

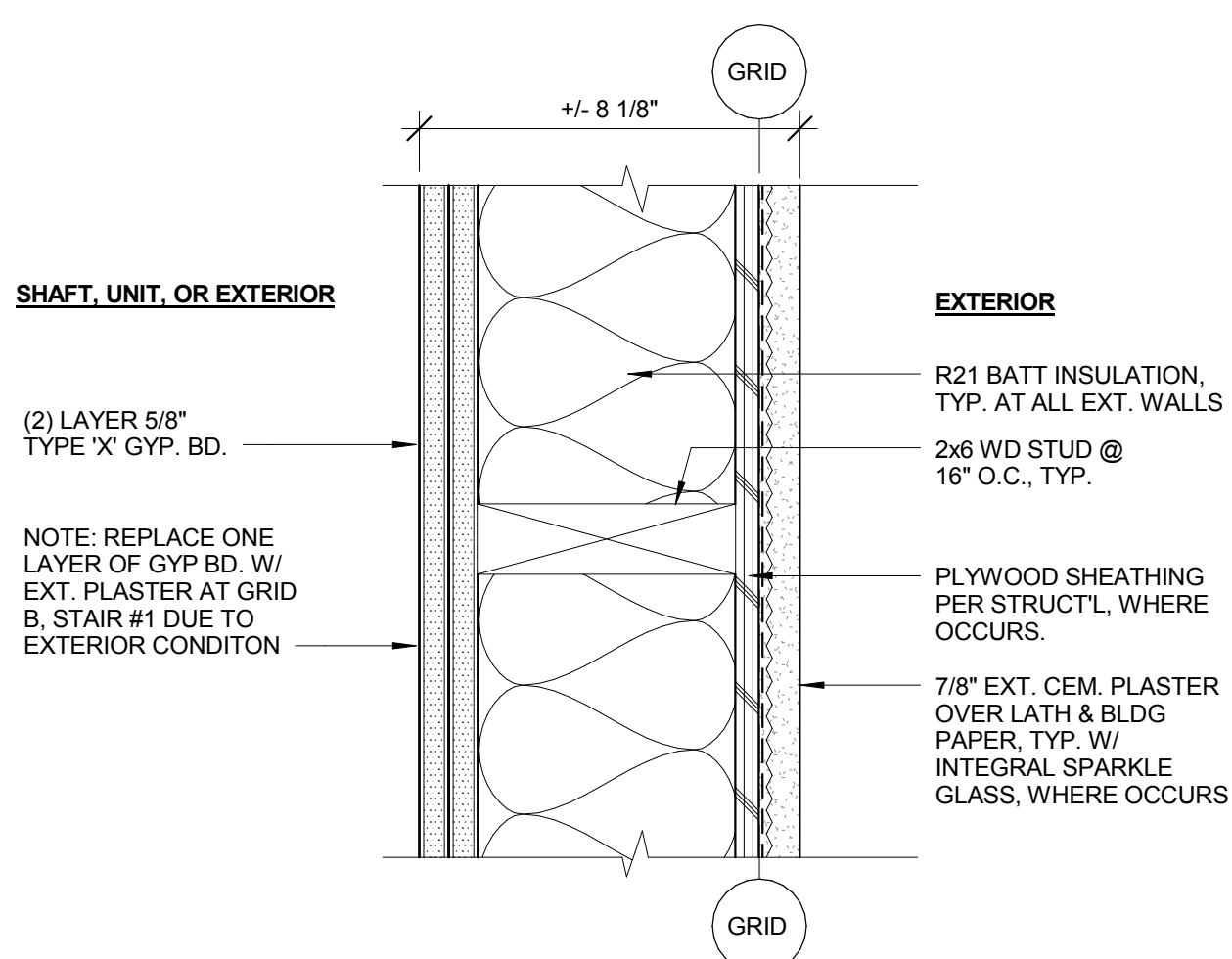
MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
15. Exterior or interior walls (continued)	15-1, 3-1	2" x 4" wood studs 16" on center with 7/8" cement plaster (measured from the face of studs) on the exterior surface with interior surface treatment as required for interior wood stud partitions in this table. Plaster mix 1:4 for scratch coat and 1:5 for brown coat, by volume, cement to sand.	—	—	—	Varies

1. Wood structural panels shall be permitted to be installed between the fire protection and the wood studs on either the interior or exterior side of the wood frame assemblies in this table, provided the length of the fasteners used to attach the fire protection is increased by an amount at least equal to the thickness of the wood structural panel.

m. For studs with a slenderness ratio, L/d , greater than 33, the design stress shall be reduced to 75 percent of allowable F_b . For studs with a slenderness ratio, L/d , not exceeding 33, the design stress shall be reduced to 75 percent of the adjusted stress F_b calculated for studs having a slenderness ratio, L/d , of 33.

1-HR EXT. WD. STUD WALL AT PLUMBING

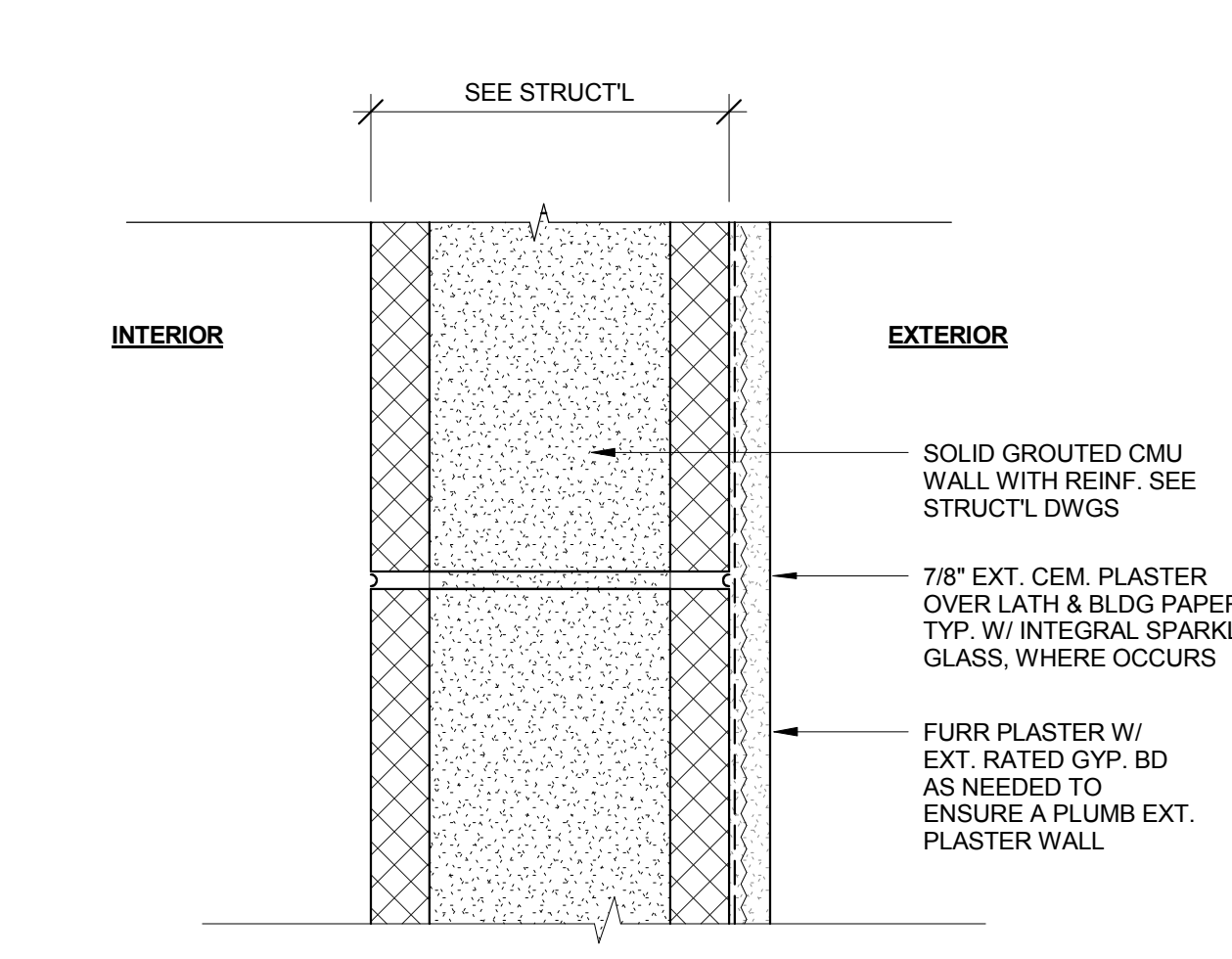
REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
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2-HR EXT. WD. STUD WALL W/ CEM. PLASTER

