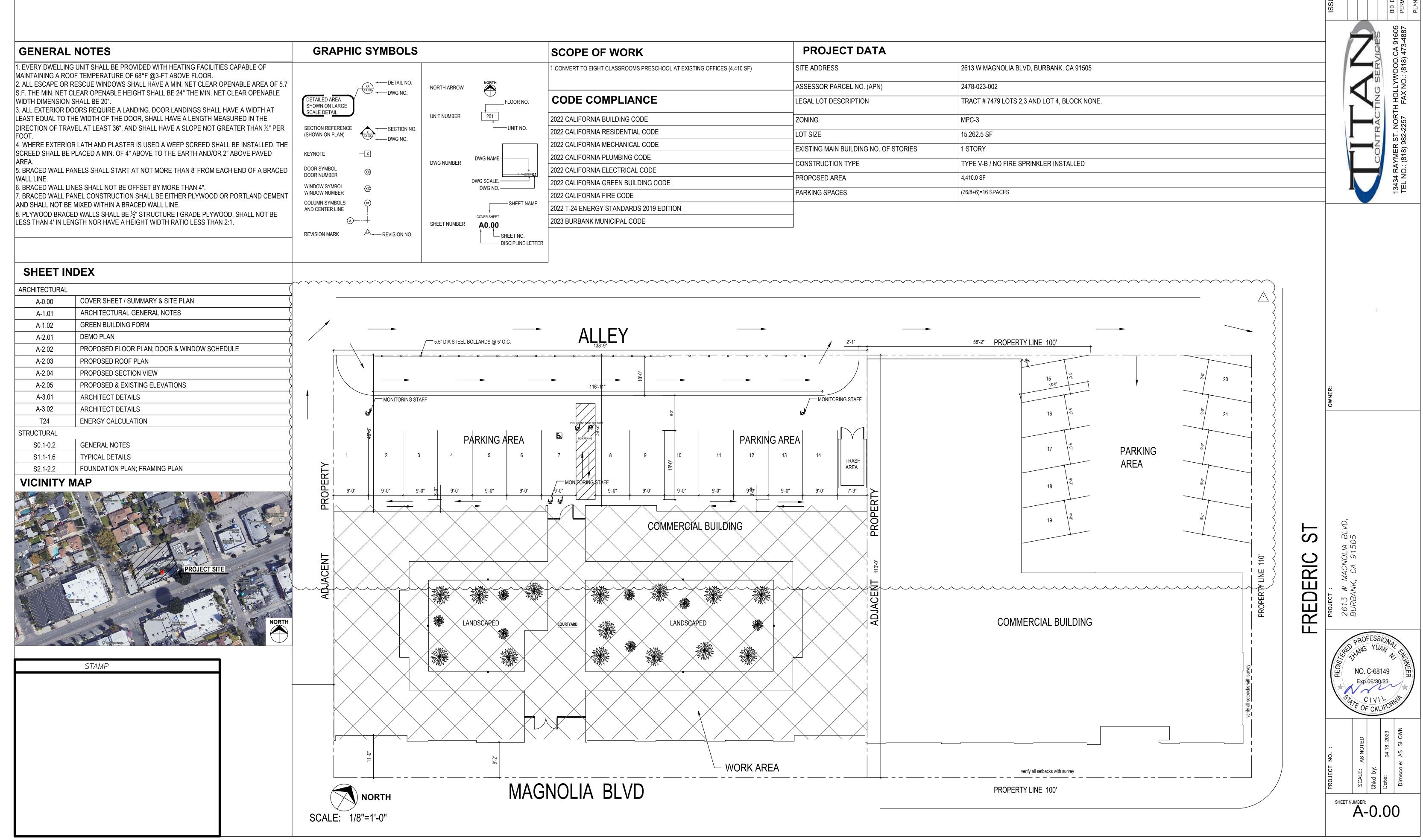
# CHABAD BURBANK JEWISH PRESCHOOL

2613 W MAGNOLIA BLVD, BURBANK, CA 91505



b. ALL APPLICABLE LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS.

2. ON SITE VERIFICATION OF ALL DIMENTIONS AND CONDITIONS SHALL
BE THE RESPONSIBILITY OF THE GENERAL AND SUB—CONTRACTORS.
NOTED DIMENTIONS TAKE PRACEDENT OVER SCALES. BUILDING
DESIGNER TO BE NOTIFIED IMMEDIATELY BY CONTRACTOR SHOULD
ANY DISCREPANCY OR OTHER QUESTION ARISE PERTAINING TO THE
WORKING DRAWING BEFORE PROCEEDING WITH THE WORK.

3. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION, THE GENERAL CONTRACTOR SHALL

VERIFY AND BE RESPONSIBLE FOR:

A. ALL CONTRACT DOCUMENTS, GENERAL NOTES, AND ALL ATTACHED OR REFERENCED REPORTS. OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENT OF THE CONTRACT DOCUMENTS.

B. ALL DIMENTIONS AND CONDITIONS AT THE SITE.

C. ANY CONDITION WHICH IN HIS OPINION MIGHT ENDANGER THE STABILITY OF THE STRUCTURE.

D. VERIFY LOCATION AND DEACTIVE ALL UTILITIES IN AREAS BEFORE PROCEEDING WITH WORK THAT WILL INTERFERE WITH BUILDING, SEND PROPER NOTICES, MAKE ALL NECESSARY ARRANGEMENTS AND PERFORM ALL SERVICES REQUIRED IN CARE AND MAINTENANCE OF ALL PUBLIC UTILITIES.

E. ENSURING PROPER ALIGNMENT, TEMPORARY BRACING AND SHORING
TO PROVIDE STRUCTURAL STABILITY OF THE STRUCTURE DURING

CONSTRACTION.

F. SECURE MISCELLANEOUS SUB—CONTRACTS AS REQUIRED FOR

COMPLETION OF THE JOB.

G. SECURING FINAL CERTIFICATE OF OCCUPANCY.

H. KEEP THE PREMISES FREE FROM THE ACCUMULATION OF ALL WASTE MATERIALS AND RUBBISH CAUSED BY OPERATION AT ALL TIMES.

I. THE PREMISES AND ALL FINISHED SURFACES MUST BE CLEANED AND READY FOR OCCUPANCY UPON COMPLETION OF WORKS.

4. ALTERNATIVE TO MATERIALS, EQUIPMENTS, PRODUCTS AND CONSTRUCTION DETAILS OTHER THAN THOSE SHOWN ON THE DRAWINGS OR SPECIFICATIONS MAY BE CONSIDERED FOR USE, PROVIDED WRITTEN APPROVAL SHALL BE OBTAINED FROM

FOR USE, PROVIDED WRITTEN APPROVAL SHALL BE OBTAINED FROM THE DESIGNER AND THE LOCAL DEPARTMENT OF BUILDING AND SAFETY.

5. ALL WORKS SHALL BE GURANTEED IN WRITING FOR A PERIOD OF ONE YEAR BY GENERAL CONTRACTOR FROM NOTICE OF SUBSTANTIAL COMPLETION OF THE BUILDING; SEPARATE ONE YEAR GURANTEES FOR ELECTRICAL, PLUMBING AND H.V.A.C. SUB—CONTRACTS SHALL BE PROVIDED BY SUB—CONTRACTORS. ROOFING, ROOF FLASHING AND SHEET METAL WORKS SHALL BE GURANTEED FOR A PERIOD OF TWO YEARS; AIR CONDITIONING COMPRESSORS SHALL BE GURANTEEDFOR FIVE YEARS. COPIES OF ALL GURANTEES SHALL BE SUBMITTED TO THE OWNER AT THE FINAL INSPECTIONS. GENERAL CONTRACTOR TO PROVIDE LIST OF SUB—CONTRACTORS AND VANDORS WITH PHONE NUMBERS AND EACH WARANTY, PERIOD LENGTH AND STARTING DATE. ALL ITEMS LISTED ARE PREQUISITE TO RETENTION PAYMENTS.

6. ALL WORKS SHALL CONFORM TO THE REQUIREMENTS OF ALL REGULATING AGENCIES EXERCISING AUTHORITY OVER ANY PORTION OF THE WORK. I.E., STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND CAL/OSHA, ETC., AND CONFORM TO THE BEST PRACTICE PREVAILING IN THE VARIOUS TRADES COMPRISING THE WORK, ASTM DESIGNATIONS SHALL BE AMMENDED TO DATE.

