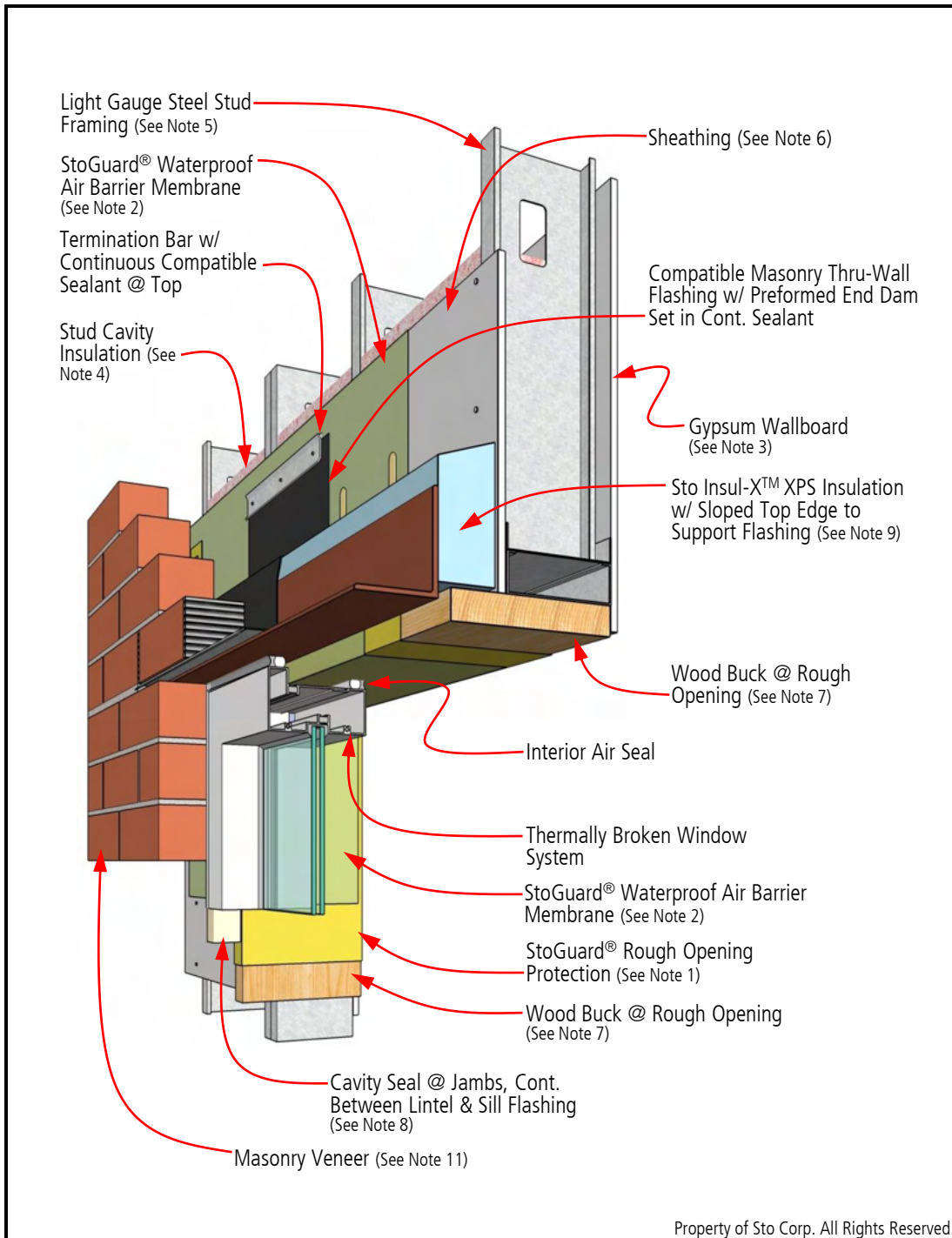
StoEnergy Guard™

Masonry Veneer on Steel Stud Backup, Window Head

Fire Protection – Multi-story Noncombustible Type Construction (NFPA 285 Compliant)

Detail No.: 61s.35FP

Date: September 2012



Notes:

For assemblies in compliance with acceptance criteria of NFPA 285 the following material requirements apply. Also refer to IBC Chapter 26 for other requirements that may apply.

1. StoGuard® Rough Opening Protection Options:

- Sto Gold Fill® with StoGuard® Mesh
- StoGuard® Fabric with StoGuard® Waterproof Air Barrier Membrane

2. StoGuard® Waterproof Air Barrier Membrane Options:

- Sto Gold Coat® (vapor permeable)
- Sto EmeraldCoat® (high perm)
- Sto ExtraSeal™ (high perm)

3. Interior: minimum 1 layer 5/8 inch Type X gypsum wallboard.

4. Stud Cavity Insulation: none, or any noncombustible insulation, faced or unfaced if batt insulation.

5. Steel Stud Backup: minimum 3-5/8 inch depth, minimum 18 gage, maximum 16 inches on center.

6. Exterior Sheathing: minimum 5/8" glass mat faced gypsum sheathing in compliance with ASTM C 1177. Joints treated with StoGuard® joint treatment.

7. Wood Buck: Fire Retardant Treated 2X solid wood blocking, without joints, length or width.

8. Cavity Seal at Jamb: required, Dow Great Stuff Pro Gaps and Cracks single component insulating foam sealant (install over polypropylene backer rod to control expansion).

9. Continuous Insulation: Sto Insul-X™ Type IV XPS, maximum 3 inches thick.

10. Cavity: comply with ICC requirements for cavity depth.

11. Brick Veneer: standard nominal 4 inch thick or greater, clay brick, installed with anchors maximum 24 inches on center each stud.

12. Final assembly subject to review and approval by qualified design professional.

IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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