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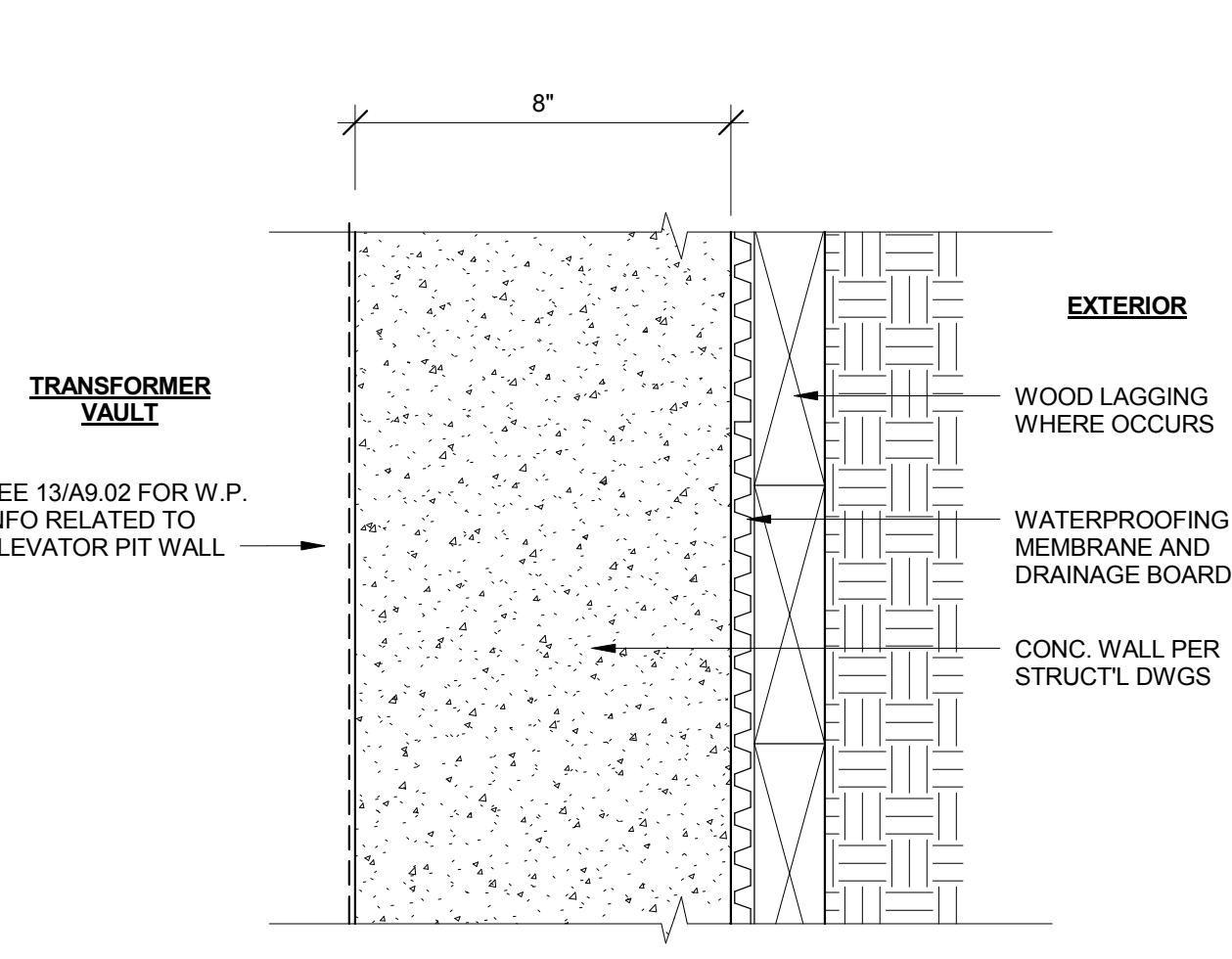
4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 3-1.1

NOTE: FOR 6" CMU

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
3. Concrete masonry units	3-1.1 ^a	Expanded slag or pumice.	4.7	4.0	3.2	2.1
	3-1.2 ^a	Expanded clay, shale or slate.	5.1	4.4	3.6	2.6
	3-1.3 ^a	Limestone, cinders or air-cooled slag.	5.9	5.0	4.0	2.7
	3-1.4 ^a	Calcareous or siliceous gravel.	6.2	5.3	4.2	2.8

1-HR OR 2-HR (WHERE NOTED) 8" CMU WALL W/ STUCCO

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"