7. ALL FOOTINGS SHALL REST ON FIRM, NATURAL SOIL OR APPROVED COMPACTED FILL.

8. CONTRACTORSHALL PROVIDE TEMPORARY SHORING FOR EXCAVATION THET REMOVES THE LATERAL SUPPORT FROM AN EXISTING BUILDING.

9. UNDERPINING OF EXISTING STRUCTURE SHALL BE PERFORMED IN CONJUCTION WITH OTHER WORKS ON THE PROJECT IN A MANNER THAT WILL NOT ENDANGER THE SAFETY OF THE STRUCTURES BEING SUPPORTED.

10. CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACINGS AND SHORING AS REQUIRED FOR STRUCTURAL STABILITY OF THE STRUCTURE DURING CONSTRUCTION.

11. NO TRENCHS OR EXCAVATIONS OVER 5'-0" IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND

SHALL BE CONSTRUCTED WITHOUT A PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY.

LADBS STAMP

THERMAL AND MOISTURE PROTECTION:

1. ALL SHEET METAL TO BE 26 GA. GALVNIZED IRON UNLESS NOTICE OTHERWISE.

 FLASH AND COUNTERFLASH AT ALL ROOF—TO—WALL CONSITIONS.
 G. I. FLASH AND CAULK WOOD BEAMS, OUTLOOKERS PROJECTING FROM EXTERIOR WALLS OR ROOF SURFACES.

4. FLASH ALL EXTERIOR OPENINGS WITH APPROVED WATERPROOF
BUILDING PAPER TO EXTEND AT LEAST 3" UNDER THE BUILDING
PAPER BEHIND THE WALL COVERING.

5. ALL RANGE VENTS TO BE EXHAUSTED TO OUT SIDE AIR THROUGH ROOF OR WALL.

6. ALL VENTS AND DUCTS PENETRAINING THE ROOF SHALL EXTEND A MINIMUM OF 8" ABOVE THE ROOF SURFACE.

7. PROVIDE FLASHING AT THE TOP OF ALL PARAPETS AND WALLS, UNLESS NOTICE OTHERWISE.8. PROVIDE EXHAUST DUCTS AS REQUIRED FOR RANGE HOOD AND/OR

ENERGY INSULATION REQUIREMENTS:

VENTILATION FANS.

ALL EXTERIOR WALLS SHALL BE INSULATED WITH BLANKET TYPE MINERAL FIBER OR GLASS FIBER INSULATION CONFORMING TO FEDERAL SPECIFICATION WITH A THERMAL RESISTANCE (R) OF NOT LESS THAN 15.

2. ALL ROOF—CEILING ASSEMBLIES SHALL BE INSULATED WITH BLANKET TYPE MINERAL OR GLASS FIBER INSULATION CONFORMING TO FEDERAL SPECIFICATION WITH A THERMAL RESISTANCE (R) OF NOT LESS THAN 38.

3. ALL FLOOR—CEILING ASSEMBLIES OVER UNINSULATED SPACES SHALL BE INSULATED WITH BLANKET TYPE MINERAL OR GLASS FIBER INSULATION CONFORMING TO FEDERAL SPECIFICATION WITH A THERMAL RESISTANCE (R) OF NOT LESS THAN 19.

4. ALL HEATING/COOLING DUCTS LOCATED OUTSIDE THE BUILDING ENERGY ENVELOPE SHALL HAVE ALL JOINTS AND SEAMS SEALED AND SHALL BE INSULATED WITH A MINIMUM OF 1" THICK FIBEROUS INSULATION.

5. MINERAL FIBER INSULATION SHALL BE INSTALLED IN JOIST SPACES WHENEVER A PLUMBING PIPE OR DUCT PENETRATES A FLOOR—CEILING ASSEMBLIES FROM/WITHIN A WALL. THE INSULATION SHALL LBE INSTALLED TO A POINT 12" BEYOND THE PIPE OR DUCT.

6. BOTH THE BUILDER AND THE INSULATION APPLICATOR SHALL EXECUTE A CARD TO VERIFY THAT THE INSULATION HAS BEEN INSTALLED IN CONFORMANCE WITH ARTICLE 5, SUBCHAPTER 1, TITLE 25 OF THE CALIFORNIA ADMINISTRATIVE CODE UPON COMPLETION OF INSULATION INSTALLATION. THE CARD MUST

BE POSTED IN A CONSPICUOUS LOCATION WITHIN THE BUILDING.

7. REFER TO CF—1R FOR ALL GLAZING AT WINDOWS, GLASS DOORS, SKYLIGHTS AND SHADING DEVICES AS

REQUIRED BY ENERGY CALCULATIONS.

8. ALL INTERIOR WALLS SHALL BE 5/8" GYPSUM BOARD EACH SIDE, FOR NAILING REFER TO SHEET S—1.

9. INSPECTION IS REQUIRED PRIOR TO TAPING AND FINISHING (ALL JOISTS) WALLBOARDS.

10. INSPECTION IS REQUIRED FOR ALL INTERIOR AND EXTERIOR IN-PLACE

LATH AND WALLBOARDS BEFORE ANY PLASTERING IS APPLIED.

11. PROVIDE 26 GAUGE GALVANIZED FROM FOUNDATION WEEP SCREED ON ALL STUCCO WALLS AT INTERSECTION OF MUDSILL AND CONCRETE.

12. STUCCO FINISH TO USE 7/8" PORTLAND CEMENT PLASTER WITH WOVEN OR WELDED WIRE LATH WITH NO. 11 GUAGE 1-1/2" LONG WITH 7/16 O HEAD NAIL OR 16-GUAGE STAPLES X 7/8" LONG LEGS AT 16" O.C. ATTACHED TO TOP PLATES AND SILL. PROVIDE 3.4 METAL LATH AND BACKING AT ALL SOFFITS.

13. SECOND FLOOR TO RECEIVE 3/4" COVERING (OVER 5/8" PLYWOOD SHEATHING) OF GYP-CRETE OR 1-1/2" LIGHTWEIGHT CONCRETE, PER ARCHITECTURAL DETAILS.

14. ALL INSULATION MATERIALS SHALL BE CERTIFIED BY MANUFACTURE AS COMPLYING WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATED MATERIALS.

15. MANUFACTURED DOORS AND WINDOWS SHALL BE CERTIFIED AND LEBELED IN COMPLIANCE WITH THE APPROPRIATE INFILTRATION STANDARDS.

16. CAULK AND SEAL AROUND ALL WINDOS/DPPRS FRAMES, BETWEEN WALL SOLE PLATES AND FLOOR BETWEEN EXTERIOR WALL PANELS.

17. CAULK ALL PLIMBING AND ELECTRICAL PENETRATIONS INTO BUILDING ENVELOPE.

18. GAS FIRED HEATING/COOLING APPLIANCES AND FAUCETS TO COMPLY WITH EFFICIENCY STANDARDS.

19. GENERAL LIGHTING IN KITCHEN AND BATHROOMS SHALL HAVE EFFICIENCY OF 25 LUMENS/WATTS.

20. ALL FAN SYSTEMS EXHAUSTING AIR FROM THE BUILDING SHALL BE PROVIDED WITH BACK DRAFTDAMPERS.
21. REQUIRED TINTED GLAZING SHALL BE PERMANENTLY TINTED OR SURFACE COATED BY MANUFACTURE OF THE GLAZING MATERIAL AND

SHALL PROVIDE A MAXIMUM TINTING COEFFICIENT OF 0.75.

