

KEYNOTES a. Staples with equivalent holding power and penetration shall be permitted to be used as alternate fasteners to nails for attachment to wood framing.

 Generic fire-resistance ratings (those not designated as PROPRIETARY\* in the listing) in the GA 600 shall be accepted as if herein listed. p. NCMA TEK 5-8A shall be permitted for the design of fire walls.

## 1-HR EXT. MTL. STUD WALL AT G1 **GROUND FLOOR**

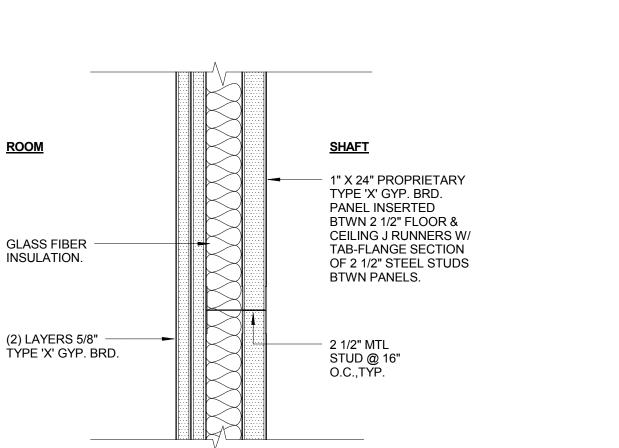
REF: ENLARGED PLANS/SECTIONS

GLASS FIBER

INSULATION.

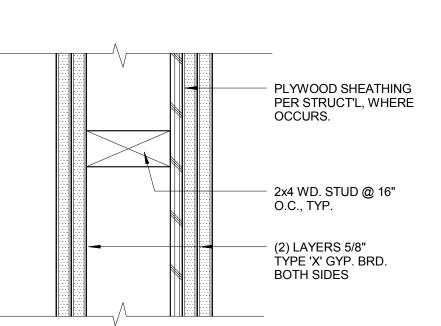
(2) LAYERS 5/8"

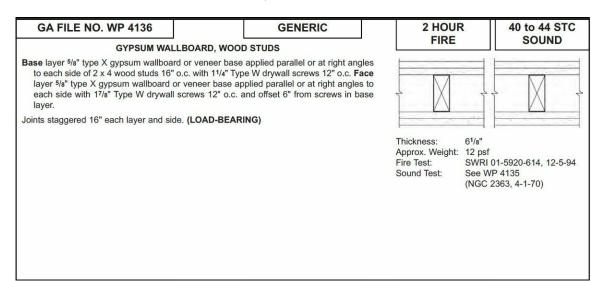
SCALE: 3" = 1'-0"



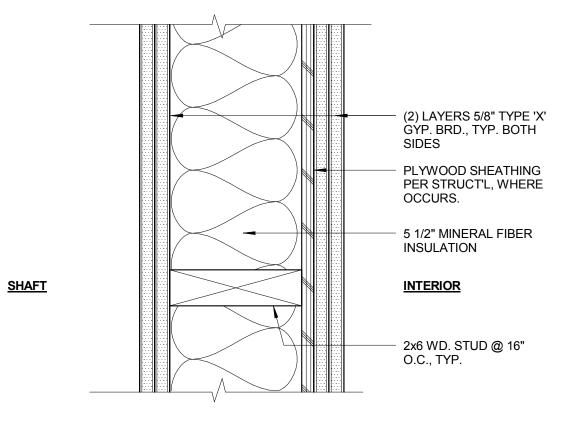
| GA FILE NO. WP 7076                    | PROPRIETARY*  | 2 HOUR                          |                                |
|--|---|---------------------------------|--------------------------------|
| GYPSUM WALLBO                          | ARD, STEEL C-H, C-T, OR I STUDS   | FIRE                            | SOUND                          |
|  | gypsum panels inserted between 21/2" floor and ceiling 21/2" steel C-H, C-T, or I studs between panels.   |                                 |                                |
| base applied parallel or at right a    | oprietary type X gypsum wallboard or gypsum veneer ngles to studs with 1" Type S drywall screws 24" o.c. ( gypsum wallboard or gypsum veneer base applied drywall screws 12" o.c. |                                 | XXXXXXXXXX                     |
| Sound tested with 21/2" glass fiber in | Thickness:  | 33/4"                           |                                |
| PROPRIE                                | Approx. Weight:<br>Fire Test:   | 8.5 psf<br>UC ES-7408, 11-21-75 |                                |
| National Gypsum Company                | <ul> <li>5/8" Gold Bond® Brand FIRE-SHIELD®<br/>Gypsum Board</li> </ul>   | THE TOST.                       | (Rev. 6-76);<br>UL Design U497 |
|  | <ul> <li>1" Gold Bond® Brand FIRE-SHIELD®<br/>Shaftliner</li> </ul>   | Sound Test:                     | NGC 2507, 7-21-75              |
|  |   |                                 |                                |
|  |   |                                 |                                |
|  |   |                                 |                                |
|  |   |                                 |                                |