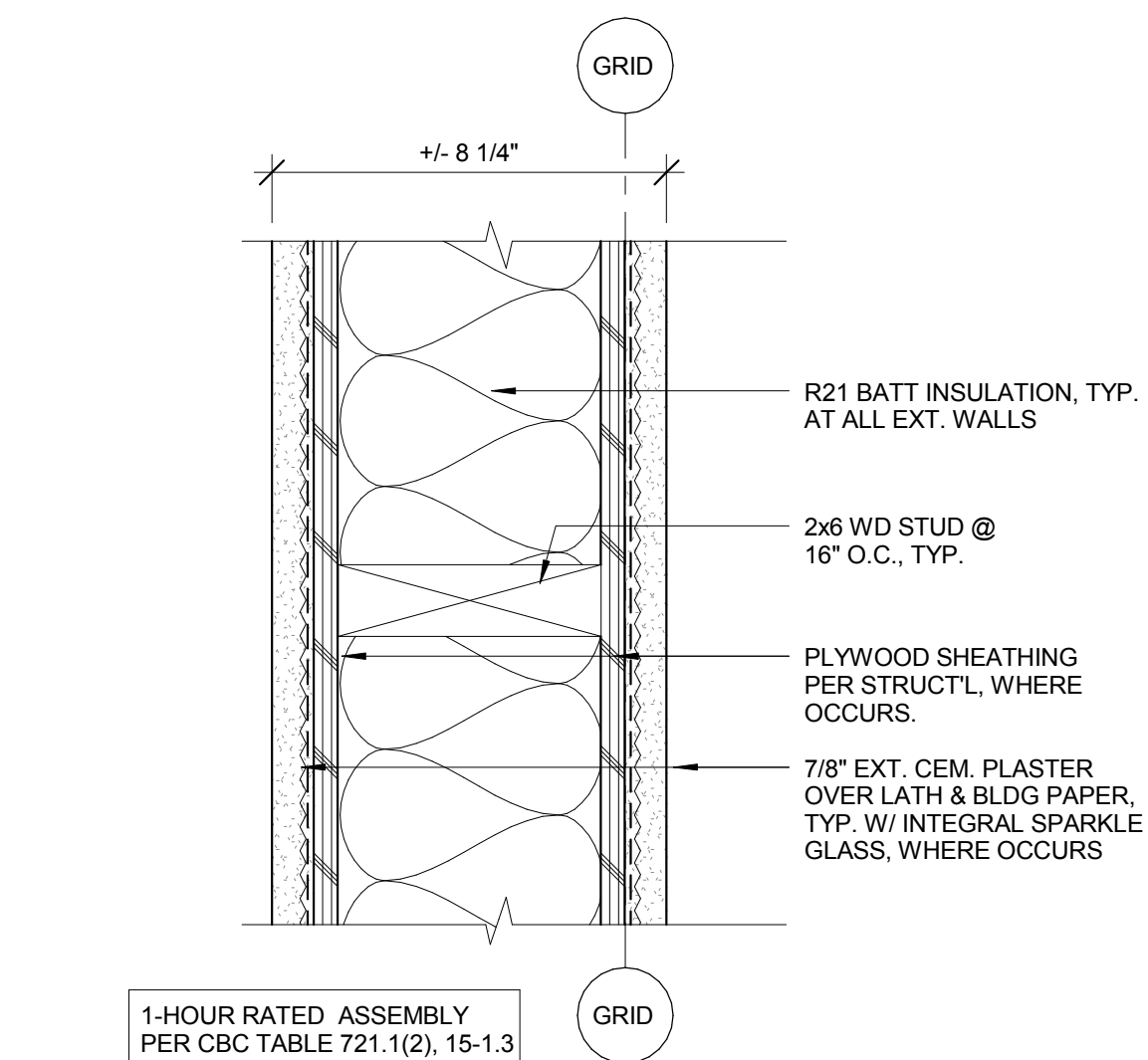


4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 4-1.1

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
4. Solid concrete ^{b,1}	4-1.1	Siliceous aggregate concrete.	7.0	6.2	5.0	3.5
		Carbonate aggregate concrete.	6.6	5.7	4.6	3.2
		Sand lightweight concrete.	5.4	4.6	3.8	2.7
		Lightweight concrete.	5.1	4.4	3.6	2.5

CONC. WALL @ BELOW GRADE

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



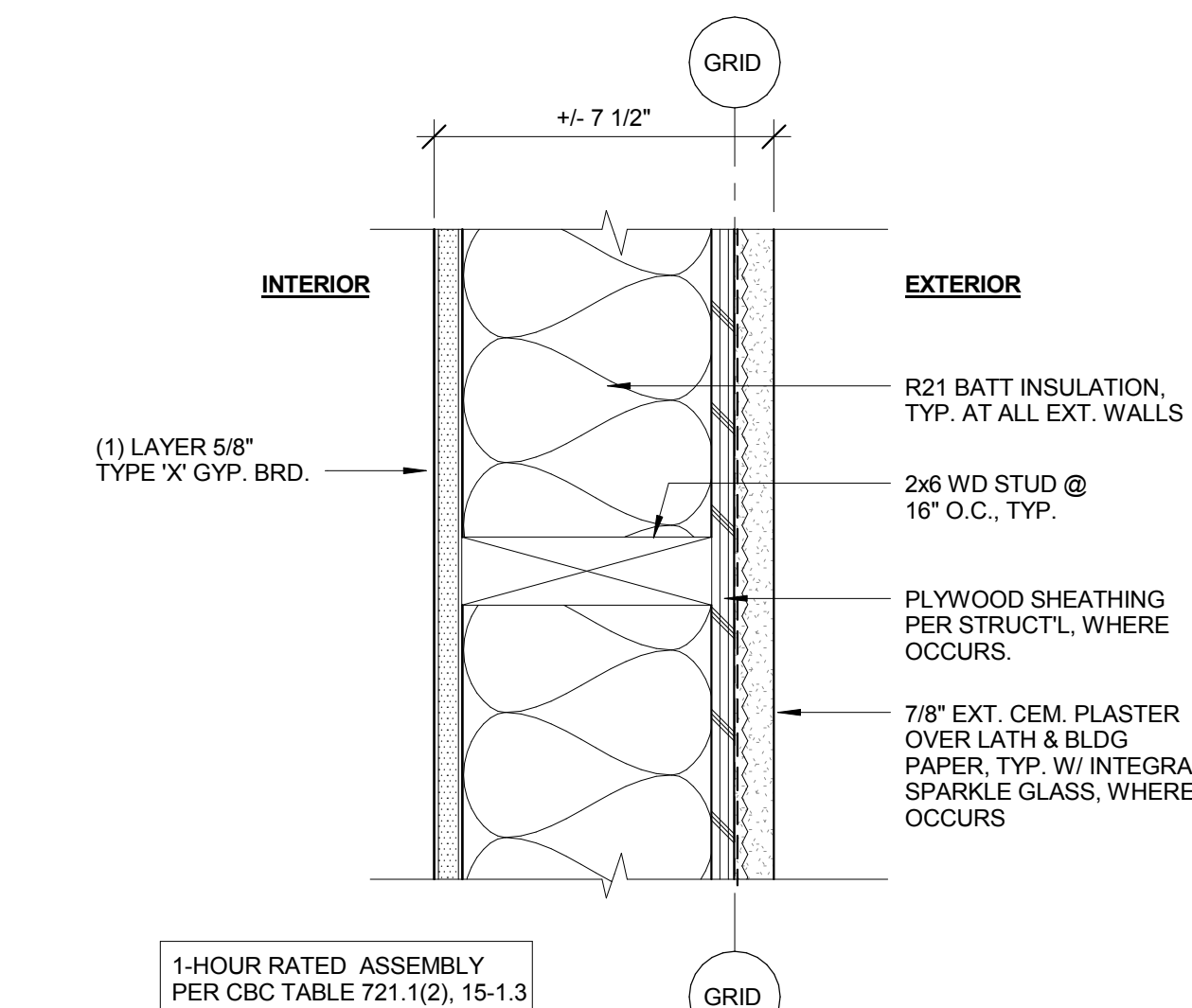
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1-HR EXT. WD. STUD WALL W/ CEM. PLASTER