SECURITY NOTES FOR WINDOWS AND DOORS:

1. ALL GLASS AND GLAZING SHALL COMPLY WITH APPLICABLE CODES AND MUST BE LABELED SAFETY GLAZING FOR IMPACT.

2. ALL GLASS LESS THAN 18" ABOVE ADJECENT WALKING SURFACE SHALL BE TEMPERED.

3. ALL SECURITY OPENINGS SHALL COMPLY THE FOLLOWING NOTES:

a. DOORSTOPS OF IN-SWINGING DOORS SHALL BE OF ONE-PIECE

CONSTRUCTION WITH THE JAMB OR JOINED BY RABBET TO THE

JAMB.

b. ALL PIN TYPE HINGES WITCH ARE ACCESSIBLE FROM OUTSIDE
THE SECURED AREA WHEN THE DOOR IS CLOSED SHALL HAVE
NON-REMOVEABLE HINGE PINS; IN ADDITION, THEY SHALL HAVE
MINIMUM 1/4" DIAMETER STEEL JAMB STUD WITH 1/4" MINIMUM
PROJECTION UNLESS THE HINGES ARE SHAPES TO
PREVENT REMOVAL OF THE DOOR IF THE HINGE PINS ARE
REMOVED.

c. THE STRIKE PLATE FOR LATCHES AND THE HOLDING DEVICES FOR PROJECTING DEADBOLTS IN WOOD CONSTRUCTION SHALL BE SECURED TO THE JAMB AND THE WALL FRAMING WITH SCREWS NOT LESS THAN 2-1/2" IN LENGTH.

d. DEADBOLTS SHALL CONTAIN HARDENED INSERTS.
 e. STRAIGHT DEADBOLTS SHALL HAVE A MINIMUM THROW OF 1"
 AND AN EMBEDMENT OF NOT LESS THAN 5/8".

f. A HOOK-SHAPED OR AN EXPANDING LUG DEADBOLT AHALL HAVE A MINIMUM THROW OF 3/4".

g. WOOD FLUSH TYPE DOORS SHALL BE 1-3/8" THICK MINIMUM WITH

SOLID CORE CONSTRUCTION.

h. HOLLOW CORE DOORS OR FOORS LESS THAN 1-3/8" THICK SHALL BE COVERED ON THE INSIDE FACE WITH 26 GAUGE SHEET METAL ATTACHED WITH SCREWS AT 6" O. C. AROUND THE PERIMETER OR EQUIVALENT.

 i. GLASS DOORS SHALL HAVE FULLY TEMPERED GLASS COMPLYING WITH UP DATED BUILDING CODE OF THE LOS ANGELES COUNTY.
 i. EXTERIOR DOORS. DOORS BETWEEN HOUSE AND GARAGE,

WINDOWS AND THEIR HARDWARES SHALL CONFORM TO THE SECURITY PROVISIONS OF BUILDING CODE.

k. A SINGLE SWINGING DOOR, ACTIVE LEAF OF A PAIR OF DOORS, AND THE BOTTOM LEAF OF DUTCH DOORS SHALL BE EQUIPPED WITH A DEADBOLT AND A DEAD LOCKING LATCH, BOTH BY

OPERATED FROM OUTSIDE, DEADBOLT SHALL HAVE A HARDENED INSERT, 1" MINIMUM THROW AND 3/8" MINIMUM EMBEDMENT INTO JAMB.

I. PROVIDE DOOR VIEWERS, VIEW PORTS OR VIEWING WINDOWS AT ALL DWELLING OR GUEST ROOM ENTRANCES, SUCH WINDOWS OR

PORTS SHALL BE CONSTRUCTED IN COMPLIANCE WITH SECURIT PROVISION OF BUILDING CODE.

4. CYLINDER GUARDS SHALL BE INSTALLED ON ALL CULINDER LOCKS WHENEVER THE CULINDER PROJECTS BYOND THE FACE OF THE DOOR

OR/IS OTHERWISE ACCESSIBLE TO GRIPPING TOOLS.

5. SLIDING GLASS DOORS AND WINDOWS SHALL BE EQUIPPED WITH LICKING DEVICES AND SHALL BE CONSTRUCTED AND INSTALLED SO THAT THEY REMAIN INTACT AND ENGAGED WHEN SUBJECTED TO THE TESTS.

6. SLIDING DOORS AND WINDOWS SHALL BE PROVIDED WITH A LOCKING DEVICE IN THE UPPER CHANNEL OF THE MOVING PANEL IN THE CLOSED OR PARTIALLY OPEN POSITION.

7. OTHER OPENABLE WINDOWS SHALL BE PROVIDED WITH SUBSTANTIAL LOCKING DEVICES.

8. SCREENS, BARRICADES, OR FENCES MADE OF MATERIAL WHICH PRECLUDE HUMAN CLIMBING SHALL BE PROVIDED AT EVERY PORTION OF EVERY ROOF. BALCONY. OR SIMILAR SURFACE WICH IS WITHIN 8" OF UTILITY POLE OR SIMILAR STRUCTURE.

9. WHEN THE DOOE THAT HAS GLAZED OPENING WITHIN 40" OF THE DOOR LOXK IS IN THE CLISED POSITION SHALL BE FULLY TEMPERED GLASS, OR APPROVED BURGLARY RESISTANT MATERIAL. OR SHALL BE PROTECTED BY METAL BARS, SCREENS OR GRILLS WHICH HAVING A MAXIMUM OPENING OF 2". THIS OPENING SHALL NOT APPLY TO VIEW PORTS OR WINDOWS THAT DO NOT EXCEED 2" IN THEIR GREATEST DIMENTIONS.

10. LOCKS SHALL OPEN FROM INTERIOR WITHOUT USING A KEY, SPECIAL KNOWLEDGE OR SPECIAL EFFORTS.

11. GARAGE DOORS SHALL BE PROVIDED WITH SUBSTANTIAL LOCKING DEVICES SUCH AS GUIDE BARS, BOLTS. CROSS BARS, AND/OR PADLOCKS WITH MINIMUM 9/32" HARDENED STEEL SHACKLES AND HARFENED, BOLTED STEEL HASPS.

12. PROVIDE APPROVED GARAGE DOOR SPRINGS AND ANCHORAGE.
GARAGE DOOR SPRINGS AND

CONTAINMENT DEVICES SHALL BE LABELED.

FINISHES:

1. DRYWALL NAILING SHALL BE ACCORDING TO APPLICABLE BUILDING CODE REQUIREMENTS FOR THE TYPES AND THICKNESS BEING USED.

2. ALL DRYWALL APPLICATIONS TO BE INSPECTED AND APPROVED PRIOR TAPING.

 DRYWALL TO BE "U.S. GYPSUM" SHEETROCK OR EQUAL.
 ALL DRYWALL TO BE INSTALLED IN ACCOTDANCE WITH MANUFACTURE RECOMMENDATIONS.

5, 1-HOUR FIRE RESISTANT WALLS TO HAVE 5/8" SHEETROCK TYPE "X".
6. ALL TILES MUST BE SET WITH FIRST CLASS TILE SETTER.

7. ALL TILES SHALL BE FIRMLY SECURED IN PLACE WITH FILLED JOINTS

AT LEAST 1/16" WIDE.

8. LINES SHALL BE KEPT STRAIFHT AND TRUE, AND ALL FINISH
SURFACES BROUGHT TO LEVEL PLANES.
9. TILE WORKS SHALL BE "CERAMIC TILE" (AS SELECTED BY DESIGNER

OR OWNER) AND CEMENT MORTAR PER SPECIFICATIONS OF "CERAMIC TILE INSTITUTE".

10. REFER TO FINISH SCHEDULE FOR LOCATION OF TILE WORKS.

11. ALL PAINT SHALL BE "DUNN EDWARDS" OR EQUAL, READY MIXED PAINT.
12. PAINTING CONTRACTOR SHALL APPROVE CONDITIONS OF PLASTER,

ANY SURFACES PAINTED AND TO SEAL ALL SURFACES.

13. ALL COLORS TO BE SELECTED BY DESIGNER AND/OR APPROVED BY OWNER.

14. PROTECT ALL ADJACENT SURFACES AGAINST PAINT SPATTERING.
15. PAINT-GRADE DOORS SHALL RECEIVE 2-COATS ENAMEL.

16. INTERIOR WOODWORKS TO RECEIVE 2—COATS ENAMEL, IF NOT STAINED.

17. ALL BUILT—IN CABINETS SHALL RECEIVE 3—COATS ENAMEL, IF NOT STAINED.

18. EXTERIOR WOODWORKS TO RECEIVE 3—COATS EXTERIOR PAINT EXCEPT FOR NATURAL FINISH.

19. ALUMINUM SASH SHALL NOT BE PAINTED.20. PUTTY ALL NAIL HOLES AFTER FIRST COAT.

21. EXTERIOR STUCCO OR PLASTER SHALL HAVE COLOR COAT FINISHS

AS SELECTED BY DESIGNER AND/OR

APPROVED BY OWNER.