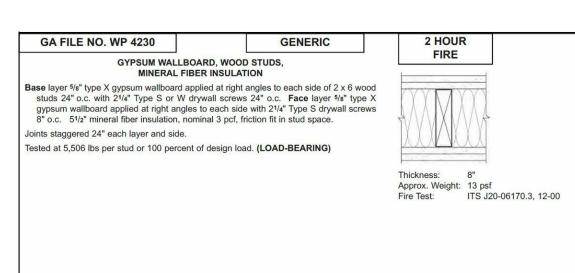
2-HR SHAFT WAL **REF: ENLARGED PLANS/SECTIONS** SCALE: 3" = 1'-0"



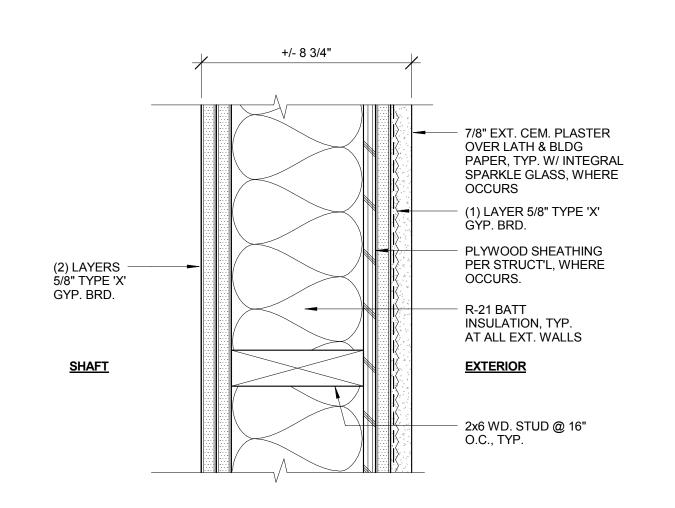


2-HR 2X4 SHAFT WAL **REF: ENLARGED PLANS/SECTIONS** SCALE: 3" = 1'-0"



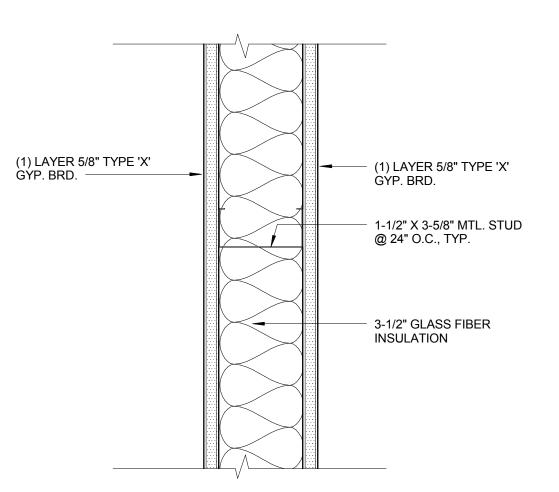


2-HR 2X6 SHAFT WALI REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"



