

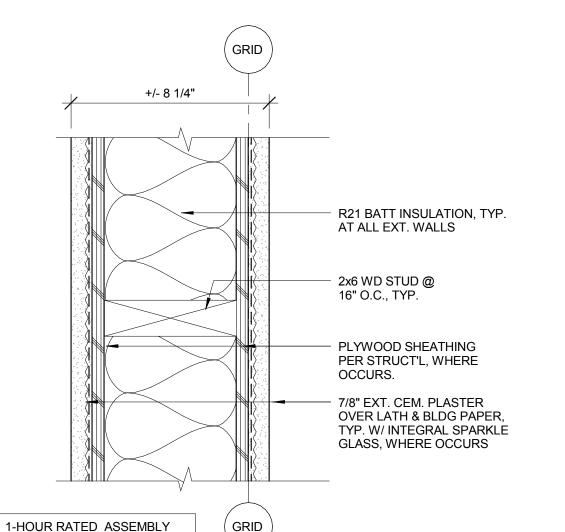
MINIMUM FINISHED THICKNESS FACE-TO-FACE^b (inches) MATERIAL CONSTRUCTION 4 3 2 1 hour hours hours hours \times 4" wood studs 16" on center with $^{7}/_{8}$ " cement ister (measured from the face of studs) on the 15. Exterior or exterior surface with interior surface treatment as interior walls required for interior wood stud partitions in this (continued) table. Plaster mix 1:4 for scratch coat and 1:5 for I. 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

m. For studs with a slenderness ratio, I_e/d , greater than 33, the design stress shall be reduced to 78 percent of allowable F_c . For studs with a slenderness ratio, l_{ϱ}/d , not exceeding 33, the design stress shall be reduced to 78 percent of the adjusted stress F_{ϱ} calculated for study having

1-HR EXT. WD. STUD WALL AT C5 **PLUMBING**

amount at least equal to the thickness of the wood structural panel.

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



MATERIAL	ITEM	CONSTRUCTION			MINIMUM FINISHED THICKN FACE-TO-FACE ^b (inches)		
MATERIAL	NUMBER	CONSTRUCTION	10000	3 hours	2 hours	1 hour	
15. Exterior or interior walls (continued)	15-1.3 ^{l, m}	2" × 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	