22. REMOVE ALL PAINT SPOTS, LEAVE IN A CLEAN AND ACCEPTABLE MANNER, READY FOR OCCUPANCY.

23. PAINTER TO SUBMIT A COLOR SAMPLE OF AREA TO BE PAINTED FOR DESIGNER OR OWNER'S APPROVAL.

24. PAINTER SHOULD RETURN AFTER ALL TRADES HAVE COMPLETED WORKS AND TOUCH-UP ALL PAINTED AREAS AS REQUIRED.

25. ALL CABINETS (DESIGN, TYPE AND FINISH) SHALL BE SELECTED BY THE OWNER OR DESIGNER.

26. ALL DRAWERS TO HAVE METAL GUIDES UNLESS APPROVED OR REQUESTED BY OWNER.

27. SUB-CONTRACTORS TO VERIFY DIMENSIONS OF ALL BUILT-IN EQUIPMENT PRIOR TO INSTALLATION, ALL WORKS TO HAVE A MINIMUM OF FACE NAILS-GLUE ALL STILES.

28. ALL SHELVES, POLES AND ATTIC ACCESS (AND LADDER WHERE OCCURS) TO BE SUPPLIED AND INSTALLED BY CABINET CONTRACTOR.

29. PROVIDE MINIMUM 30" CLEARANCE ABOVE RANGE TO UNPROTECTED COMBUSTABLE MATERIAL OR 24" CLEARANCE ABOVE RANGE OR TO OPEN BROILER WHEN METAL VENTILATION HOOD.

VENTILATION HOOD.

30. MODEL FOR ALL APPLIANCES TO BE SELECTED BY OWNER.

ELECTRICAL:

1. PLUMBERS AND ELECTRICIANS SHALL CHECK STRUCTURAL PLANS FOR ALL DUCTS, SLEEVES, ETC. INTERFERING WITH STRUCTURAL MEMBERS. IF ANY INTERFERENCE OCCURS, DESIGNER SHOULD BE NOTIFIED IMMEDIATELY.

2. PROVIDE APPROVED SMOKE DETECTOR WIRED TO ELECTRICAL SYSTEM WHERE APPLICABLE.

3. ALL EQUIPMENTS AND INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH THE UP—DATED U.E.C.

4. ELECTRICAL WORKS SHALL CONFORM TO UTILITY COMPANY REQUIREMENTS, ALL MATERIALS SHALL BE UL APPROVED.

5. ELECTRICAL SUB-CONTRACTOR SHALL PROPOSE LOCATIONS OF METERS, MAINS AND RECEIVING POLE AND OBTAIN OWNER'S APPROVAL FOR ITS LOCATION WHERE APPLICABLE.

6. CONTRACTOR SHALL FURNISH AND INSTALL CONDUITS TO TELEPHONE, EQUIPMENT SPACE IN METER AREAS AND INSTALL TELPHONE OUTLETS AS SHOWN ON PLANS OR ARCHITECTURAL FLOOR PLANS.

SYSTEM TO BE GROUNDED.
 SEPARATE CIRCUITS FOR GARBAGE DISPOSAL, WASHING MACHINE,

DRYER AND AIR CONDITIONER.

9. SWITCHES TO BE 42" ABOVE THE FLOOR, UNLESS OTHERWISE NOTED ON PLANS.

10. DUPLEX RECEPTACLES TO BE SPACED AT 12'-0" MAXIMUM ALONG
WALL AND ANY USABLE WALL SPACE 30" OR MORE IN WIDTH.

11. ELECTRICAL SUB-PANEL TO SURFACE OR FLUSH MOUNTED AS SHOWN,
OF CODE GAUGE STEEL AND SHALL BEAR UNDERWRITER'S LABEL,
PANEL TO HAVE SUFFICIENT SINGLE PHASE 20 AMP CIRDUIT
BREAKERS FOR LIGHTING AND POWER AND A MULTI-POLE CIRCUIT
BREAKER FOR AC UNIT.

12. ELECTRICIAN TO SUPPLY ALL KEYLESS FIXTURES, BATH FANS, FLUSH LIGHTS AND TV PREWIRE.

MECHANICAL & PLUMBING:

1. FRESH AIR COMBUSTION IN GAS BURNING APPLIANCES SHALL BE MINIMUM 100 SQ. INCHES FOR EACH APPLIANCE WITH A RATING NOT EXCEEDING 100,000 BTU INPUT. PLUS AN ADDITIONAL ONE SQUARE INCH FOR EACH 1,000 BTU IN EXCESS OF 100,000.

2. EQUIPMENT SHALL BE BEAR A PERMENT AND LEGIBLE NAMEPLATE ON WHICH SHALL APPEAR; THE MANUFACTURE'S NAME AND RATING OF THE APPLIANCE; A MODEL DESIGNATION; INSTRUCTIONS FOR THE OPERATION OF THE APPLIANCE, A SEAL OF APPROVAL OF THE APPLIANCE BY AN APPROVED TESTING LABORATORY.

3. EACH UNIT SHALL BEAR A METAL PLATE SECURELY FIXED TO THE APPLIANCE AND READILY ACCESSIBLE FOR INSPECTION, LEGIBLE TO IDENTIFY THE NAME AND ADDRESS OF THE INSTALLER, IF OTHER THAN THE OWNER.

4. ALL HEATING APPLIANCES SHALL BE CONNECTED TO A VENT COMPLYING WITH UP-DATED U.M.C.

5. VENTS AND DUCTS PENETRATING THE ROOF SHALL EXTEND A MINIMUM OF 8" ABOVE THE ROOF SURFACE.

6. CHECK THE FRAMING FOR ALL DUCTS, ETC. INTERFERRING WITH STRUCTURE MEMBERS.

7. INSTALL, CONNECT. AND INSPECT FORCED AIR UNIT WITH DUCTS AND VENTS (AND CONDENSER UNIT ON A PLATFORM OPTION) PER MANUFACTURE'S SPECIFICATIONS.

8. THE AIR CIRCULATION SYSTEM SHALL INCOPORATE AN AIR

FILTRATION SYSTEM.

9. ALL HEATING AND COOLING DUCTS LOCATED OUTSIDE THE BUILDING ENERGY ENVELOPE SHALL HAVE ALL

JOINTS AND SEAMS SEALED. BE INSULATED WITH A MINIMUM OF 1"

THICK (0.6 LBS/CU. FT.) FIBEROUS INSULATION.

10. HEATING AND AIR CONDITIONING CONTRACTOR TO INSTALL

THERMOSTAT FOR HVAC SYSTEM USING THERMOSTAT WIRE

PRE-INSTALLED BY ELECTRICIAN.

11. NO PIPES, CONDUITE OR DUCTS SHALL BE EMBEDDED INTO STRUCTURAL MEMBERS OR FOOTINGS UNLESS

SO SHOWN ON THE PLANS OR APPROVED BY ENGINEER.

12. ALL PLUMBING VENTS SHALL GO THROUGH ROOF WITH A MINIMUM OF 10'-0" FROM ANY PROPERTY LINE.

13. MINERAL FIBER INSULATION SHALL BE INSTALLED IN JOIST SPACES WHENEVER A PLUMBING PIPE OR DUCT PENETRATES A FLOOR—CEILING ASSEMBLIES OR WHERE SUCH A UNIT PASSED THROUGH THE PLANE OF THE FLOOR—CEILING ASSEMBLIES FROM WITHIN A WALL. THE INSULATION SHALL BE INSTALLED TO A POINT 12" BEYOND THE PIPE OR DUCTS.

14. WATER HEATERS OVER 4'-0" IN HEIGHT FROM BASE TO TOP OF TANK CASE SHALL HAVE RIGID WATER CONNECTIONS. WATER HEATERS WITH NON-RIGID CONNECTIONS SHALL BE STRAPPED FOR LATERAL SUPPORT.

15. NO TUB ACCESS PANEL SHALL BE REQUIRED. PROVIDE RIGID JOINT CONNECTIONS FOR ALL BATH TUBS AND SHOWER UNITS WHERE APPLICABLE.