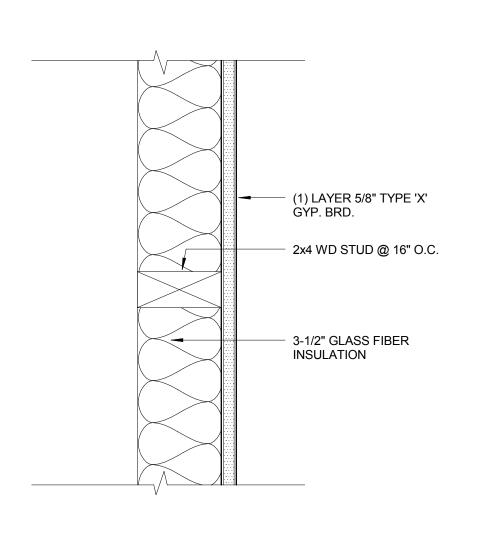
| EXTERIOR WALLS  |   |                          |                        |  |
|---|---|--------------------------|------------------------|--|
| GA FILE NO. WP 8420   | GENERIC   | 2 HOUR                   |                        |  |
| WOOD STUDS, CEMENT ST   | UCCO, WIRE MESH,  | FIRE                     |                        |  |
| GYPSUM WALL EXTERIOR SIDE: Base layer 5/8" type X gypsu   |   | FIRE SIDE                |                        |  |
| retardant treated wood studs 16" o.c. with 6d cc 1/4" heads, 12" o.c. and covered with a single la retarder paper stapled along each edge at 16" c applied over sheathing with 8d galvanized roofin heads, 6" o.c. Cement-stucco applied over wire bonding agent applied between coats. | yer fire resistant protective weather<br>.c. Galvanized self-furring wire mesh<br>ng nails, 2 3/8" long, 0.113" shank, 9/32"  |                          |                        |  |
| INTERIOR SIDE: Base layer 5/8" type X gypsur applied parallel to studs with 6d coated nails, 1 o.c. Face layer 5/8" type X gypsum wallboard o angles to studs with 8d coated nails, 2 3/8" long edges and 12" o.c. at intermediate studs. (LOA  | 7/8" long, 0.0915" shank, 1/4" heads, 12"<br>r gypsum veneer base applied at right<br>, 0.113" shank, 9/32" heads, 8" o.c. at | Thickness:<br>Fire Test: | 8 5/8"<br>UC, 12-21-67 |  |

2-HR SHAFT WALL @ EXT. REF: ENLARGED PLANS/S, SECTIONS SCALE: 3" = 1'-0"



| GA FILE NO. WP 1052  | GENERIC   | 1 HOUF                                      |  |
|--|---|---|--|
| GYPSUM WALLBOA   | ARD, STEEL STUDS  | FIRE  | SOUND  |
| angles to each side of 35/8" steel studs 24 vertical joints and 12" o.c. at wall perimeter | rpsum veneer base applied parallel or at right "o.c. with 1" Type S drywall screws 8" o.c. at rand intermediate studs. Face layer 5/8" type ase applied parallel or at right angles to ONE o.c. |   |  |
| Joints staggered 24" each layer and side. So stud space. (NLB)                             | ound tested with 31/2" glass fiber friction fit in  | Thickness:<br>Approx. Weight:<br>Fire Test: | 51/2"<br>8 psf<br>See WP 1350<br>(FM WP-45, 6-19-68;<br>OSU T-1770, 8-61;<br>ULC 79T484, 79T500, |
|  |   | Sound Test:                                 | 79T497, 8-21-81,<br>ULC Design W415)<br>NRCC 817-NV, 2-3-81                                      |

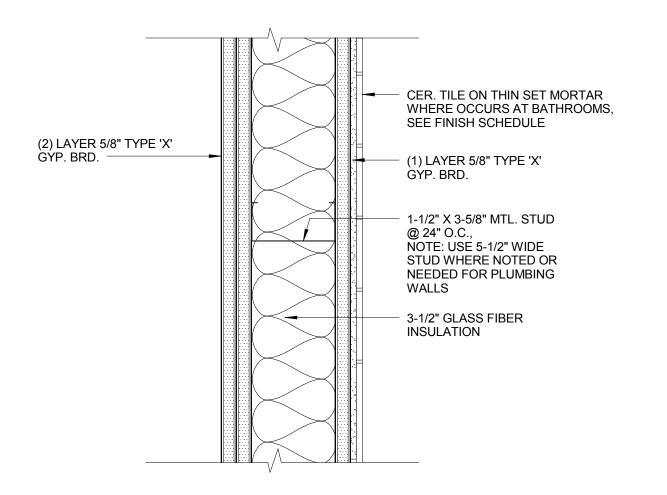
1-HR INT MTL STUD WAL REF: ENLARGED PLANS/SECTIONS SCALE: 3" = 1'-0"

