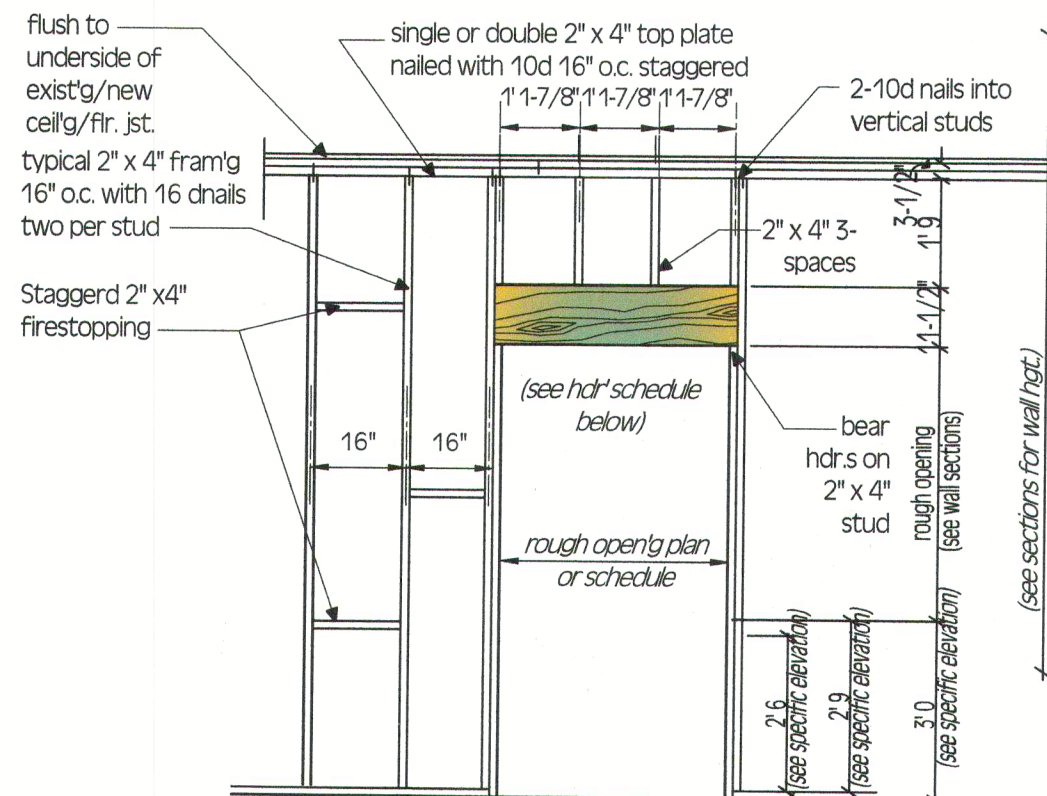
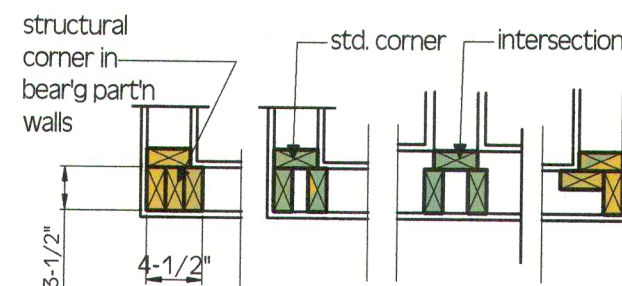


Interior Garage Conversion for 7 Deerfield Dr., West Orange, Nj



Typical wall framing



corner and partition posts
*contractor note all dimensions are to
face of stud unless marked other wise all
partitions are 3'-1/2" by default

Typical Interior Framing-Wall Details for windows and doors.

scale: 3/8" = 1'-0" , typical for nom. 4" or 6" walls

1 Hour Fire-Rated Construction		Non-Loadbearing			
	wt. 6	UL Des U419	40	USG-860808 Based on 5/8" SHEETROCK FIRECODE Core panels	A-2
			48	RAL-TL-11-068 Based on 5/8" SHEETROCK FIRECODE Core panels or 5/8" SHEETROCK UltraLight FIRECODE X panels, R-11 fiberglass sound bat	

Standard Header Sizes Chart

Non-Bearing Conditions

Open'g Size	Hd.'r Size
Up to 4'-0"	(2) 2" x 6"
4'-0" to 6'-0"	(2) 2" x 8"
6'-0" to 9'-0"	(2) 2" x 10"

Bearing Conditions

Open'g Size	Hd.'r Size
Up to 4'-0"	(2) 2" x 8" or (3) 2" x 6"
4'-0" to 6'-0"	(2) 2" x 12"
6'-0" to 9'-0"	(2) 2" x 12" or 1-3/4" x 7-1/2" micro-lam

Bearing Conditions

*for spans above 9' (see plan
supplied calculations)

Wood Framed

2 Hour Fire-Rated Construction		Loadbearing		Acoustical Performance		Reference	
Construction Detail	Description	Test Number	STC	Test Number	Index		
wt. 12 	5/8" SHEETROCK FIRECODE Core gypsum panels or SHEETROCK water-resistant FIRECODE Core gypsum panels or FIRECODE panels - 2 x 4 wood studs 16" o.c. - joints finished - optional veneer plaster	UL Des U301	52	USG-810218 Based on same assembly with RC-1 channel and without mineral wool batt	A-68		
			58	USG-810219 Based on same assembly with RC-1 channel and 2" mineral wool batt.			

Building Codes

applies	yes	no	
			1a Designed in conformance with the 2018 Edition of the I.R.C. (New Jersey Edition) under the provisions of the N.J. Uniform Construction Code 5:23-6.32 for Alterations and Additions
			1b Electrical code : NFPA 2017
			1c Mechanical code: IMC 2018
			1d Plumbing Code: NSPC 2018
			1e Energy Code: IECC: 2018
			1f Fire Protection: (N.F.P.C.) 2018
			1e Handicap: ANSI 117.1 (NJVCC subchapter 7) 2018
			2 Provisions of the AFPA WFCM Wood Frame Construction Manual Design Guide for 110 mph exposure B Criteria for Hurricane Prone Regions.
			3 The use Group is R-5
			4 The live load is 60# PSF for decks
			5 Construction type 5b
			7 Wind Load = 110 mph table R 301.2 (4)
			8 Ground Snow Load = 25 psf table R301.2 (5)
			9 The Live Load for second floors = 40# P.S.F.
			10 The Live Load for Ceiling = 20# P.S.F.
			11 The Live Load for Roofs = 30# P.S.F.

Architect

Architect: Albert Birch (Sole Practitioner)
(dba Heliotrope Architectural Design Studio)
Project Design/Manager: Gary Douredjian

Scope of Work

- 1- Convert interior of existing garage into dining area.
- 2- Remove existing garage door and frame up.
- 3- Provide interior finish work in garage area.
- 4- Remove interior bearing wall & install beam.

Index of Drawings

- 1) Cov-1 Codes, Details & Notes
- 2) Arc-1 Architectural & Electrical Plans

Interior Garage Conversion for
7 Deerfield Dr.,
West Orange, Nj

Cover ,
Codes &
Details

Cov-1

03/15/2020

Albert Birch Architect dba
Heliotrope Architectural
Design Studio
188 Hollywood Ave., East Orange, New Jersey 07048
(201) 575-5963 e-mail designbuildgroup@gmail.com

NJBA # A-13166