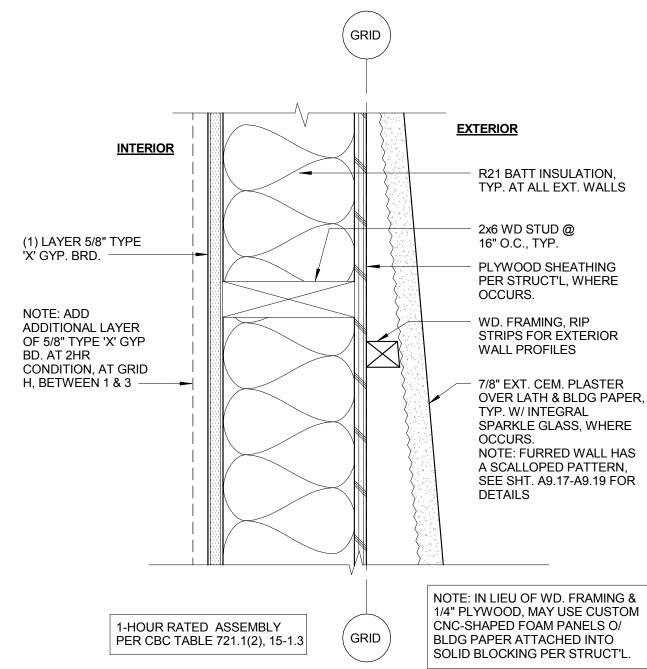
PER CBC TABLE 721.1(2), 15-1.3

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

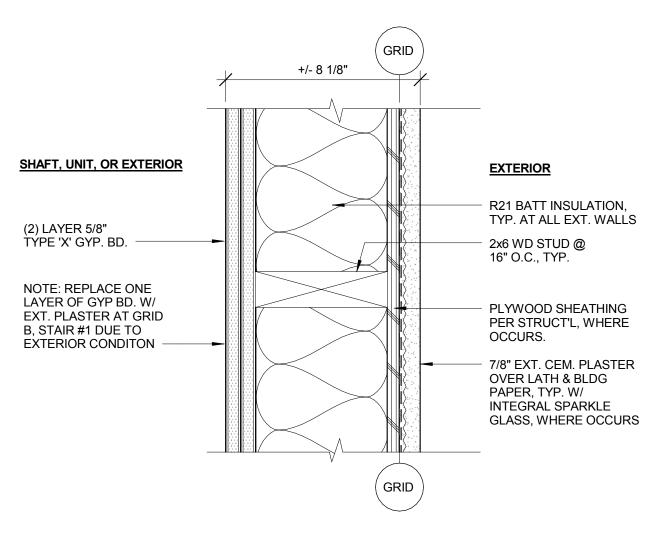
m. For studs with a slenderness ratio, $I_{\rm e}/d$, greater than 33, the design stress shall be reduced to 78 percent of allowable $F_{\rm e}$. For studs with a slenderness ratio, l_e/d , not exceeding 33, the design stress shall be reduced to 78 percent of the adjusted stress F_e calculated for study having a sienderness ratio l_e/d of 33.

1-HR EXT. WD. STUD WALL W/ C4 CEM. PLASTER

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



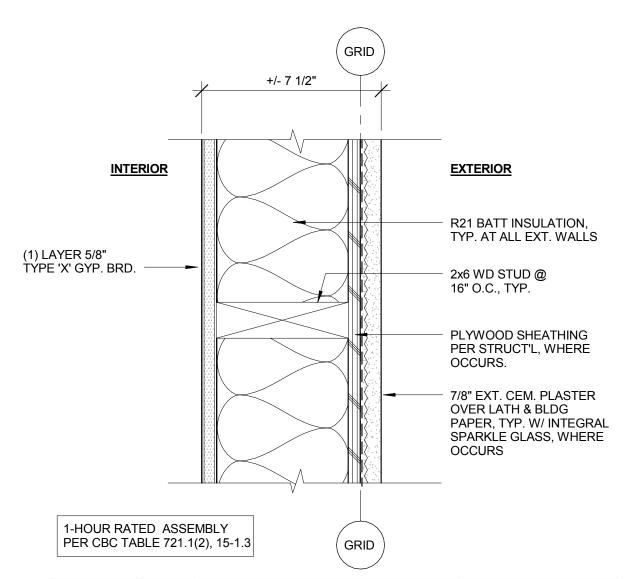
1-HR EXT. WD. STUD WALL W/ C3 SCALLOP PLASTER



GA FILE NO. WP 8420	GENERIC	2 HOUR	
WOOD STUDS, CEMENT	STUCCO, WIRE MESH,	FIRE	
GYPSUM WA EXTERIOR SIDE: Base layer 5/8" type X qy			FIRE SIDE
retardant treated wood studs 16" o.c. with 60			e to it is to be the
1/4" heads, 12" o.c. and covered with a singl		<u> </u>	nonatinatinonnonnonnon
retarder paper stapled along each edge at 1			M
applied over sheathing with 8d galvanized ro heads, 6" o.c. Cement-stucco applied over w			N
bonding agent applied between coats.	no moon in the n2 and code man		
INTERIOR SIDE: Base layer 5/8" type X gyr	sum wallboard or gypsum veneer base		
	, 1 7/8" long, 0.0915" shank, 1/4" heads, 12"	Thickness:	8 5/8"
o.c. Face layer 5/8" type X gypsum wallboar		Fire Test:	UC. 12-21-67