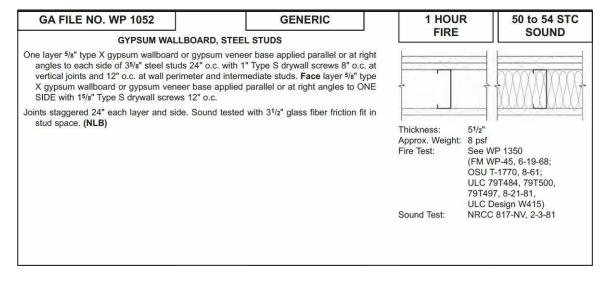


NON-RATED FURRING WALL

SCALE: 3" = 1'-0"

REF: ENLARGED PLANS/SECTIONS



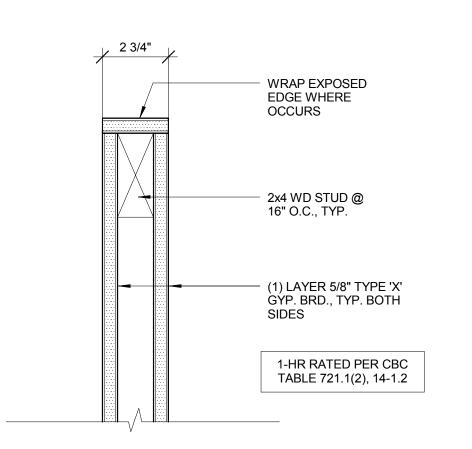


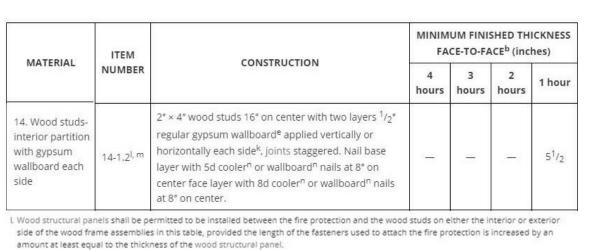
REF: ENLARGED PLANS/SECTIONS

1-HR FIRE PARTITION PER (D5) LABC SECT. 708

SCALE: 3" = 1'-0"

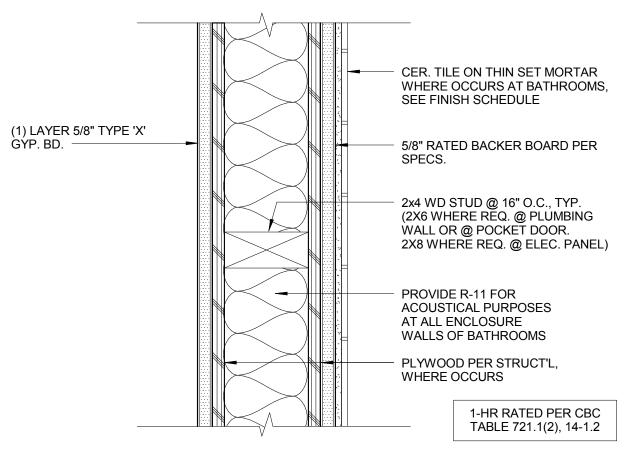
SCALE: 3" = 1'-0"





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,  $I_e/d$ , not exceeding 33, the design stress shall be reduced to 78 percent of the adjusted stress  $F_c$  calculated for study having a sienderness ratio  $l_e/d$  of 33.

REF: ENLARGED PLANS/SECTIONS



| MATERIAL ITEM<br>NUMBER  | ITEM                   | CONCEDUCTION   | MINIMUM FINISHED THICKNESS<br>FACE-TO-FACE <sup>b</sup> (inches) |            |        |      |
|--|------------------------|--|--|------------|--------|------|
|  | CONSTRUCTION           | 4<br>hours   | 3<br>hours   | 2<br>hours | 1 hour |      |
| 14. Wood studs-<br>interior partition<br>with gypsum<br>wallboard each<br>side | 14-1,2 <sup>l, m</sup> | 2" × 4" wood studs 16" on center with two layers <sup>1</sup> / <sub>2</sub> " regular gypsum wallboard <sup>e</sup> applied vertically or horizontally each side <sup>k</sup> , joints staggered. Nail base layer with 5d cooler <sup>n</sup> or wallboard <sup>n</sup> nails at 8" on center face layer with 8d cooler <sup>n</sup> or wallboard <sup>n</sup> nails at 8" on center. | 1-1  |            | _      | 51/2 |