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



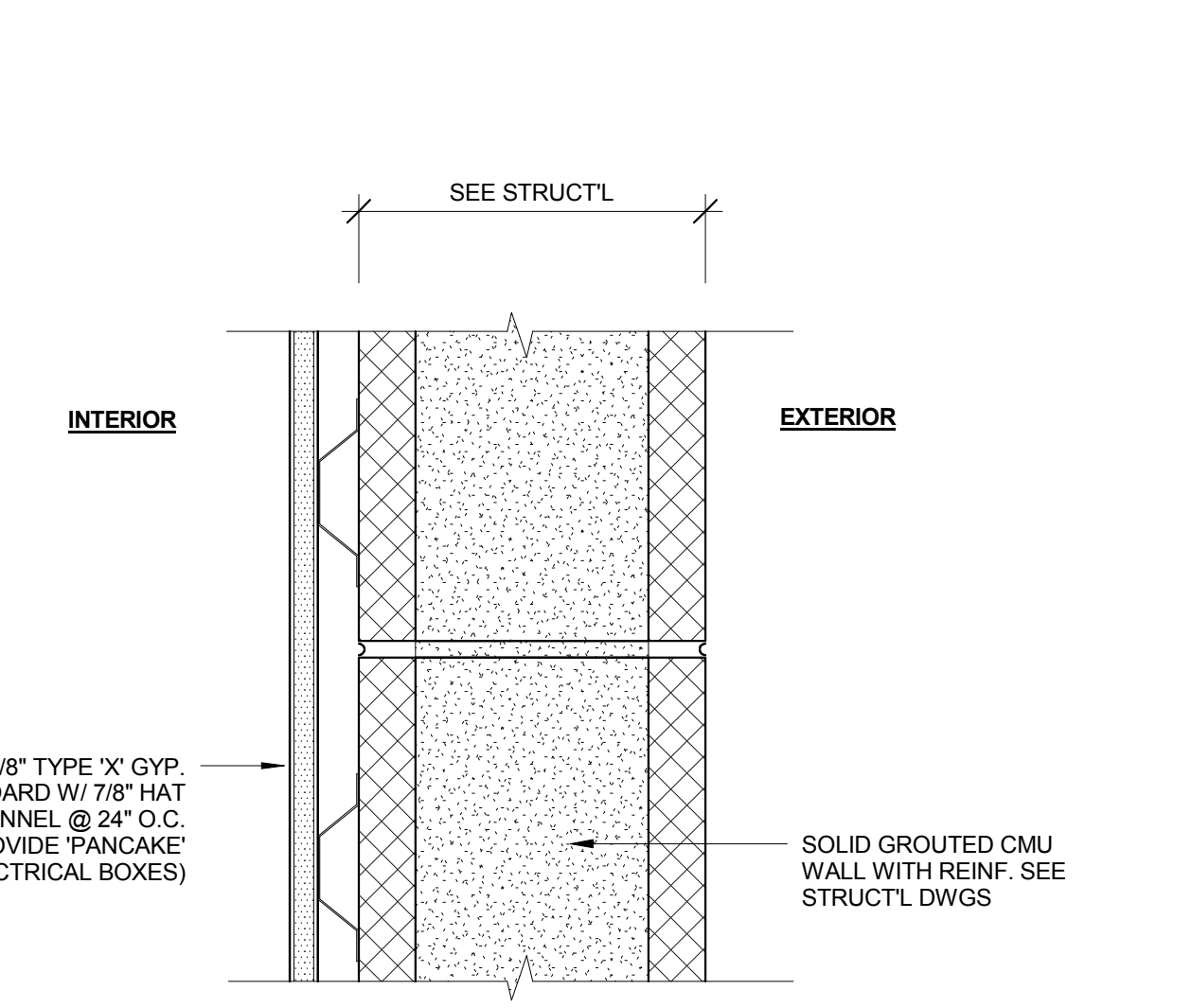
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1-HR EXT. WD. STUD WALL W/ CEM. PLASTER

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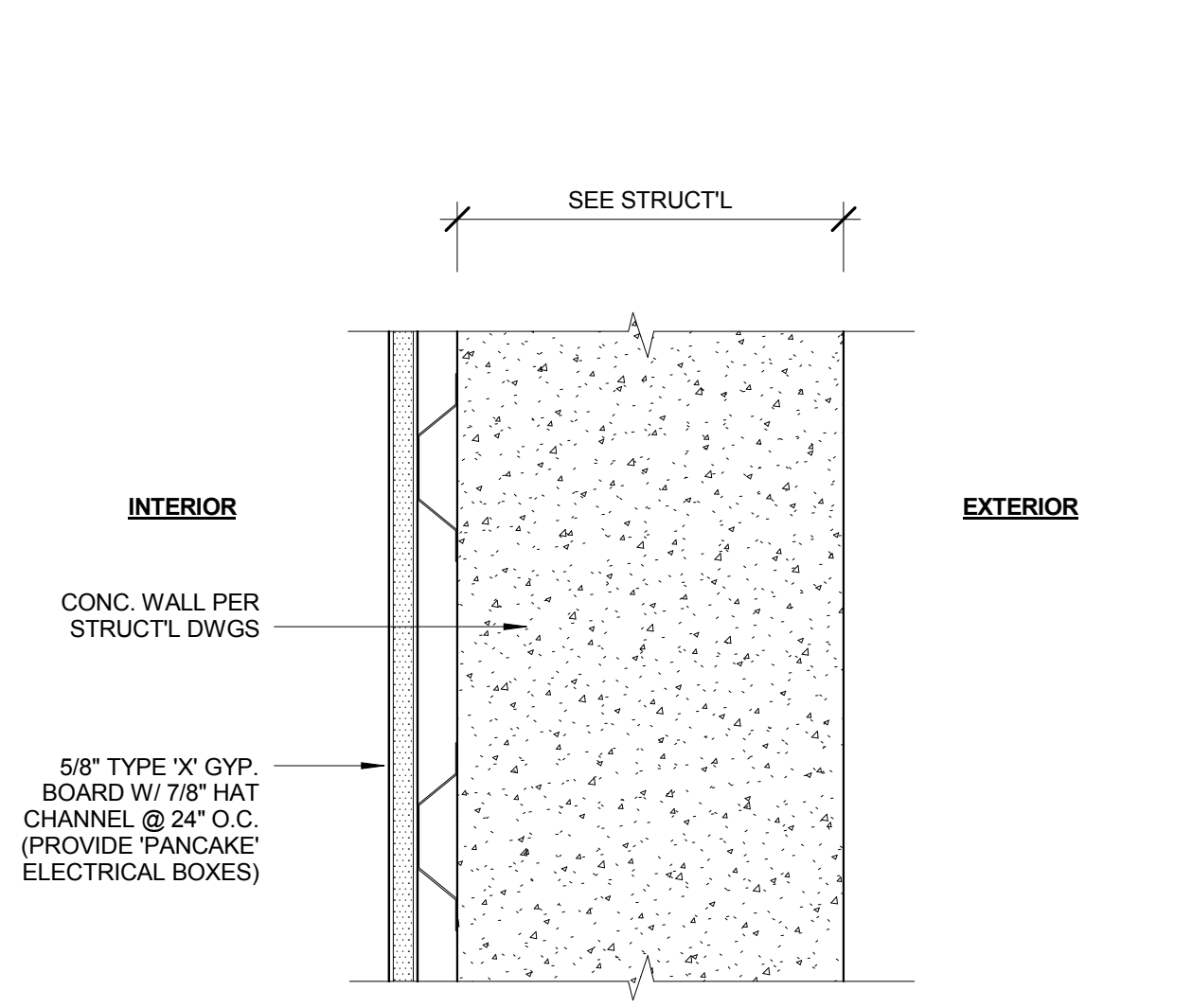
4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 3-1.1