2-HR EXT. WD. STUD WALL W/ C2 CEM. PLASTER

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



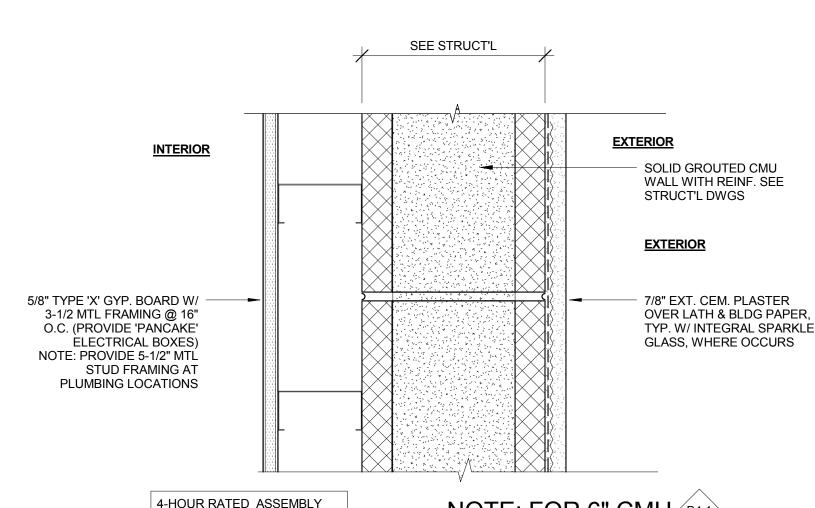
MATERIAL	ITEM NUMBER			MINIMUM FINISHED TH FACE-TO-FACE ^b (inc				
		CONSTRUCTION	4 hours	3 hours	2 hours	1 hou		
15. Exterior or interior walls (continued)	15-1.3 ^{l, m}	2" × 4" wood studs 16" on center with ⁷ / ₈ " cement plaster (measured from the face of studs) on the exterior surface with interior 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		

m. For studs with a slenderness ratio, I_c/d , greater than 33, the design stress shall be reduced to 78 percent of allowable F_c . For studs with a slenderness ratio, I_e/d , not exceeding 33, the design stress shall be reduced to 78 percent of the adjusted stress F_c calculated for studs having a sienderness ratio l_e/d of 33.

1-HR EXT. WD. STUD WALL W/ C1 CEM. PLASTER

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

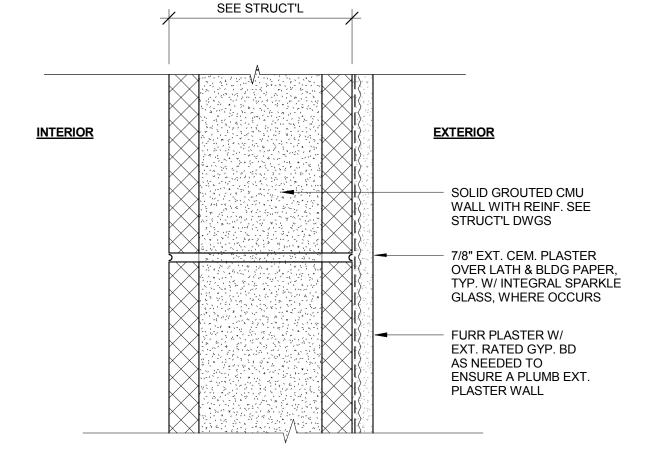
amount at least equal to the thickness of the wood structural panel.



MATERIAL	ITEM		CONSTRUCTION	100000000000000000000000000000000000000		SHED TH	
MATERIAL	NUMBER		SNSTRUCTION	4 hours	3 hours	2 hours	1 hour
3. Concrete	3-1.1 ^{f, g}	Expanded slag or pu	mice.	4.7	4.0	3.2	2.1
	3-1.2 ^{f, g}	Expanded clay, shale	or slate.	5.1	4.4	3.6	2.6
masonry units	3-1.3 ^f	Limestone, cinders o	ed slag or pumice. 4 3 hours hours h	4.0	2.7		
	3-1.4 ^{f, g}	Calcareous or siliceo	us gravel.	4 hours 4.7 e. 5.1 oled slag. 5.9	5.3	4.2	2.8
	_						