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

## 1-HR FIRE PARTITION PER (D3) LABC SECT. 708, TYP.

REF: ENLARGED PLANS/SECTIONS

SCALE: 3" = 1'-0"

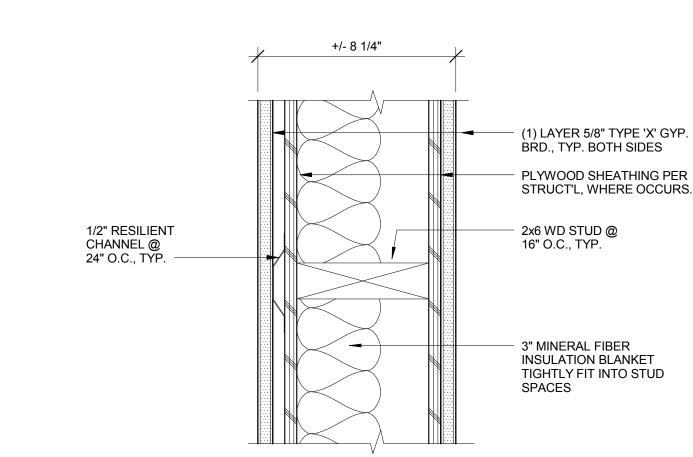
+/- 1' - 8 1/2" 6 1/8" +/- 8 1/4" 6 1/8" (1) LAYER 5/8" TYPE 'X' GYP. BRD., TYP. BOTH SIDES PLYWOOD SHEATHING PER 1/2" RESILIENT STRUCT'L, WHERE OCCURS. 24" O.C., TYP 2x6 WD STUD @ 16" O.C., TYP. FUR OUT W/ 5-1/2" MTL. STUD @ 24" O.C. FOR MECH., ELEC., OR PLUMBING. 3" MINERAL FIBER INSULATION BLANKET TIGHTLY FIT INTO STUD SPACES

| GA FILE NO. WP 3240  | PROPRIETARY*   | 1 HOUF  | SOUND 50 to 54 FSTC |
|--|--|---|---------------------|
|  | , RESILIENT CHANNELS,<br>LATION, WOOD STUDS  | FIRE  | SOUND               |
| or 24" o.c. with 11/4" Type S drywall scre<br>wallboard or gypsum veneer base applie                         | angles to ONE SIDE of 2 x 4 wood studs 16" ws. One layer <sup>5</sup> / <sub>8</sub> " proprietary type X gypsum d parallel to channels with 1" Type S drywall and with resilient channels. 3" mineral fiber |   |                     |
| DPPOSITE SIDE: One layer 5/8" proprietary<br>base applied at right angles to studs with                      | type X gypsum wallboard or gypsum veneer 11/4" Type W drywall screws 12" o.c.  | Thickness:<br>Approx. Weight:   | 51/4"<br>7 psf      |
| Vertical joints staggered 48"on opposite side<br>face of mineral fiber insulation blankets<br>(LOAD-BEARING) | Fire Test:   | UL R1319-93, 94, 129;<br>8-10-66;<br>UL Design U311;<br>ULC Design U311 |                     |
| PROPRIETARY GYPSUM BOARD   |  | Field Sound Test: BBN 760903, 9-17-76                                   |                     |
| Jnited States Gypsum Company   | - 5/8" SHEETROCK® Brand FIRECODE® C Core Gypsum Panels   |   |                     |

REF: ENLARGED PLANS/SECTIONS

1-HR FIRE PARTITION PER (D2) LABC SECT. 708 @ PLUMBING

SCALE: 3" = 1'-0"



| GA FILE NO. WP 3240   | PROPRIETARY*   | 1 HOUR  | 50 to 54 FSTC |
|---|--|---|---------------|
|   | , RESILIENT CHANNELS,<br>ILATION, WOOD STUDS   | FIRE  | SOUND         |
| or 24" o.c. with 11/4" Type S drywall screwallboard or gypsum veneer base applied                           | angles to ONE SIDE of 2 x 4 wood studs 16" aws. One layer 5/6" proprietary type X gypsum and parallel to channels with 1" Type S drywall and with resilient channels. 3" mineral fiber |   |               |
| OPPOSITE SIDE: One layer 5/8" proprietary base applied at right angles to studs with                        | Thickness: 51/4 Approx. Weight: 7 ps   |   |               |
| Vertical joints staggered 48"on opposite sid<br>face of mineral fiber insulation blankets<br>(LOAD-BEARING) | Fire Test: UL<br>8-1<br>UL   | UL R1319-93, 94, 129;<br>8-10-66;<br>UL Design U311;<br>ULC Design U311 |               |
| PROPRIETARY GYPSUM BOARD  |  | Field Sound Test: BBN 760903, 9-17-76                                   |               |
| United States Gypsum Company  | <ul> <li>5/8" SHEETROCK® Brand FIRECODE® C</li> </ul>  |   |               |

