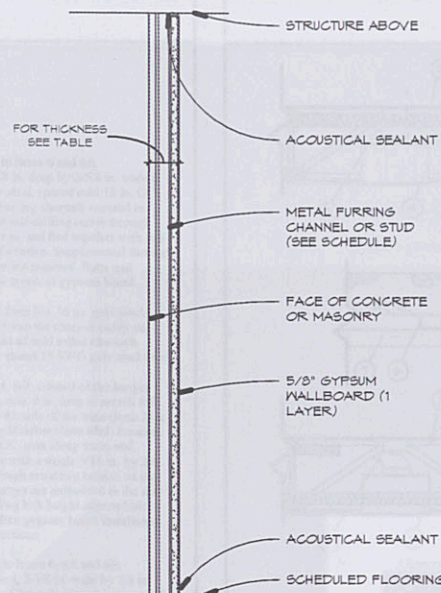


Design No. P522

November 07, 2020

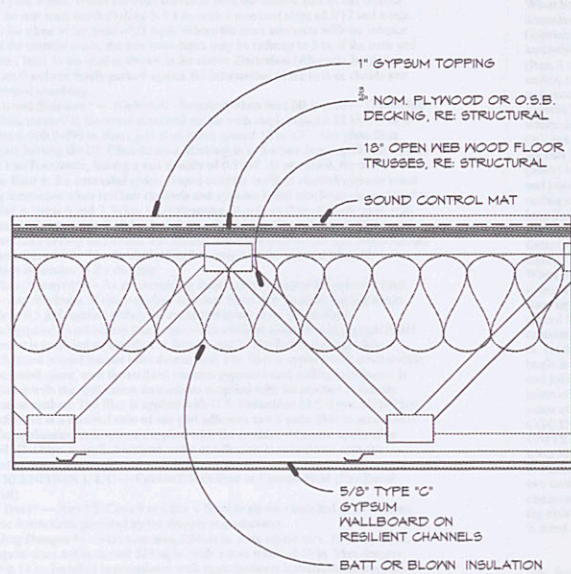
Unrestricted Assembly Rating - 1 HR
Fire Rating - 35 Min (See Items 1 & 2)



NUMBER	STUD SIZE	WALL THICKNESS	INSUL	FIRE RATING	RATING	SOURCE	S.T.C. RATING	SOURCE
P1	2 1/2"	8 1/8"		NR				

PARTITION TYPE - P

1 1/2" = 1'-0"



NUMBER	TRUSS SIZE	INSUL	FIRE RATING	RATING	SOURCE	A/O INSUL	A/V INSUL	SOURCE
01B	1'-6"	BATT	1 HR	LS65	50 MIN.	50 MIN.	50 MIN.	RAI-OT-04-01 I 02
01C	1'-6"	BLOWN	1 HR	LS65	50 MIN.	50 MIN.	50 MIN.	RAI-OT-04-01 I 02
01D	2'-0"	BATT	1 HR	LS65	50 MIN.	50 MIN.	50 MIN.	RAI-OT-04-01 I 02
01E	3'-0"	BLOWN	1 HR	LS65	50 MIN.	50 MIN.	50 MIN.	RAI-OT-04-01 I 02

TRUSS DEPTH AT CORRIDORS IS 3/4" SHORTER THAN ADJACENT UNIT TRUSSES - TO ALLOW FOR 2" MIN CONCRETE TOPPING AT CORRIDORS. REFER TO 3/A200P

FLOOR/CEILING - TYPE TYPICAL RATED FLOOR/CEILING 01

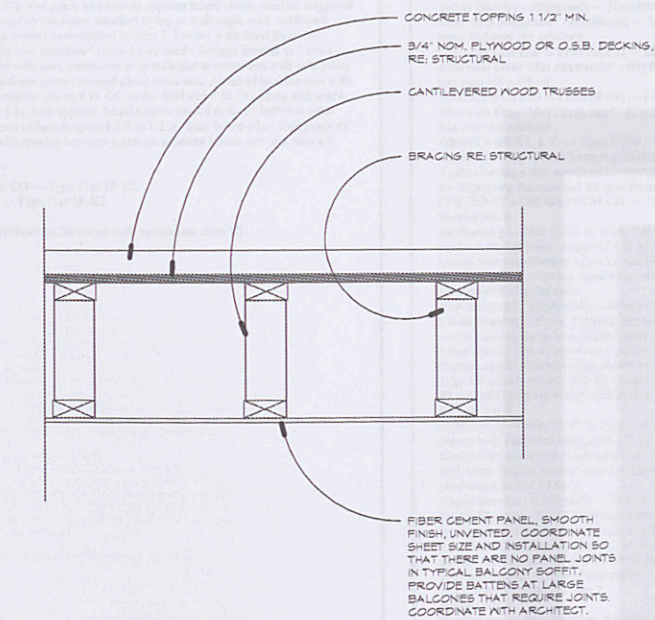
1

1 1/2" = 1'-0"