16. ALL STEAM AND STEAM CONDENSATE RETURN PIPUNG AND ALL CONTINUOUSLY CIRCULATING DOMESTIC OR HEATING HOT PIPING SHALL BE INSULATED AD REQUIRED BY THE PLUMBING DIVISION.

BURNERS. SHALL BE EQUIPPED WITH
INTERMITTENT IGNITION DEVICES.

18. PROVIDE BACK DRAFT DAMPERS ON ALL EXHAUST FAN SYSTEM.

17. ALL GAS APPLIANCES. EXCEPT WATER HEATERS AND RANGE TOP

19. FIRE PROTECTION (WHERE APPLICABLE):

a. PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2A 10 BC FOR BUILDING AREA AND 5 BC FOR DARKING AREA, AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.

b. CONTRACTOR SHALL PROVIDE PORTABLE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 4A 40 BC DURING CONSTRUCTION.

20. ALL SPECIFICATIONS TO BE CHECKED AND VERIFIED WITH GENERAL CONTRACTOR.21. SEE PLANS FOR LOCATION OF ALL UTILITY SERVICES.

22. STUB OUT 2'-0" FOR SEWER HOOK-UP.

23. ALL OVERHEAD PLUMBING TO BE COPPER OR AS OTHERWISE NOTED.

24. ALL PLUMBING FIXTURES TO BE ACID RESISTANT.25. PLUMBER TO INSTALL CONDENSATION LINE FOR AIR CONDITIONER.

26. PLUMBER TO HOOK-UP AND INSTALL PROPER WATER LINE TO REFREIGERATOR FOR ICE-MAKER WHERE APPLICABLE.

27. PROVIDE GAS FOR F.A.U. WHERE APPLICABLE.

LINES TO REDUCE PIPE NOISE WHERE APPLICABLE.

29. PROVIDE CONTINUOUSLY CIRCULATING WATER FROM HOT WATER HEATER TO ALL SINKS REQUIRING HOT WATER. PROVIDE SYSTEM LAYOUT AND SPECS. FOR OWNER'S APPROVAL.

28. PROVIDE AIR CHAMBERS AND/OR RUBBER GASKETS ON WATER



SCALE: AS NOTE
Chkd by:
Date: 04.18.3

A-1.01

### 2020 Los Angeles Green Building Code

WATER CONSERVATION NOTES - ORDINANCE #184248

RESIDENTIAL BUILDINGS

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will

#### **PLUMBING SYSTEM**

- 1. Multi-family dwellings not exceeding three stories and containing 50 units or less shall install a separate meter or submeter within common areas and within each individual dwelling unit. (4.303.3)
- 2. Water use reduction shall be met by complying with one of the following:
- A. Provide a 20% reduction in the overall potable water use within the building. The reduction shall be based on the maximum allowable water use for plumbing fixtures and fittings as required by the Los Angeles Plumbing Code. Calculations demonstrating a 20% reduction in the building "water use baseline", as established in Table 4.303.4.1, shall be provided; or
- B. New fixtures and fittings shall comply with the maximum flow rates shown in Table 4.303.4.2, or C. Plumbing fixtures shall use recycled water.
- 3. New building on a site with 500 square feet or more of cumulative landscape area shall have separate meters or submeters for outdoor water use.

**Exception:** Fixture replacements

- 4. Additions and alterations on a site with 500 square feet or more of cumulative landscape area and where the entire potable water system is replaced, shall have separate meters or submeters for outdoor water use.
- 5. In other than single family dwellings, locks shall be installed on all publicly accessible exterior faucets and hose
- 6. Provide a cover having a manual or power-operated reel system in any permanently installed outdoor in-ground swimming pool or spa in one- and two-family dwellings. For irregular-shaped pools where it is infeasible to cover 100% of the pool due to its irregular shape, a minimum of 80% of the pool shall be covered.
- 7. Except as provided in this section, for sites with over 500 square feet of landscape area, alternate waste piping shall be installed to permit discharge from the clothes washer, bathtub, showers, and bathroom/restrooms wash basins to be used for a future graywater irrigation system. (4.305.1)
- 8. Except as provided in this section, where City-recycled water is available within 200 feet of the property line, water closets, urinals, floor drains, and process cooling and heating in the building shall be supplied from recycled water and shall be installed in accordance with the Los Angeles Plumbing Code.

(Rev. 01/01/20)

provide reasonable accommodation to ensure equal access to its programs, services and activities

- 9. In new buildings of 25 stories or less, the cooling towers shall comply with one of the following: A. Shall have a minimum of 6 cycles of concentration
- (blowdown); or B. A minimum of 50% of the makeup water supply to the cooling towers shall come from non-potable water sources, including treated backwash. (4.305.3.1)
- 10. In new buildings over 25 stories, the cooling towers shall comply with all of the following: A. Shall have a minimum of 6 cycles of concentration
- (blowdown); and B. 100% of the makeup water supply to the cooling towers shall come from non-potable water sources, including treated backwash.
- 11. Where groundwater is being extracted and discharged, develop and construct a system for onsite reuse of the groundwater. Alternatively, the groundwater may be discharged to the sewer.
- 12. Provide a hot water system complying with one of the following (Los Angeles Plumbing Code Section 610.4.1): A. The hot water system shall not allow more than 0.6
- gallons of water to be delivered to any fixture before hot water arrives. B. Where a hot water recirculation or electric resistance
- heat trace wire system is installed, the branch from the recirculating loop or electric resistance heat trace wire to the fixture shall contain a maximum of 0.6 gallons.
- C. Residential units having individual water heaters shall have a compact hot water system that meets all of the
- a. The hot water supply piping from the water heater to the fixtures shall take the most direct path. b. The total developed length of pipe from the water heater to farthest fixture shall not exceed the distances specified in Table 3.6.5 of the California
- Energy Code Residential Appendix. c. The hot water supply piping shall be installed and insulated in accordance with Section RA3.6.2 of the California Energy Code Residential Appendix.
- IRRIGATION SYSTEM

12. A water budget for landscape irrigation use that conforms

Water Efficient Landscape Ordinance (MWELO) is

required for new landscape areas of 500 sq. ft. or more.

recycled water, graywater, or water treated for irrigation

purposes and conveyed by a water district or public entity.

The following methods to reduce potable water use in landscape

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areas include, but are not limited to, use of captured rainwater,

to the California Department of Water Resources' Model

Section 313.0 of the Los Angeles Plumbing Code. sources of moisture.

GRN 12, shall be completed prior to final inspection approval.

11. Only a City of Los Angeles permitted hauler will be used for hauling of construction waste.

(Rev. 01/01/20)

minimum, the items listed in Section 4.410.1, shall be completed and placed in the building at the time of final inspection.

#### **FORM GRN 14** 2020 Los Angeles Green Building Code

with tape, plastic, or sheet metal until the final startup of the heating, cooling

Volatile Organic Compound (VOC) limits listed in Tables 4.504.1-4.504.3.

verified prior to final inspection approval. The manufacturer's specifications

showing VOC content for all applicable products shall be readily available at

17. All new carpet and carpet cushions installed in the building interior shall meet

the testing and product requirements of one of the following (4.504.3):

California Department of Public Health's Specification 01350

Scientific Certifications Systems Indoor Advantage™ Gold

Carpet and Rug Institute's Green Label Plus Program

Certified under UL GREENGUARD Gold

NSF/ANSI 140 at the Gold level

of the following (4.504.4):

FloorScore program

limits listed in Table 4.504.5.

cut sheet for verification.

provided to the occupant."