**REF: ENLARGED PLANS/SECTIONS** 

1-HR FIRE PARTITION PER (D1) LABC SECT. 708, TYP.

SCALE: 3" = 1'-0"

**KEYNOTES** NOTE: ITEMS IDENTIFIED ARE TYPICAL TO ALL LIKE ITEMS UNLESS NOTED OTHERWISE 10.05 SHOWER CURTAIN ROD 01 - GENERAL REQUIREMENTS

10.06 TOWEL BAR 02 - NOT USED

10.07 ROBE HOOK 10.08 RECESSED MEDICINE CABINET, W/ FLUSH 10.09 FIRE EXTINGUISHER, SURFACE MOUNT IN

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

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.

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)

GARAGE, RECESSED CABINET

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

INTERCOM SYSTEM AND MOUNTING

3.01 CONC. SLAB ON GRADE. LIGHT BROOM FINISH AT PARKING GARAGE, TYP. 3.02 PRE-CAST CONC. STAIR 10.10 RECESSED, EXTERIOR UNIT ENTRY TREADS/LANDING

3.03 CONC. STRUCT'L SLAB, SLOPE TO DRAIN AT INDICATED AREAS, BUFF FLAT/SMOOTH AND CLEAR SEAL AT 11 - EQUIPMENT/APPLIANCES (SEE EQMT. LOBBY AND COMMERCIAL SPACES 3.04 CONC. WALL

3.07 CONC. GUARDRAIL, 3'-7" HIGH 3.08 CONC. STAIR/STEPS 3.09 6" TALL X 6" U.N.O. WIDE CONC. CURB 3.10 CONC. WHEEL STOP 3.11 CONC. PLANTER

3.05 CONC. COLUMNS

3.06 CONC. FOUNDATION

03 - CONCRETE

04 - MASONRY 4.01 CMU WALL PER STRUCT'L 4.02 NON-BEARING CMU WALL W/ 2" CMU CAP @ EXTERIOR LOCATION

05 - METALS 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 5.05 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

6.02 WOOD BEAM/JOIST 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 6.08 WOOD WALL BASE, PAINTED

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. 6.10 WOOD MDF SHELF

6.11 WOOD POLE CLOTHES ROD, DOUGLAS FIR, 1-3/8" DIA, PAINTED 07 - THERMAL & MOISTURE PROTECTION 7.01 DECK COATING OVER STRUCTURAL SLAB OR PLYWOOD

7.02 THERMAL BATT INSULATION. R-21MIN @ 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

8.06 SLIDING DOOR, PER SPECS

8.09 CLOSET DOOR, PTD.

9.01 NOT USED

9.05 NOT USED

SCHEDULE)

10.02 SIGNAGE

9.07 CERAMIC TILE

8.12 EXTERIOR WALL LOUVER

8.13 EXTERIOR WALL VENT CAP

09 - FINISHES (SEE FINISH SCHEDULE)

ALUM. PANELS, PTD.

SCALLOPING

9.06 VINYL PLANK FLOORING

10.01 MIRROR. WALL MOUNTED

10.04 TOILET PAPER ROLL HOLDER

9.08 GRAFFITI COATING, TYP. @ ALL

UP TO SECOND FLOOR DECK

9.10 SUSPENDED GYP. BOARD CEILING

10 - SPECIALTIES (SEE SPECS/ACCESSORY

10.03 MAILBOXES. FRONT LOAD, RECESSED.

PROVIDE FOR 35 UNITS PLUS 2 COMM.

9.02 7/8" PERFORATED CORRUGATED MTL.