NOTE: FOR 6" CMU

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
3. Concrete masonry units	3-1.1 ^a	Expanded slag or pumice.	4.7	4.0	3.2	2.1
	3-1.2 ^a	Expanded clay, shale or slate.	5.1	4.4	3.6	2.6
	3-1.3 ^a	Limestone, cinders or air-cooled slag.	5.9	5.0	4.0	2.7
	3-1.4 ^a	Calcareous or siliceous gravel.	6.2	5.3	4.2	2.8

1-HR OR 2-HR (WHERE NOTED) 8" CMU WALL W/ GYP

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"

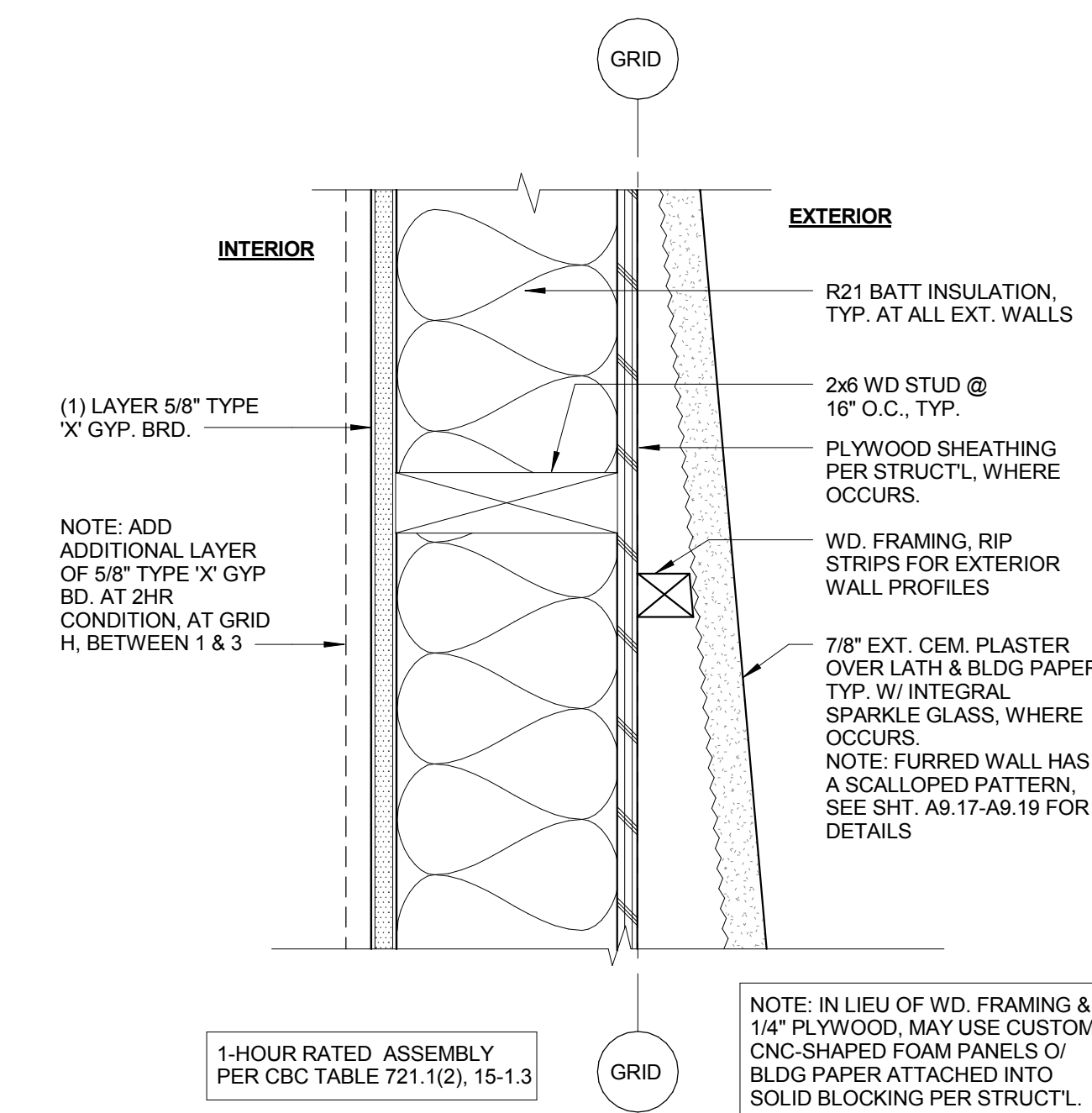


4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 4-1.1

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
4. Solid concrete ^{b,1}	4-1.1	Siliceous aggregate concrete.	7.0	6.2	5.0	3.5
		Carbonate aggregate concrete.	6.6	5.7	4.6	3.2
		Sand lightweight concrete.	5.4	4.6	3.8	2.7
		Lightweight concrete.	5.1	4.4	3.6	2.5