8" CMU WALL W/ STUCCO & (B4) GWB FURRING FOR PLUMBING

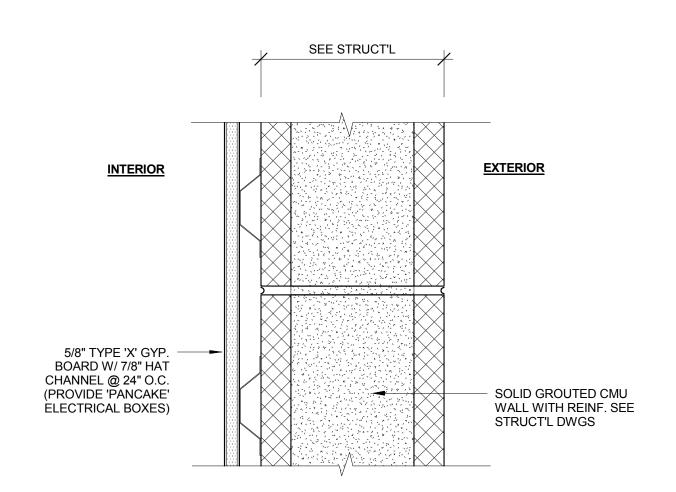
REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 3-1.1		NOTE	:: FOR 6	6" CI	MU ·	B3.1				
	ITEM		CONSTRUCTION	MINIMUM FINISHED THICKNE FACE-TO-FACE ^b (inches)						
MATERIAL	NUMBER		CONSTRUCTION	4 hours	3 hours	2 hours	1 hour			
	3-1.1 ^{f, g}	Expanded	slag or pumice.	4.7	4.0	3.2	2.1			
3. Concrete masonry units	3-1.2 ^{f, g}	Expanded	clay, shale or slate.	5.1	4.4	3.6	2.6			
	3-1.3 ^f	Limestone	e, cinders or air-cooled slag.	5.9	5.0	4.0	2.7			
	3-1.4 ^{f,} g	Calcareou	s or siliceous gravel.	6.2	5.3	4.2	2.8			

1-HR OR 2-HR (WHERE NOTED) B3 8" CMU WALL W/ STUCCO

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



4-HOUR RA PER CBC TA			NOTE	:: FOR 6	" CN	⁄UV ⟨	B2.1			
	ITEM		CONSTRUCTION	(337.75,737.5)	MINIMUM FINISHED THICKNES FACE-TO-FACE ^b (inches)					
MATERIAL	NUMBER		CONSTRUCTION	4 hours	3 hours	ACE ^b (inche	1 hour			
	3-1.1 ^{f,} g	Expanded sl	ag or pumice.	4.7	4.0	3.2	2.1			
3. Concrete	3-1.2 ^{f, g}	Expanded cl	ay, shale or slate.	5.1	4.4	3.6	2.6			
masonry units	3-1.3 ^f	Limestone, o	inders or air-cooled slag.	5.9	5.0	4.0	2.7			
	155	20		2			-			

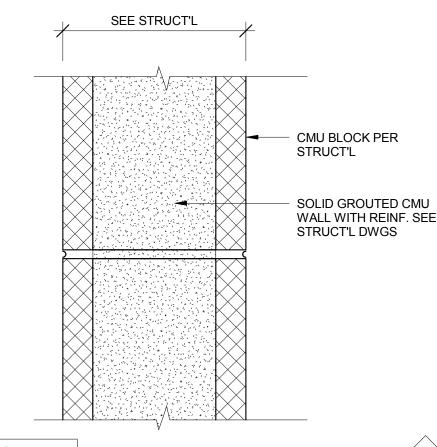
6.2 5.3 4.2 2.8

SCALE: 3" = 1'-0"

1-HR OR 2-HR (WHERE NOTED) (B2) 8" CMU WALL W/ GYP

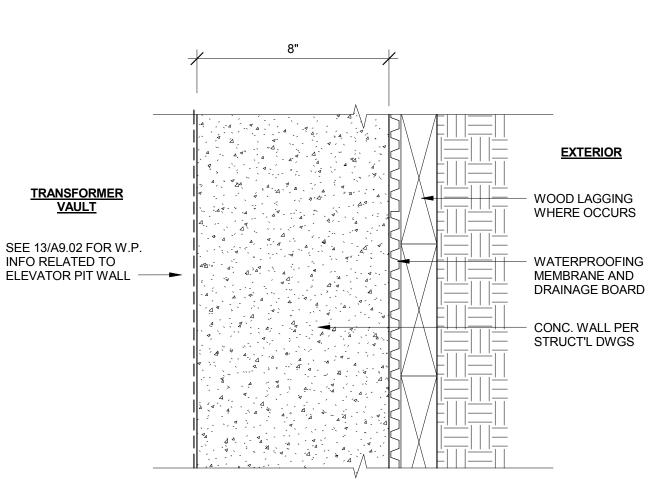
REF: ENLARGED PLANS/SECTIONS

3-1.4^{f, g} Calcareous or siliceous gravel.