ROOF/CEILING - TYPICAL RATED 02

2

1 1/2" = 1'-0"



NUMBER	TRUSS SIZE	INSUL	FIRE RATING	RATING	SOURCE	S.T.C. RATING	SOURCE
04	3.5" MIN		3 HR				

FLOOR/CEILING - 3 HR RATED CONCRETE 04

4

1 1/2" = 1'-0"

REFER TO A200E

FLOOR/CEILING - BALCONY CONCRETE

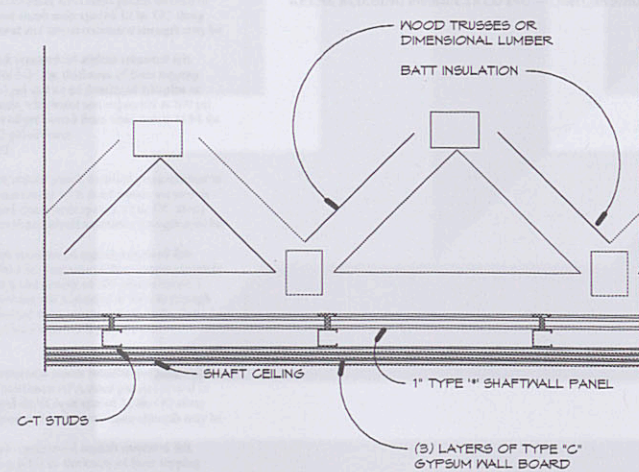
5

1 1/2" = 1'-0"

ROOF/CEILING - TYPICAL RATED 06

6

1 1/2" = 1'-0"

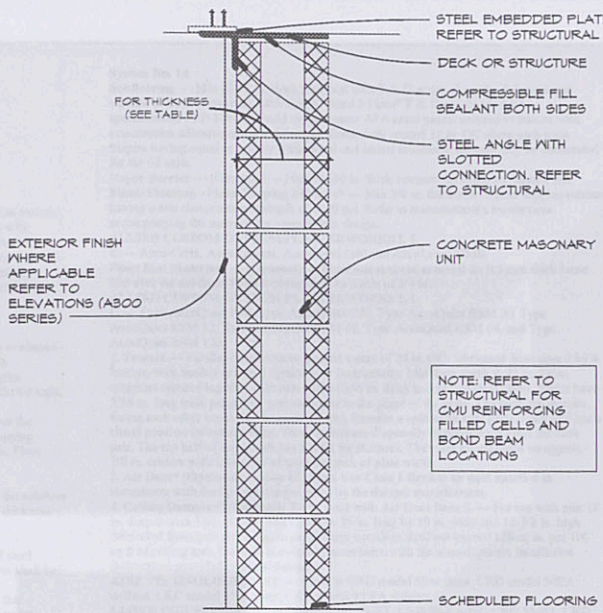


ROOF/CEILING - RATED SHAFT 03

3

1 1/2" = 1'-0"

REFER TO A200E (SHAFT CEILING ASSEMBLY)



NUMBER	STUD SIZE	WALL THICKNESS	INSUL	FIRE RATING	RATING	SOURCE	S.T.C. RATING	SOURCE
N1	8"	1'-0 5/8"		2 HR	UR5B		48	-
N2		1'-0 5/8"		2 HR				

PARTITION TYPE - N

1 1/2" = 1'-0"

CONSTRUCTION ASSEMBLIES NOTES:

- 1) The contractor shall verify all assembly information with underwriters laboratories, gypsum association, or other organizations listed in the assemblies above. To ensure proper fire ratings are maintained.
- 2) Where STC (Sound Transmission Class) ratings are indicated, sound-rated wall construction shall include the following:
 - a) Continuous flexible acoustical sealant at the bottom edge of wallboard panels.
 - b) Continuous flexible acoustical sealant or joint tape and mud at wall intersections. Seal between wallboard and dissimilar materials, such as door or window frames.
 - c) Continuous acoustical sealant or fire-caulk (as required by the assembly listing) at the top edge of the wallboard where the joint is concealed, or provide wallboard tape and mud where the top joint is exposed to view.
 - d) Flexible acoustical sealant or fire-caulk (as required by the assembly listing at all full or partial wall penetrations and around openings, flush-mounted accessories, fire extinguisher cabinets, electrical boxes, etc. Line all recesses for built-in devices such as fire extinguishers, toilet accessories, etc. with wallboard. Seal all joints.
 - e) Extend sound-rated walls through suspended ceilings and seal the joint at the structure above. Seal all penetrations above the suspended ceiling.
 - f) Extend sound-rated walls through suspended ceilings and seal the joint at the structure above. Seal all penetrations above the suspended ceiling.
- 3) Gypsum wallboard and acoustical insulation in sound-rated partitions should not be interrupted at the intersections with non-sound rated partitions. Framing and wallboard of non-sound rated construction should be continuous with the wallboard of the sound-rated wall.
- 4) Refer to the Gypsum Association Fire Resistance Design manual GA-600 - Latest Edition, Section 1 Sound Control and to Figure 12 for additional details. Follow Gypsum Association recommendations for effective sound isolation construction.
- 5) Where fire-resistant assemblies are indicated, refer to the referenced fire-tested assembly and provide the materials, brand names, products, and construction methods specified there.
- 6) At all fire-resistive walls and smoke barrier construction where a portion of the construction is concealed above suspended ceilings:
 - a) At all fire-resistive walls and smoke barrier construction where a portion of the construction is concealed above suspended ceilings, extend a note in 2 inch high red letters (or approved equal) FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS. No part along the length of the rated wall should be more than 6 feet from a extended note. Confirm the note language and spacing requirements with the Authority Having Jurisdiction before application.
 - b) Where flush-mounted electrical outlet boxes (6 square inches or less) are indicated less than 24 inches apart of opposite sides of fire-resistive construction, provide as needed, fire-retardant putty pads to wrap the electrical boxes. Putty pads will be provided to comply with building code and to conform with the requirements of the fire-tested wall assembly, and will be UL Classified "N" Opening Protective Material.
 - c) Where recessed devices are indicated in fire-resistive gypsum wallboard construction, provide light of gypsum wallboard between the studs, inside the recess - top, bottom, sides, and sides, as required to maintain the fire resistance rating indicated. Examples of recessed devices includes toilet accessories, fire extinguisher cabinets, fire hose cabinets, bath fans, recessed lights, etc. unless a rated fixture is being provided to maintain the rating of the assembly.
 - d) Exterior wall construction - All partial penetrations shall be sealed. Penetrations through the interior side of exterior walls shall be sealed air-tight to prevent air infiltration. Example - electrical box for switch or outlet. Penetrations through the exterior of exterior wall shall be sealed water-tight. Example - hose bib, conduit, or pipe.
 - e) Pipe and valve penetrations of wallboard at bathrooms and showers shall be sealed with a flame sealant with mildew-resistant properties, such as General Electric Co. "SGS 1701", or Dow Corning 785.
 - f) REFER TO EACH ASSEMBLY'S UL LISTING FOR FULL REQUIREMENTS. DEVIATIONS MAY INVALIDATE RATINGS.
 - g) REFER TO SHEET A200P & C FOR FURTHER INFORMATION ON UL ASSEMBLIES.

INSULATION REQUIREMENTS

SCHEDULE:

1. EXTERIOR WALLS - R15 UNFACED BATTS
2. WALLS SURROUNDING GARAGE - R15 UNFACED BATTS
3. LOW-SLOPE ROOF CEILING - R14 RIGID INSULATION WITH RIGID BOARD - R14 UNFACED BATT INSULATION AT CEILING
4. STEEP - SLOPE ROOF CEILING - R30 UNFACED BATT INSULATION
5. MID-FLOORS AT BUILDINGS D AND E - 9.5" THICK THERMAL OR SOUND BATT INSULATION
6. MID-FLOORS AT REMAINING BUILDINGS - FULLY FILLED WITH BLOWN INSULATION
7. BAY WINDOW FLOOR AT TRUSS - FULLY FILLED WITH BLOWN INSULATION
8. BAY WINDOW FLOOR AT PODIUM - APPLY R14 RIGID INSULATION TO UNDERSIDE OF CONCRETE - TO BE CONCEALED WITHIN SOFFIT FRAMING AT BAY WINDOW

NOTES:

1. INSULATION SHALL BE INSTALLED TO CREATE A CONTINUOUS THERMAL BARRIER AT THE FULL PERIMETER OF THE BUILDING ENVELOPE.

L R K

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Issues

Date	Issues
12.16.11	50% Design Development
01.27.12	Design Development
04.03.12	50% CD
06.08.12	PRICING SET
07.11.12	PERMIT SET

No.	Date	Revisions
1	07/11/12	Addendum One
2	10/15/12	For Construction Set

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Seal



Project Number: 01.11073.00

Project Name:

La Cantera Mixed Use

6215 Via La Cantera
San Antonio, Texas 78256

Drawing Name:

Wall and Floor Types

Drawn By: BD, MF, DS

Checked By: BD, BE

A200b