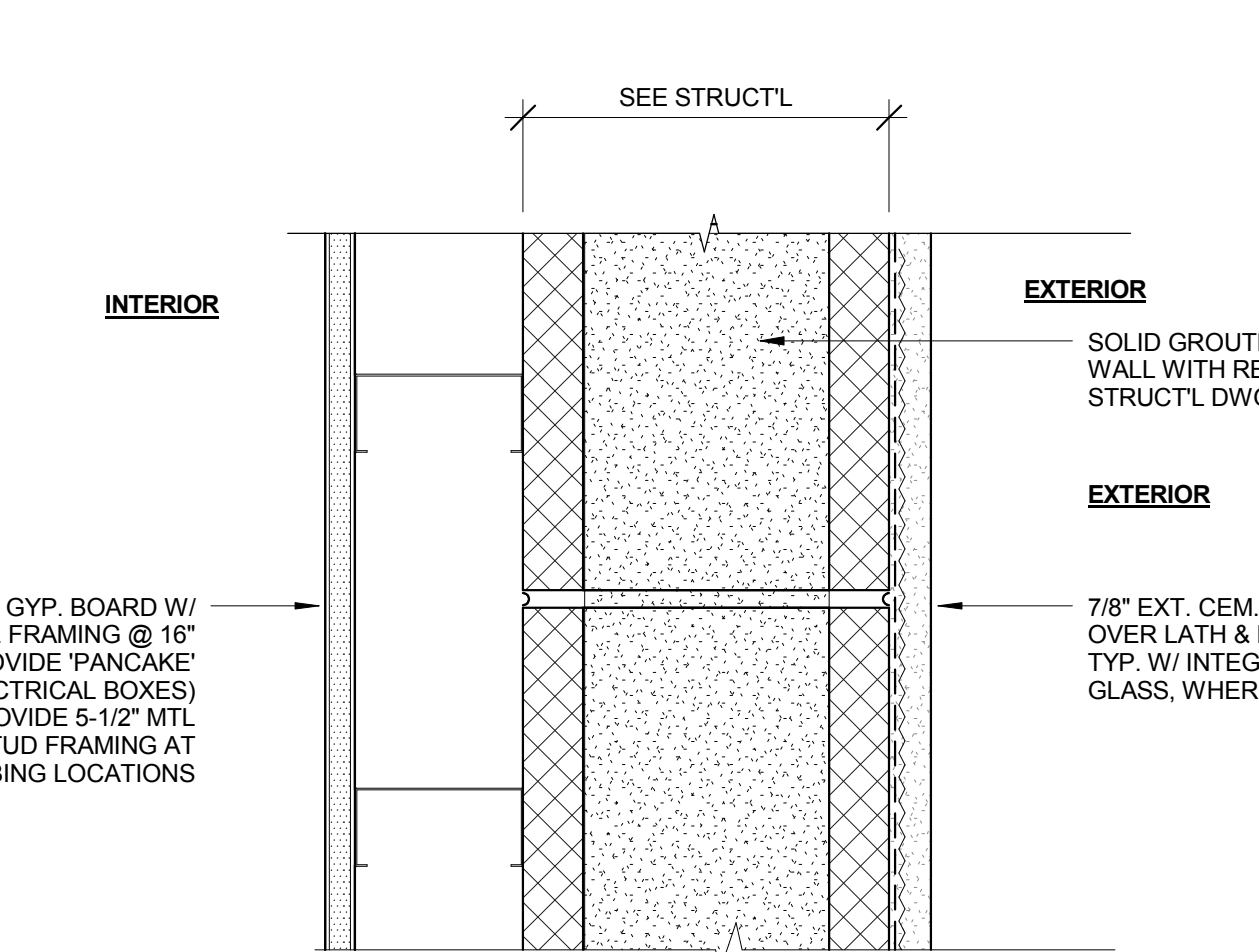
1-HR CONC. WALL W/ GYP

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



1-HR EXT. WD. STUD WALL W/ SCALLOP PLASTER

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"

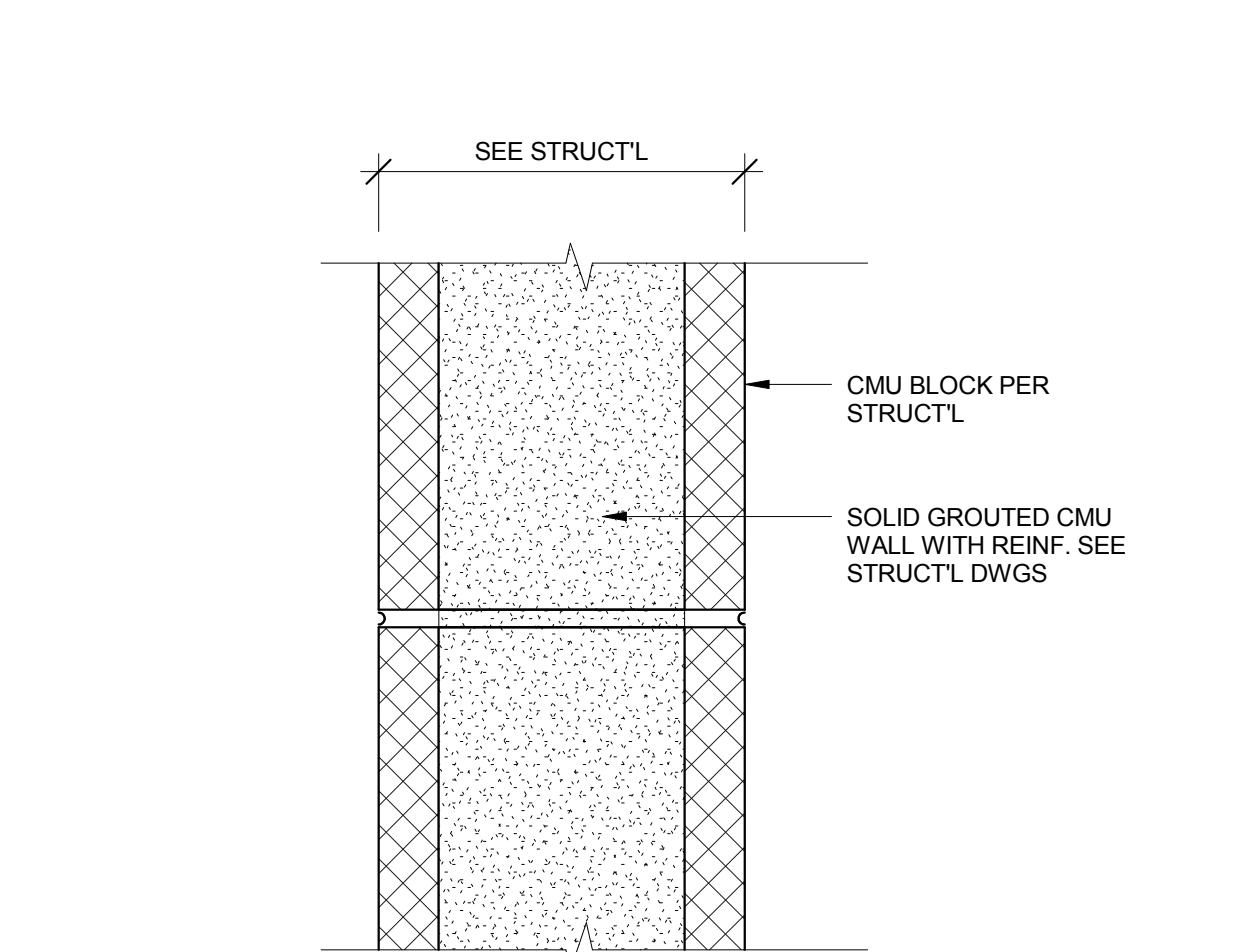


NOTE: FOR 6" CMU

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
3. Concrete masonry units	3-1.1 ^a	Expanded slag or pumice.	4.7	4.0	3.2	2.1
	3-1.2 ^a	Expanded clay, shale or slate.	5.1	4.4	3.6	2.6
	3-1.3 ^a	Limestone, cinders or air-cooled slag.	5.9	5.0	4.0	2.7
	3-1.4 ^a	Calcareous or siliceous gravel.	6.2	5.3	4.2	2.8

8" CMU WALL W/ STUCCO & GWB FURRING FOR PLUMBING

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"