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PLUMBING FIXTURE FLOW RATES

Residential Occupancies

2020 Los Angeles Green Building Code

(Incorporate this form into the plans)

**SECTION 4.303.1** 

WATER REDUCTION FIXTURE FLOW RATES

completed prior to final inspection approval.

he job site and be provided to the field inspector for verification. (4.504.2.4)

VOC emission limits defined in the CHPS High Performance Products

Certification under the Resilient Floor Covering Institute (RFCI)

d. Meet the California Department of Public Health's Specification 01350

composite wood products used in the building shall meet the formaldehyde

21. Mechanically ventilated buildings shall provide regularly occupied areas of the

building with a MERV 13 filter for outside and return air. Filters shall be

installed prior to occupancy and recommendations for maintenance with filters

proposed slab on grade construction. A vapor barrier shall be provided in direct

contact with concrete for proposed slab on grade construction. (4.505.2.1)

Wall and floor framing shall not be enclosed until it is inspected and found to

24. Newly installed bathroom exhaust fans shall be ENERGY STAR compliant and

be ducted to terminate to the outside of the building. Fans must be controlled

by a humidistat which shall be readily accessible. Provide the manufacturer's

information from Energy Code Sections 110.10(b) through 110.10(c) shall be

handbooks and have their equipment selected in accordance with ANSI/ACCA

ANSI/ACCA Manual J-2004, ANSI/ACCA 29-D-2009 or ASHRAE

MAXIMUM ALLOWABLE FLOW RATE

1.8 gpm @ 80 psi

1.2 gpm @ 60 psi<sup>1,3</sup>

0.4 gpm @ 60 psi<sup>1,3</sup>

1.5 gpm @ 60 psi<sup>2,4</sup>

0.2 gallons/cycle

1.28 gallons/flush<sup>5</sup>

1.28 gallons/flush<sup>5</sup>

1.28 gallons/flush

0.125 gallons/flush

**ENERGY-STAR** certified

**ENERGY-STAR** certified

(Energy Code §110.10(d))

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**FORM** 

**GRN 16** 

(Rev. 01/01/20)

of the same value shall be included in the operation and maintenance manual

19. New hardwood plywood, particle board, and medium density fiberboard

burning fireplaces are prohibited per AQMD Rule 445.

and ventilating equipment.

### GREEN BUILDING CODE PLAN CHECK NOTES **RESIDENTIAL BUILDINGS**

- 1. For each new dwelling and townhouse, provide a listed raceway that can 13. All new gas fireplaces must be direct-vent, sealed combustion type. Wood accommodate a dedicated 208/240 volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter), shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the proposed location of an EV charger. The 14. All duct and other related air distribution component openings shall be covered panel or subpanel shall provide capacity to install a 40-ampere minimum ledicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for 15. Paints and coatings, adhesives, caulks and sealants shall comply with the future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE". (4.106.4.1)
- 16. The VOC Content Verification Checklist, Form GRN 2, shall be completed and 2. For common parking area serving R-occupancies, the electrical system shall have sufficient capacity to simultaneously charge all designated EV spaces at the full rated amperage of the Electric Vehicle Supply Equipment (EVSE). Design shall be based upon a 40-ampere minimum branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter), shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the proposed location of an EV charger. Raceways and related components that are planned to be installed underground, enclosed, inaccessible or in concealed areas and spaces shall be installed at the time of original construction. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in 18. 80% of the total area receiving resilient flooring shall comply with one or more
- 3. Roofs with slopes < 2:12 shall have a 3-year aged SRI value of at least 75 or both a 3-year aged solar reflectance of at least 0.63 and a thermal emittance of at least 0.75. Roofs with slopes > 2:12 shall have an aged SRI value of at least 16 or both a 3-year solar reflectance of at least 0.20 and a thermal emittance of (4.106.5)

accordance with the Los Angeles Electrical Code.

- 4. The required hardscape used to reduce heat island effects shall have a solar reflectance value of at least 0.30 as determined per ASTM E1918 or ASTM
- 5. The flow rates for all plumbing fixtures shall comply with the maximum flow 20. The Formaldehyde Emissions Verification Checklist, Form GRN 3, shall be 6. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads controlled by a single valve shall not exceed 2.0
- gallons per minute at 80psi, or the shower shall be designed to only allow one showerhead to be in operation at a time.
- 7. Installed automatic irrigation system controllers shall be weather- or soil-based 22. A 4-inch thick base of ½ inch or larger clean aggregate shall be provided for 8. For projects that include landscape work, the Landscape Certification, Form
- (State Assembly Bill No. 1881) 23. Building materials with visible signs of water damage shall not be installed. 9. Annular spaces around pipes, electric cables, conduits, or other openings in the building's envelope at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry, or metal plates. Piping prone to corrosion shall be protected in accordance with
- 10. Materials delivered to the construction site shall be protected from rain or other (4.407.4) 25. A copy of the construction documents or a comparable document indicating the
- (4.408.1) 12. For all new equipment, an Operation and Maintenance Manual including, at a
- 26. The heating and air-conditioning systems shall be sized and designed using

provide reasonable accommodation to ensure equal access to its programs, services and activities

**FIXTURE TYPE** 

Showerheads

Kitchen faucets

Metering Faucets

Clothes Washers

Dishwashers

Lavatory faucets, residential

Lavatory faucets, nonresidential

Gravity tank type water closets

Flushometer tank water closets

Flushometer valve water closets

A112.19.233.2.

<sup>1</sup>Lavatory Faucets shall not have a flow rate less than 0.8 gpm at 20 psi.

and must default to a maximum flow rate of 1.8 gpm @ 60psi.

with a maximum flush rate of 1.06 gallons/flush installed throughout.

## STORM WATER POLLUTION CONTROL

(2020 Los Angeles Green Building Code)

Storm Water Pollution Control Requirements for Construction Activities Minimum Water Quality Protection Requirements for All Construction Projects

#### The following notes shall be incorporated in the approved set of construction/grading plans and represents the minimum standards of good housekeeping which must be implemented on all construction projects.

Construction means constructing, clearing, grading or excavation that result in soil disturbance. Construction includes structure teardown (demolition). It does not include routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of facility; emergency construction activities required to immediately protect public health and safety; interior remodeling with no outside exposure of construction material or construction waste to storm water; mechanical permit work; or sign permit work. (Order No. 01-182, NPDES Permit No. CAS004001 – Part 5: Definitions)

- 1. Eroded sediments and pollutants shall be retained on site and shall not be transported from the site via sheet flow, swales, area drains, natural drainage or wind.
- 2. Stockpiles of earth and other construction-related materials shall be covered and/or protected from being transported from the site by wind or water.
- 3. Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and shall not contaminate the soil nor the surface waters. All approved toxic storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of properly and shall not be washed into the drainage system.
- 4. Non-storm water runoff from equipment and vehicle washing and any other activity shall be contained
- 5. Excess or waste concrete may not be washed into the public way or any drainage system. Provisions shall be made to retain concrete waste on-site until it can be appropriately disposed of or recycled.
- 6. Trash and construction –related solid wastes must be deposited into a covered receptacle to prevent contamination of storm water and dispersal by wind.
- 7. Sediments and other materials shall not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the street/public ways. Accidental depositions must be swept up immediately and may not be washed down by rain or by any other means.
- 8. Retention basins of sufficient size shall be provided to retain storm water runoff on-site and shall be properly located to collect all tributary site runoff.
- 9. Where retention of storm water runoff on-site is not feasible due to site constraints, runoff may be conveyed to the street and the storm drain system provided that an approved filtering system is installed and maintained on-site during the construction duration.