4-HOUR RATE PER CBC TAE			NOTE:	FOR 6	" CN	MU <	B1.1
	ITEM		CONSTRUCTION	MINIMUM FINISHEE FACE-TO-FACE ^b			
MATERIAL	NUMBER		CONSTRUCTION	4 hours	3 hours	A VENT AND A	1 hour
	3-1.1 ^{f, g}	Expanded	slag or pumice.	4.7	4.0	3.2	2.1
3. Concrete	3-1.2 ^{f, g}	Expanded	clay, shale or slate.	5.1	4.4	3.6	2.6
masonry units	3-1.3 ^f	Limestone,	cinders or air-cooled slag.	5.9	5.0	4.0	2.7
	3-1.4 ^{f, g}	Calcareous	or siliceous gravel.	6.2	5.3	4.2	2.8

1-HR OR 2-HR (WHERE NOTED) (B1) 8" CMU WALL

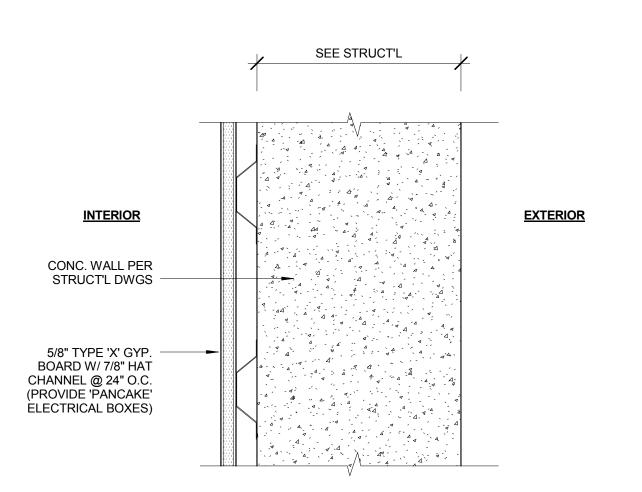


4-HOUR RATED ASSEMBLY PER CBC TABLE 721.1(2), 4-1.1

MATERIAL	ITEM	CONSTRUCTION	(4)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	FACE-TO-FAC		
MATERIAL	NUMBER	CONSTRUCTION	4 hours	3 hours	2 hours 5.0 4.6 3.8	1 hour
	51	Siliceous aggregate concrete.	7.0	6.2	5.0	3.5
4. Solid		Carbonate aggregate concrete.	6.6	5.7	4.6	3.2
concrete ^{h, i}	4-1.1	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

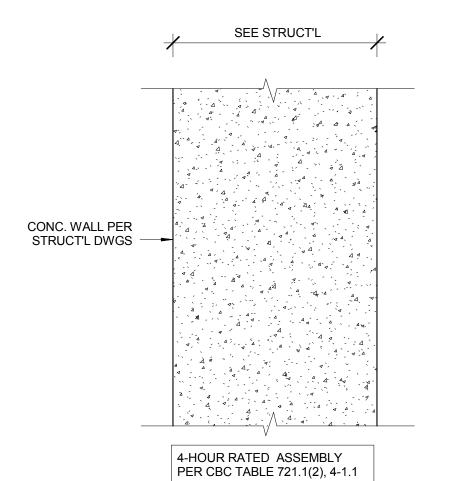
REF: ENLARGED PLANS/SECTIONS



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

MATERIAL	ITEM	CONCERNICATION	MINIMUM FINISHED TO FACE-TO-FACE ^b (in 4 3 2 hours hours hours 7.0 6.2 5.0 6.6 5.7 4.6			
MATERIAL	NUMBER	CONSTRUCTION	122	22 AZES	2 hours 5.0	1 hour
	51	Siliceous aggregate concrete.	7.0	6.2	5.0	3.5
4. Solid	Siliceous aggregate concrete. Carbonate aggregate concrete.	6.6	5.7	4.6	3.2	
concrete ^{h, i}	4-1.1	Sand-lightweight concrete.	5.4	4.6	2 hours 5.0 4.6	2.7
		Lightweight concrete.	5.1	4.4	3.6	2.5

1-HR CONC. WALL W/ GYP **REF: ENLARGED PLANS/SECTIONS**



	ITEM	м	MINIMUM FINISHED THICKNE FACE-TO-FACE ^b (inches)						
MATERIAL	NUMBER	CONSTRUCTION	4 hours	3 hours	2 hours	1 hour			
		Siliceous aggregate concrete.	7.0	6.2	5.0	3.5			
4. Solid		Carbonate aggregate concrete.	6.6	5.7	4.6	3.2			
concrete ^{h, i}	4-1.1	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) (A1) CONC. WALI