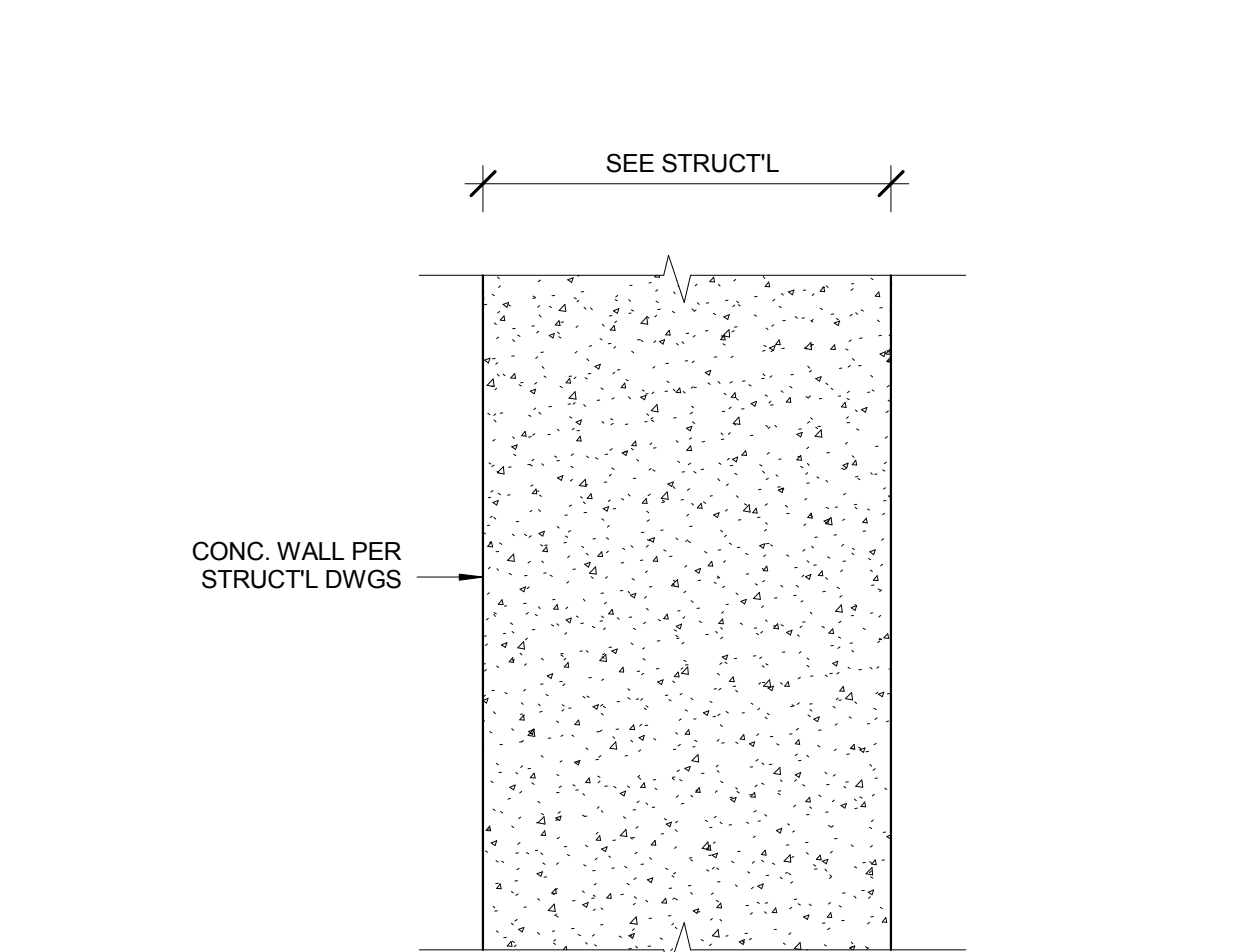


NOTE: FOR 6" CMU

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
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3. Concrete masonry units	3-1.1 ^a	Expanded slag or pumice.	4.7	4.0	3.2	2.1
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	3-1.3 ^a	Limestone, cinders or air-cooled slag.	5.9	5.0	4.0	2.7
	3-1.4 ^a	Calcareous or siliceous gravel.	6.2	5.3	4.2	2.8

1-HR OR 2-HR (WHERE NOTED) 8" CMU WALL

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 4-1.1

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^a (inches)			
			4 hours	3 hours	2 hours	1 hour
4. Solid concrete ^{b,1}	4-1.1	Siliceous aggregate concrete.	7.0	6.2	5.0	3.5
		Carbonate aggregate concrete.	6.6	5.7	4.6	3.2
		Sand lightweight concrete.	5.4	4.6	3.8	2.7
		Lightweight concrete.	5.1	4.4	3.6	2.5

1-HR OR 2-HR (WHERE NOTED) CONC. WALL

REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"