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VOC AND FORMALDEHYDE LIMITS

2020 Los Angeles Green Building Code

**FORM GRN 11** 

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**FORM** 

GRN 1

(Incorporate this form into the plans) 2020 Los Angeles Green Building Code Tables 4.504.1, 4.504.2, 4.504.3, 4.504.5, 5.504.4.1, 5.504.4.2, 5.504.4.3, 5.504.4.5 FORMALDEHYDE LIMITS<sup>1</sup> VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS 2,3 Maximum Formaldehyde Emissions in Parts per Million Grams of VOC per Liter of Coating. Less Water and Less Exempt Compound Hardwood plywood veneer core COATING CATEGORY 2,3 Hardwood plywood composite core Nonflat coatings Medium density fiberboard Nonflat-high gloss coatings Thin medium density fiberboard<sup>2</sup> Specialty Coating <sup>1.</sup> Values in this table are derived from those specified by the California Air Resources Board, Air Toxics Control Measure for Composite Wood as tested in accordance with ASTM E 1333. For additional information, see California Code of Regulations, Title 17, Sections 93120 through 13120.12. Aluminum roof coatings Basement specialty coatings Bituminous roof coatings Thin medium density fiberboard has a maximum thickness of 5/16 inches (8 mm). Bituminous roof primers SEALANT VOC LIMIT
Less Water and Less Exempt Compounds in Grams per Lite Bond breakers Concrete curing compounds oncrete curing compounds, Roadways Bridges Marine deck Concrete/masonry sealers Nonmembrane roo riveway sealers Ory fog coatings Faux finishing coatings Single-ply roof membrane Clear Top Coat Decorative Coatings Nonporous Porous Trowel Applied Coatings Modified bituminous 5 ire resistive coatings Marine deck Floor coatings orm-release compounds Graphic arts coatings (sign paints) these tables, see South Coast Air Quality Management District Rule 1168 High temperature coatings **ADHESIVE VOC LIMIT 1,2** ndustrial maintenance coatings Less Water and Less Exempt Compounds in Grams per Lite
ARCHITECTURAL APPLICATIONS CURRENT VOC LI Low solids coatings1 Magnesite cement coatings Indoor carpet adhesives Mastic texture coatings Carpet pad adhesives Metallic pigmented coatings Outdoor carpet adhesive: Multicolor coatings Wood flooring adhesive Pretreatment wash primers Rubber floor adhesives Primers, sealers, and undercoaters Subfloor adhesives Reactive penetrating sealers Ceramic tile adhesives Recycled coatings CT and asphalt tile adhesives Roof coatings Drywall and panel adhesives Roof coatings, aluminum Cove base adhesives Multipurpose construction adhesives Rust preventative coatings Structural glazing adhesives Single-ply roof membrane adhesives Clear Other adhesives not specifically listed Opaque SPECIALTY APPLICATIONS Specialty primers, sealers and undercoaters VC welding CPVC welding Stains, Interior ABS welding Stone consolidants Plastic cement welding wimming pool coatings Adhesive primer for plastic raffic marking coatings Contact adhesive Tub and tile refinish coatings Special purpose contact adhesive Vaterproofing membranes Structural wood member adhesive Vood coatings Top and trim adhesive Vood preservatives SUBSTRATE SPECIFIC APPLICATIONS Zinc-rich primers

Grams of VOC per liter of coating, including water and including exempt compared limits one listed in subsequence. Metal to metal Plastic foams Porous material (except wood)

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2020 Los Angeles Green Building Code

### **FORM** GRN 9

# MANDATORY REQUIREMENTS CHECKLIST

#### ADDITIONS AND ALTERATIONS TO RESIDENTIAL BUILDINGS (COMPLETE AND INCORPORATE THIS FORM INTO THE PLANS)

Permit # \_\_\_\_\_ COMMENTS REFERENCE ITEM CODE REQUIREMENT # SECTION Sheet # e.g. note #, detail # or N/A or reason for N/A PLANNING AND DESIGN Storm water drainage and retention during 1 4.106.2 construction 2 4.106.3 Grading and paving Cool roof (additions  $\geq 500$  sq. ft. or  $\geq 50\%$ ) | N/A |ENERGY EFFICIENCY 4 4.211.4 Solar ready (additions  $\geq$  2,000 sq. ft.) WATER EFFICIENCY & CONSERVATION Water conserving plumbing fixtures and 5 4.303.1 A1.02 GRN 14 #5 fittings 6 4.303.1.3.2 Multiple showerheads serving one shower NO MULTIPLE SHOWERHEADS 7 4.303.4 Water use reduction 8 4.304.1 Outdoor water use in landscape areas 9 4.304.2 **Irrigation controllers** 10 4.304.3 Metering outdoor water use 11 4.304.4 Exterior faucets 12 | 4.304.5 Swimming pool covers GRN 18R #7 13 4.305.1 Graywater ready Recycled water supply to fixtures 14 4.305.2 GRN 18R #8 Cooling towers (buildings  $\leq 25$  stories) 15 | 4.305.3.1 16 4.305.3.2 Cooling towers (buildings > 25 stories) MATERIAL CONSERVATION & RESOURCE EFFICIENCY GRN 18R DETAILS GRN 14#10 17 | 4.406.1 Rodent proofing 18 | 4.407.3 Flashing details 19 4.407.4 Material protection GRN 14#1 20 4.408.1 **Construction waste reduction** GRN 14#12 21 4.410.1 Operation and maintenance manual ENVIRONMENTAL QUALITY

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(Rev. 02/12/2020)

22 4.503.1 Fireplaces and woodstoves

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N/A

NO FIREPLACES

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**FORM** 

		2020 Los Angeles Green Bu	uilding Code	GRN 9
ITM#	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A)	comments  (e.g. note #, detail # or reason for N/A)
23	4.504.1	Covering of duct openings and protection of mechanical equipment during construction	711.02	GRN 11, GRN 14 #14,#15
24	4.504.2	Finish material pollutant control	A1.02	GRN 14 #14,#15
25	4.504.2.1	<ul> <li>Adhesives, sealants, caulks</li> </ul>	A1.02	GRN 14 #14,#15
26	4.504.2.2	<ul> <li>Paints and coatings</li> </ul>		·
27	4.504.2.3	<ul> <li>Aerosol paints and coatings</li> </ul>		
28	4.504.2.4	<ul><li>Verification</li></ul>	A1.02	GRN 14 #16
29	4.504.3	Carpet systems	A1.02	<u>GRN 11, GRN 14 #1</u> 5
30	4.504.3.1	Carpet cushion	A1.02	GRN 14 #15 #17
31	4.504.4	Resilient flooring systems	A1.02	GRN 14 #18
32	4.504.5	Composite wood products	A1.02	GRN 11, GRN 14 #19
33	4.504.6	Filters	A1.02	GRN-14 #21
34	4.505.2.1	Capillary break	N/A	GRN-14 #22
35	4.505.3	Moisture content of building materials	A1.02	GRN-14 #23
36	4.506.1	Bathroom exhaust fans	A1.02, A2.01,A2.02	GRN 14 #24, #25, FLOOR PLAN, RCP
37	4.507.2	Heating and air-conditioning system design	A1.02	GRN-14 #26



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(Rev. 02/12/2020) Page 2 of 2 www.ladbs.org

LADBS STAMP

and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities. (Rev. 01/01/20)

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Page 1 of 1

<sup>2</sup> Kitchen faucets may temporarily increase flow above the maximum rate, but not above 2.2gpm @ 60psi

<sup>3</sup> Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

<sup>4</sup> Kitchen faucets with a maximum 1.8 gpm flow rate may be installed in buildings that have water closets

Single Flush Toilets - The effective flush volume shall not exceed 1.28 gallons (4.8 liters). The

Dual Flush Toilets - The effective flush volume shall not exceed 1.28 gallons (4.8 liters). The

effective flush volume is the average flush volume when tested in accordance with ASME

effective flush volume is defined as the composite, average flush volume of two reduced flushes

and one full flush. Flush volumes will be tested in accordance with ASME A112.19.2 and ASME

<sup>5</sup> Includes single and dual flush water closets with an effective flush of 1.28 gallons or less.

