Clark County Building Safety Division
Two One - Hour Townhouse Walls

Fire retardant treated wood
R302.2.2 exception #2
No openings

Two one hour fire-resistance-rated walls
2x4's @ 24" o.c. or trusses w/ vert. members @ 24" o.c. w/ one layer of 5/8" type 'X' each side, each wall
2x6 walls
2x4 walls permitted for unheated space only

Drywall backing
One-hour wall each of prop. line w/ 5/8" Type 'X' Gyp. board ea. side
Legal recorded agreement required for maintenance at property line

NOTE:
- No openings or penetrations permitted on roof or eaves within the 4' protected fire-resistance-rated wall
- Separate roof drains required
- Separate utilities and meter required
- Min. requirement-Class C roof covering and roof fire-sheathing that is of noncombustible material or treated wood for a distance of 4' on each side of the wall. Section R302.2.2
- One-hour construction required for exterior roof overhangs within 3' of prop. line
- Fasteners for fire-retardant treated wood shall be of hot-dipped galvanized steel, stainless steel, silicon bronze or copper. See R3.19.3.

"Through penetrations shall be protected by an approved penetration firestop system installed as tested in accordance with ASTM E 814 or UL 1479. Penetrations shall have an "F" rating of not less than the required fire-resistance rating of the wall or floor-ceiling assembly penetrated".

Please provide the manufactures installation spec sheets for the approved penetration firestop systems being used on the project for both the plan review process and onsite for field inspections.

CONDITION SHOWN WITH RAFTERS OR TRUSSES PARALLEL TO FIRE-RESISTANCE-RATED WALL
SECTION R302.2.2 (Exception)-NO PARAPET REQUIRED WHEN BUILDING IS PROTECTED 4 FEET EACH SIDE OF FIRE WALL W/FIRE RETARDANT-TREATED WOOD