KEYNOTES

NOTE: ITEMS IDENTIFIED ARE TYPICAL TO ALL LIKE ITEMS UNLESS NOTED OTHERWISE

01 - GENERAL REQUIREMENTS		10.05 SHOWER CURTAIN ROD
		10.06 TOWEL BAR
		10.07 ROBE HOOK
		10.08 RECESSED MEDICINE CABINET, W/ FLUSH PAINTED DOOR
02 - NOT USED		
03 - CONCRETE		
3.01	CONC. SLAB ON GRADE, LIGHT BROOM FINISH AT PARKING GARAGE, TYP.	10.09 FIRE EXTINGUISHER, SURFACE MOUNT IN GARAGE, RECESSED CABINET ELSEWHERE
3.02	PRE-CAST CONC. STAIR TREADS/LANDING	
3.03	CONC. STRUCT. SLAB, SLOPE TO DRAIN AT INDICATED AREAS, BUFF PLAT/SMOOTH AND CLEAR SEAL AT LOBBY AND COMMERCIAL SPACES	10.10 RECESSED, EXTERIOR UNIT ENTRY INTERCOM SYSTEM AND MOUNTING HARDWARE
3.04	CONC. WALL	10.11 GRAB BAR
3.05	CONC. COLUMNS	11 - EQUIPMENT/APPLIANCES (SEE EQMT. SCHEDULE)
3.06	CONC. FOUNDATION	11.01 REFRIGERATOR, CFCI
3.07	CONC. GUARDRAIL, 3'-7" HIGH	11.02 GAS RANGE/OVEN, CFCI
3.08	CONC. STAIR/STEPS	11.03 KITCHEN RANGE EXHAUST HOOD, CFCI
3.09	6" TALL X 6" U.N.O. WIDE CONC. CURB	11.04 DISHWASHER, CFCI
3.10	CONC. WHEEL STOP	11.05 CLOTHES WASHER, OFCI
3.11	CONC. PLANTER	11.06 DRYER, OFCI
		11.07 TRASH CHUTES, LABEL AS 'REFUSE' AND 'RECYCLABLES'
04 - MASONRY		12 - FURNISHINGS
4.01	CMU WALL PER STRUCT.	12.01 VERTICAL WINDOW SHADE SLATS, WHITE, TYP. @ ALL UNITS
4.02	NON-BEARING CMU WALL W/ 2" CMU CAP @ EXTERIOR LOCATION	12.02 ROLLING WINDOW SHADE, SEE DETAIL
05 - METALS		12.03 BICYCLE RACKS FOR LONG TERM BIKE STORAGE
5.01	STEEL COLUMN, SEE STRUCTURAL	12.04 BICYCLE RACK FOR SHORT TERM BIKE PARKING
5.02	STEEL TRELLIS, SEE STRUCTURAL	12.05 FURNITURE, NIC
5.03	STEEL STAIR CHANNEL STRINGERS/SOLID RISER	13 - SPECIAL CONSTRUCTION (NOT USED)
5.04	STEEL PIPE HANDRAIL, PAINTED	
5.05	8" DIA. CONCRETE FILLED GALV. PIPE BOLLARD PER 9A.31	14 - CONVEYING EQUIPMENT
5.06	GUARDRAIL, PAINTED, MIN 3'-6" HIGH ABOVE FINISH DECK, SEE DETAILS	14.01 THYSSENKRUPP ENDURA HOLELESS HYDRAULIC ELEVATOR, 3,500 LBS., 150 FPM
5.07	2x6 MTL. STUD FURRED PLUMBING WALL	
5.08	METAL STUD WALL FRAMING, TYP. @ GROUND FLOOR	21 - FIRE SUPPRESSION
06 - WOODS & PLASTIC		21.01 NFPA 13 FIRE SPRINKLER RISER AT EACH STAIR, RECESSED
6.01	WOOD POST	21.02 FIRE SPRINKLER HORIZ. MAIN (SEE DIAGRAM)
6.02	WOOD BEAMJOIST	21.03 ROUND FIRE ALARM BELL, ARCHITECT SHALL APPROVE FINAL LOCATION
6.03	WOOD WALL FRAMING WITH PLY SHEAR WHERE OCCURS	21.04 FIRE DEPARTMENT MAIN CONNECTION @ FRONT OF PROJECT, ARCHITECT SHALL APPROVE FINAL LOCATION
6.04	WOOD 1" UP FLOOR JOIST	21.05 FD ANNUNCIATOR PANEL
6.05	MIN. 5/8" PLY OVER 2x6 WD RIP STRIPS FOR ROOF SLOPE AND/OR CRICKET	22 - PLUMBING
6.06	RUBBER WALL BASE	22.01 MOP SINK
6.07	SOLID SURFACE COUNTERTOP BY 'LG HI-MACS', BLACK TYP. @ KITCHENS, BATHROOMS, AND LAUNDRY ROOM	22.02 KITCHEN SINK/FAUCET
6.08	WOOD WALL BASE, PAINTED	22.03 LAV. SINK/FAUCET
6.09	WOOD CABINETS, BEECH FACES, SOLID FLAT DOORS, EUROPEAN CONCEALED HINGES AND SELF-CLOSE DRAWERS. CASEWORK SHALL BE 'CUSTOM GRADE' FOR MATERIAL, HARDWARE, JOINERY AND INSTALLATION, TYP.	22.04 PRE-FAB FIBERGLASS BATHTUB
6.10	WOOD MDF SHELF	22.05 BATH TUB/FAUCET
6.11	WOOD POLE CLOTHES ROD, DOUGLAS FIR, 1-3/8" DIA, PAINTED	22.06 SHOWER HEAD AND CONTROLS
07 - THERMAL & MOISTURE PROTECTION		22.07 ULTRA-LOW FLOW TOILET
7.01	DECK COATINGS OVER STRUCTURAL SLAB OR FLYWOOD	22.08 BOILER PER PLUMBING DWGS
7.02	THERMAL BATT INSULATION, R-21MIN @ WALLS, R-38 MIN @ ROOF	22.09 HOT WATER TANK PER PLUMBING DWGS
7.03	W.P. MEMBRANE	22.10 ROOF DRAIN OVERFLOW DAYLIGHT SCUPPER, REFER TO DETAIL 11/9A.02
7.04	VAPOR PERMEABLE MEMBRANE AIR BARRIER AT EXTERIOR WALLS, TYP.	22.11 FLOOR DRAIN
7.05	SINGLE-PLY PVC WHITE SHEET ROOFING.	22.12 PLUMBING VENT PIPE
7.06	FLOOR OR DECK DRAIN	23 - HEATING, VENTILATING, AND AIR-CONDITIONING
7.07	SCUPPER	23.01 HVAC UNIT PER MECH
7.08	UNDERSLAB MOISTURE VAPOR BARRIER	23.02 AIR REGISTER WALL MOUNTED
7.09	ROOF DRAIN	23.03 CEILING AIR REGISTER
7.10	18 GA. 'BONDERIZED' METAL COPING, PTD, TYP. AT ALL FRAMED PARAPETS	23.04 KITCHEN HOOD EXHAUST DUCT
7.11	PLASTER CONTROL JOINT PER DETAIL	23.05 ENERGY STAR RATED BATHROOM EXHAUST FAN PER SPECS
08 - OPENINGS (SEE DOOR/WINDOW SCHEDULE)		23.06 BATHROOM EXHAUST DUCT
8.01	VINYL WINDOW, PER SPECS	23.07 MECH. EXHAUST LOUVER, PER MECH.
8.02	ALUM. STOREFRONT, PER SPECS.	26 - ELECTRICAL
8.03	TRANSOM WINDOW, PER SPECS.	26.01 ROOF AREA FOR FUTURE SOLAR SYSTEM PER 2016 CBC SECT. 110.10.0(b) PROVIDE CONDUIT TO ROOF FOR FUTURE SOLAR SYSTEM
8.04	ALUM. STOREFRONT DOOR, PER SPECS	26.02 FUTURE ELECTRICAL VEHICLE CHARGING STATION
8.05	STL. DOOR & FRAME, PER SPECS.	26.03 ELEC. PANEL PER PLANS & SCHEDULE
8.06	SLIDING DOOR, PER SPECS	26.04 EXTERIOR LIGHT PER SCHEDULE
8.07	SOLID WOOD DOOR, SPEC SPECS	26.05 EXTERIOR LIGHT PER SCHEDULE
8.08	INTERIOR WOOD DOOR, PER SPECS	27 - COMMUNICATION
8.09	CLOSET DOOR, PTD.	
8.10	ACCESS PANEL, COLOR AND MATERIAL SHALL MATCH EXTERIOR MATERIAL	28 - ELECTRONIC SAFETY AND SECURITY
8.11	DOOR HARDWARE SET PER SCHEDULE	28.01 SMOKE ALARM
8.12	EXTERIOR WALL VENT CAP	28.02 SECURITY CAMERA
8.13	EXTERIOR WALL LEUVER	28.03 FIRE ALARM BELL PANEL, ARCHITECT SHALL APPROVE FINAL LOCATION
09 - FINISHES (SEE FINISH SCHEDULE)		31 - EARTHWORK
9.01	NOT USED	31.01 APPROVED COMPACT FILL PER GEO AND SOIL ENGINEER REPORT
9.02	7/8" PERFORATED CORRUGATED MTL. ALUM. PANELS, PTD.	32 - EXTERIOR IMPROVEMENTS
9.03	7/8" INTER. INTER. EXTER. CEMENT PLASTER OVER MTL. LATH & BUILDING PAPER, SEE ELEVATIONS/DETAILS FOR SPARKLE, POSITIVE AND DURABLE SCALLOPPING	32.01 NEW CONCRETE SIDEWALK
9.04	5/8" TYP. X GYP BOARD, TYP. PROVIDE AS EXTERIOR OR WET RATED AS REQUIRED	32.02 PARKING STALL STRIPING PER CITY OF LA REQUIREMENTS
9.05	NOT USED	32.03 EPOXY STORM WATER SEWER, SEE CIVIL
9.06	VINYL PLANK FLOORING	32.04 STEEL SECURITY GATE, PTD.
9.07	CERAMIC TILE	32.05 STEEL SECURITY FENCE, PTD.
9.08	GRAFFITI COATING, TYP. @ ALL EXTERIOR SOLID WALLS FROM GRADE TO 2' AND FLOOR DECK	32.06 EXTERIOR PLUMBING RAN
9.09	2" X 2" ACOUSTICAL SUSPENDED CEILING SYSTEM	32.07 MOTOORIZED STL. OVERHEAD GATE
9.10	SUSPENDED GYP. BOARD CEILING	32.08 IPE WOOD STL.
10 - SPECIALTIES (SEE SPECS/ACCESSORY SCHEDULE)		32.09 TREE, SEE LANDSCAPE DRAWINGS
10.01	MIRROR, WALL MOUNTED	32.10 PAINTINGS, SEE LANDSCAPE DRAWINGS
10.02	SIGNAGE	33 - UTILITIES
10.03	MAILBOXES, FRONT LOAD, RECESSED, PROVIDE FOR 3S UNITS PLUS 2 COMM. TOILET PAPER ROLL HOLDER	33.01 WATER METER
		33.02 GAS METER, PROTECT W/ BOLLARDS AS REQUIRED
		33.03 ELECTRIC METERS
		33.04 DOMESTIC WATER BACKFLOW PREVENTER
		33.05 GAS METER BACKFLOW PREVENTER
		33.06 IRRIGATION BACKFLOW PREVENTER
		33.07 ELECTRICAL TRANSFORMER IN UNDERGROUND VAULT
		33.08 SUMP PUMP PER CIVIL