KEYNOTES NOTE: ITEMS IDENTIFIED ARE TYPICAL TO ALL LIKE ITEMS UNLESS NOTED OTHERWISE 01 - GENERAL REQUIREMENTS

10.05 SHOWER CURTAIN ROD

PAINTED DOOR

ELSEWHERE

HARDWARE

11.01 REFRIGERATOR, CFCI

11.04 DISHWASHER, CFCI

11.06 DRYER, OFCI

STORAGE

PARKING

12.05 FURNITURE, NIC

21 - FIRE SUPPRESSION

14 - CONVEYING EQUIPMENT

STAIR. RECESSED

21.05 FD ANNUNCIATOR PANEL

22.02 KITCHEN SINK/FAUCET

22.04 PRE-FAB FIBERGLASS BATHTUB

22.06 SHOWER HEAD AND CONTROLS

22.08 BOILER PER PLUMBING DWGS

22.09 HOT WATER TANK PER PLUMBING DWGS

SCUPPER, REFER TO DETAIL 11/A9.02

22.10 ROOF DRAIN OVERFLOW DAYLIGHT

22.07 ULTRA LOW FLOW TOILET

22.03 LAV. SINK/FAUCET

22.05 BATH TUB FAUCET

22.11 FLOOR DRAIN

AIR-CONDITIONING

26 - ELECTRICAL

27 - COMMUNICATION

28.01 SMOKE ALARM

31 - EARTHWORK

28.02 SECURITY CAMERA

32 - EXTERIOR IMPROVEMENTS

32.01 NEW CONCRETE SIDEWALK

LA REQUIREMENTS

32.04 STEEL SECURITY GATE, PTD.

32.06 EXTERIOR PLANTER DRAIN

32.08 IPE WOOD TILES

33.01 WATER METER

REQUIRED

PREVENTER

33.03 ELECTRIC METERS

33 - UTILITIES

32.05 STEEL SECURITY FENCE, PTD

32.07 MOTORIZED STL. OVERHEAD GATE

32.09 TREE, SEE LANDSCAPE DRAWINGS

32.10 PLANTINGS, SEE LANDSCAPE DRAWINGS

33.02 GAS METER. PROTECT W/ BOLLARDS AS

22.12 PLUMBING VENT PIPE

23.01 HVAC UNIT PER MECH

23.03 CEILING AIR REGISTER

23 - HEATING, VENTILATING, AND

23.02 AIR REGISTER WALL MOUNTED

23.04 KITCHEN HOOD EXHAUST DUCT

23.06 BATHROOM EXHAUST DUCT

23.05 ENERGY STAIR RATED BATHROOM

EXHAUST FAN PER SPECS

23.07 MECH. EXHAUST LOUVER, PER MECH.

FUTURE SOLAR SYSTEM

26.03 ELEC. PANEL PER PLANS & SCHEDULE

26.02 FUTURE ELECTRICAL VEHICLE

26.04 EXTERIOR LIGHT PER SCHEDULE

26.05 INTERIOR LIGHT PER SCHEDULE

28 - ELECTRONIC SAFETY AND SECURITY

28.03 FIRE ALARM MAIN PANEL. ARCHITECT

SOIL ENGINEER REPORT

SHALL APPROVE FINAL LOCATION

31.01 APPROVED COMPACT FILL PER GEO AND

32.02 PARKING STALL STRIPING PER CITY OF

32.03 EPIC STORM WATER SYSTEM, SEE CIVIL

CHARGING STATION

26.01 ROOF AREA FOR FUTURE SOLAR SYSTEM

PER 2016 CBC SECT. 110.10.(b).B

PROVIDE CONDUIT TO ROOF FOR

22 - PLUMBING

22.01 MOP SINK

12 - FURNISHINGS

11.02 GAS RANGE/OVEN, CFCI

11.05 CLOTHES WASHER, OFCI

'RECYCLABLES'

10.11 GRAB BAR

SCHEDULE)

10.08 RECESSED MEDICINE CABINET, W/ FLUSH

10.09 FIRE EXTINGUISHER, SURFACE MOUNT IN

INTERCOM SYSTEM AND MOUNTING

GARAGE, RECESSED CABINET

10.10 RECESSED, EXTERIOR UNIT ENTRY

11 - EQUIPMENT/APPLIANCES (SEE EQMT.