9.03 7/8" INTEGRAL COLOR EXT. CEMENT

8.07 SOLID WOOD DOOR, SPEC SPECS

8.08 INTERIOR WOOD DOOR, PER SPECS

SHALL MATCH ADJACENT MATERIAL

PLASTER OVER MTL. LATH & BUILDING

'SPARKLE' ADDITIVE AND FURRED

AS 'EXTERIOR' OR 'WET RATED' AS

EXTERIOR SOLID WALLS FROM GRADE

PAPER. SEE ELEVATIONS/DETAILS FOR

26.01 ROOF AREA FOR FUTURE SOLAR SYSTEM PTD. TYP. AT ALL FRAMED PARAPETS PER 2016 CBC SECT. 110.10.(b).B 7.11 PLASTER CONTROL JOINT PER DETAIL PROVIDE CONDUIT TO ROOF FOR 08 - OPENINGS (SEE DOOR/WINDOW SCHEDULE) 8.01 VINYL WINDOW, PER SPECS 8.02 ALUM. STOREFRONT, PER SPECS.

FUTURE SOLAR SYSTEM 26.02 FUTURE ELECTRICAL VEHICLE CHARGING STATION TRANSOM WINDOW, PER SPECS. 26.03 ELEC. PANEL PER PLANS & SCHEDULE ALUM. STOREFRONT DOOR, PER SPECS 26.04 EXTERIOR LIGHT PER SCHEDULE STL. DOOR & FRAME, PER SPECS. 26.05 INTERIOR LIGHT PER SCHEDULE

27 - COMMUNICATION

26 - ELECTRICAL

28 - ELECTRONIC SAFETY AND SECURITY 28.01 SMOKE ALARM 8.10 ACCESS PANEL, COLOR AND MATERIAL 28.02 SECURITY CAMERA

28.03 FIRE ALARM MAIN PANEL. ARCHITECT 8.11 DOOR HARDWARE SET PER SCHEDULE SHALL APPROVE FINAL LOCATION 31 - EARTHWORK 31.01 APPROVED COMPACT FILL PER GEO AND

SOIL ENGINEER REPORT 32 - EXTERIOR IMPROVEMENTS 32.01 NEW CONCRETE SIDEWALK 32.02 PARKING STALL STRIPING PER CITY OF LA REQUIREMENTS 32.03 EPIC STORM WATER SYSTEM, SEE CIVIL

32.04 STEEL SECURITY GATE, PTD. 32.05 STEEL SECURITY FENCE, PTD 32.06 EXTERIOR PLANTER DRAIN

9.04 5/8" TYPE 'X' GYP BOARD, TYP. PROVIDE 32.07 MOTORIZED STL. OVERHEAD GATE 32.08 IPE WOOD TILES 32.09 TREE, SEE LANDSCAPE DRAWINGS 32.10 PLANTINGS, SEE LANDSCAPE DRAWINGS

33 - UTILITIES 33.01 WATER METER 33.02 GAS METER. PROTECT W/ BOLLARDS AS REQUIRED

9.09 2' X 2' ACOUSTICAL SUSPENDED CEILING 33.03 ELECTRIC METERS 33.04 DOMESTIC WATER BACKFLOW PREVENTER 33.05 FIRE METER BACKFLOW PREVENTER

33.06 IRRIGATION BACKFLOW PREVENTER 33.07 ELECTRICAL TRANSFORMER IN UNDERGROUND VAULT

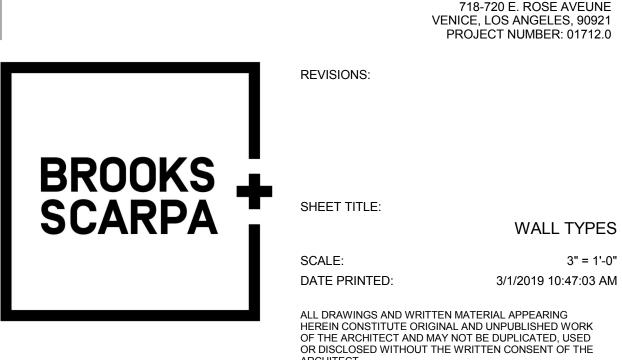
33.08 SUMP PUMP PER CIVIL

CONCEPTUAL DESIGN 2017-12-01 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** 

CONSTRUCTION ISSUE

720 ROSE AVE. MIXED-USED 35 UNITS 718-720 E. ROSE AVEUNE



BROOKS SCARPA ARCHITECTURE 3929 W. 139TH STREET HAWTHORNE, CA. 90250 t: 323.596.4700 f: 310.453.9606

3" = 1'-0"