11.03 KITCHEN RANGE EXHAUST HOOD, CFCI

11.07 TRASH CHUTES: LABEL AS 'REFUSE' AND

12.01 VERTICAL WINDOW SHADE SLATS,

WHITE, TYP. @ ALL UNITS

12.02 ROLLING WINDOW SHADE, SEE DETAIL

12.03 BICYCLE RACKS FOR LONG TERM BIKE

12.04 BICYCLE RACK FOR SHORT TERM BIKE

13 - SPECIAL CONSTRUCTION (NOT USED)

14.01 THYSSENKRUPP ENDURA HOLELESS

21.01 NFPA 13 FIRE SPRINKLER RISER AT EACH

21.02 FIRE SPRINKLER HORIZ. MAIN (SEE

21.03 ROUND FIRE ALARM BELL. ARCHITECT

APPROVE FINAL LOCATION

SHALL APPROVE FINAL LOCATION

FRONT OF PROJECT. ARCHITECT SHALL

21.04 FIRE DEPARTMENT MAIN CONNECTION @

HYDRAULIC ELEVATOR, 3,500 LBS, 150

10.06 TOWEL BAR

10.07 ROBE HOOK

02 - NOT USED

03 - CONCRETE 3.01 CONC. SLAB ON GRADE. LIGHT BROOM FINISH AT PARKING GARAGE, TYP. 3.02 PRE-CAST CONC. STAIR

TREADS/LANDING 3.03 CONC. STRUCT'L SLAB, SLOPE TO DRAIN AT INDICATED AREAS, BUFF FLAT/SMOOTH AND CLEAR SEAL AT LOBBY AND COMMERCIAL SPACES

3.04 CONC. WALL 3.05 CONC. COLUMNS 3.06 CONC. FOUNDATION 3.07 CONC. GUARDRAIL, 3'-7" HIGH

3.10 CONC. WHEEL STOP 3.11 CONC. PLANTER 04 - MASONRY 4.01 CMU WALL PER STRUCT'L 4.02 NON-BEARING CMU WALL W/ 2" CMU CAP

3.09 6" TALL X 6" U.N.O. WIDE CONC. CURB

@ EXTERIOR LOCATION 05 - METALS

3.08 CONC. STAIR/STEPS

5.01 STEEL COLUMN, SEE STRUCTURAL 5.02 STEEL TRELLIS, SEE STRUCTURAL 5.03 STEEL STAIR CHANNEL STRINGER/SOLID

5.04 STEEL PIPE HANDRAIL, PAINTED 5" DIA. CONCRETE FILLED GALV. PIPE BOLLARD PER 9/A9.31 GUARDRAIL, PAINTED, MIN 3'-6" HIGH

ABOVE FINISH DECK, SEE DETAILS 5.07 2X6 MTL. STUD FURRED PLUMBING WALL METAL STUD WALL FRAMING, TYP. @ GROUND FLOOR 06 - WOODS & PLASTIC

6.01 WOOD POST WOOD BEAM/JOIST 6.02 WOOD WALL FRAMING WITH PLY SHEAR WHERE OCCURS

WOOD 'TJI' FLOOR JOIST MIN. 5/8" PLY OVER 2X WD RIP STRIPS FOR ROOF SLOPE AND/OR CRICKET RUBBER WALL BASE

6.07 SOLID SURFACE COUNTERTOP BY "LG HI-MACS', BLACK TYP. @ KITCHENS, BATHROOMS, AND LAUNDRY ROOM

WOOD WALL BASE, PAINTED 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.

WOOD POLE CLOTHES ROD, DOUGLAS FIR, 1-3/8" DIA, PAINTED 07 - THERMAL & MOISTURE PROTECTION 7.01 DECK COATING OVER STRUCTURAL SLAB OR PLYWOOD THERMAL BATT INSULATION. R-21MIN @

6.10 WOOD MDF SHELF

WALLS. R-38 MIN @ ROOF 7.03 W.P. MEMBRANE 7.04 VAPOR PERMEABLE MEMBRANE AIR BARRIER AT EXTERIOR WALLS, TYP. 7.05 SINGLE-PLY PVC WHITE SHEET ROOFING.

7.06 FLOOR OR DECK DRAIN 7.07 SCUPPER 7.08 UNDERSLAB MOISTURE VAPOR BARRIER 7.09 ROOF DRAIN

7.10 18 GA. 'BONDERZED' METAL COPING. PTD. TYP. AT ALL FRAMED PARAPETS 7.11 PLASTER CONTROL JOINT PER DETAIL 08 - OPENINGS (SEE DOOR/WINDOW SCHEDULE)

8.01 VINYL WINDOW, PER SPECS 8.02 ALUM. STOREFRONT, PER SPECS. TRANSOM WINDOW, PER SPECS. ALUM. STOREFRONT DOOR, PER SPECS STL. DOOR & FRAME, PER SPECS.

8.06 SLIDING DOOR, PER SPECS 8.07 SOLID WOOD DOOR, SPEC SPECS 8.08 INTERIOR WOOD DOOR, PER SPECS 8.09 CLOSET DOOR, PTD. 8.10 ACCESS PANEL, COLOR AND MATERIAL

SHALL MATCH ADJACENT MATERIAL 8.11 DOOR HARDWARE SET PER SCHEDULE 8.12 EXTERIOR WALL LOUVER 8.13 EXTERIOR WALL VENT CAP 09 - FINISHES (SEE FINISH SCHEDULE)

9.01 NOT USED 9.02 7/8" PERFORATED CORRUGATED MTL. ALUM. PANELS, PTD. 9.03 7/8" INTEGRAL COLOR EXT. CEMENT PLASTER OVER MTL. LATH & BUILDING PAPER. SEE ELEVATIONS/DETAILS FOR

'SPARKLE' ADDITIVE AND FURRED SCALLOPING 9.04 5/8" TYPE 'X' GYP BOARD, TYP. PROVIDE AS 'EXTERIOR' OR 'WET RATED' AS

NOT USED VINYL PLANK FLOORING 9.07 CERAMIC TILE 9.08 GRAFFITI COATING, TYP. @ ALL EXTERIOR SOLID WALLS FROM GRADE

UP TO SECOND FLOOR DECK 9.09 2' X 2' ACOUSTICAL SUSPENDED CEILING 9.10 SUSPENDED GYP. BOARD CEILING

10 - SPECIALTIES (SEE SPECS/ACCESSORY 33.05 FIRE METER BACKFLOW PREVENTER SCHEDULE) 33.06 IRRIGATION BACKFLOW PREVENTER 10.01 MIRROR. WALL MOUNTED 10.02 SIGNAGE

33.07 ELECTRICAL TRANSFORMER IN UNDERGROUND VAULT 10.03 MAILBOXES. FRONT LOAD, RECESSED. PROVIDE FOR 35 UNITS PLUS 2 COMM. 10.04 TOILET PAPER ROLL HOLDER

2017-12-01

33.08 SUMP PUMP PER CIVIL

33.04 DOMESTIC WATER BACKFLOW

2018-05-10 SCHEMATIC DESIGN DESIGN DEVELOPMENT 2018-06-29 50% CONTRUCTION DOCUMENTS 2018-12-14 PLAN CHECK SUBMITTAL (95% CDS) 2019-03-05

PERMIT SET **BID ISSUE**

9.05

CONSTRUCTION ISSUE

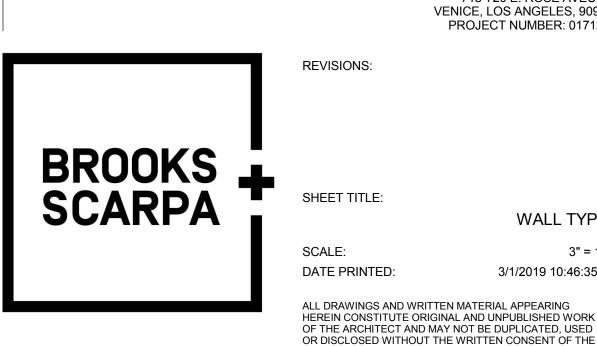
CONCEPTUAL DESIGN

720 ROSE AVE. MIXED-USED 35 UNITS 718-720 E. ROSE AVEUNE VENICE, LOS ANGELES, 90921 PROJECT NUMBER: 01712.0

WALL TYPES

3/1/2019 10:46:35 AM

3" = 1'-0"



BROOKS SCARPA ARCHITECTURE 3929 W. 139TH STREET HAWTHORNE, CA. 90250 t: 323.596.4700

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

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SCALE: 3" = 1'-0"

f: 310.453.9606