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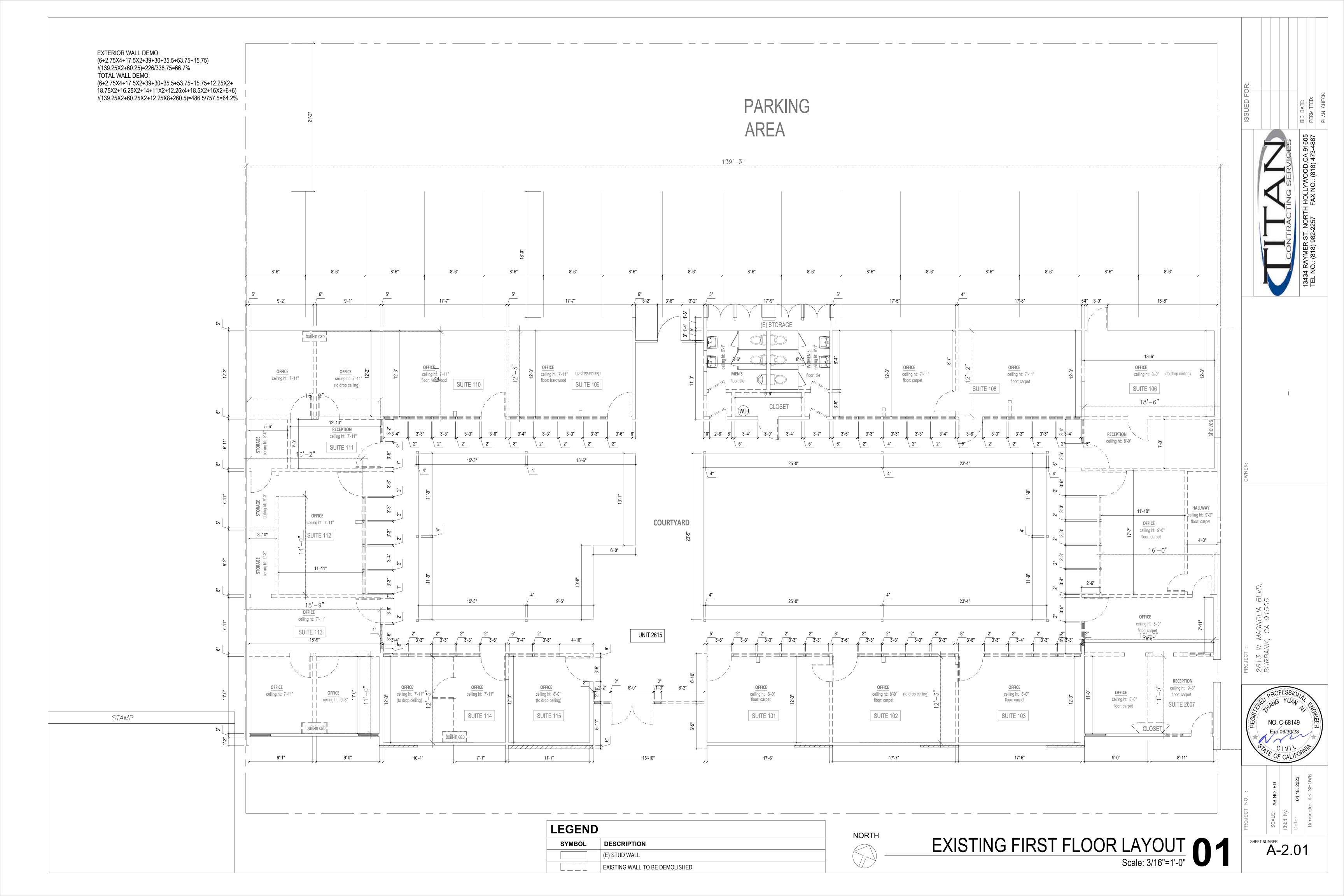
Page 1 of 1

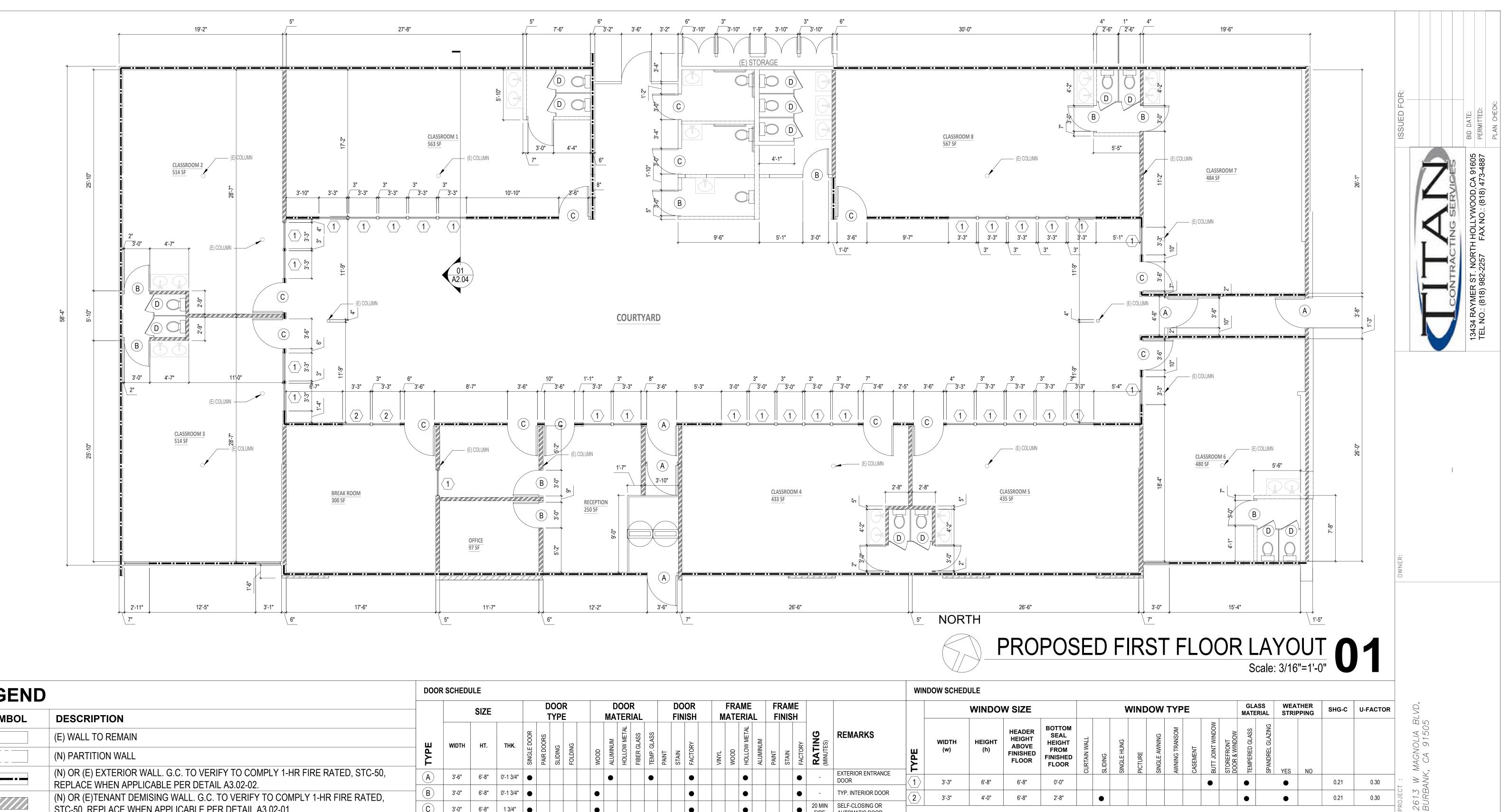
Some values in this table are derived from those specified by the California Air Resources Board. Architectural Coatings Suggested Control Measure, February 5, 2016. More information is available from the Air Resources Board.

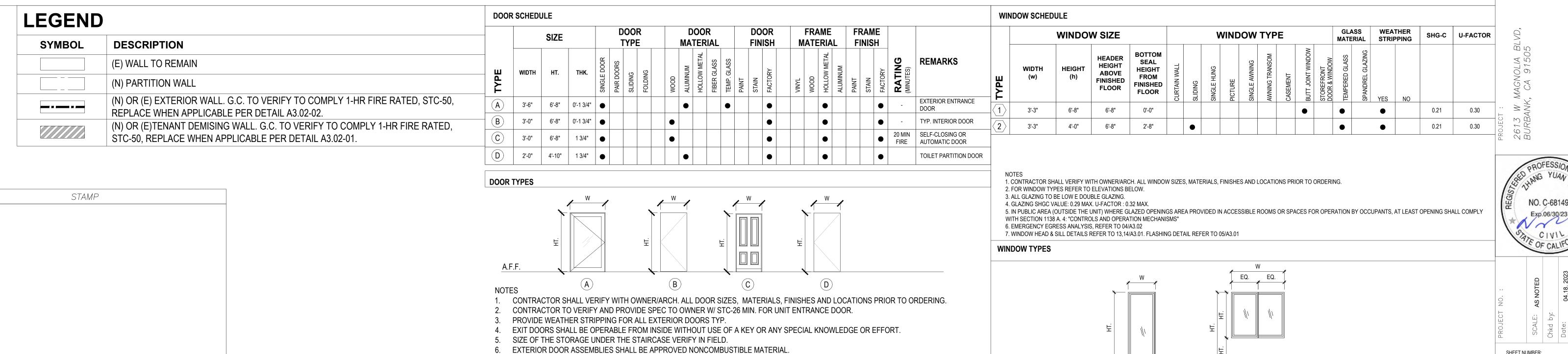
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If an adhesive is used to bond dissimilar substrates together, the adhesive with the highest For additional information regarding methods to measure the VOC content specified in this

table, see South Coast Air Quality Management District Rule 1168, http://www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF.







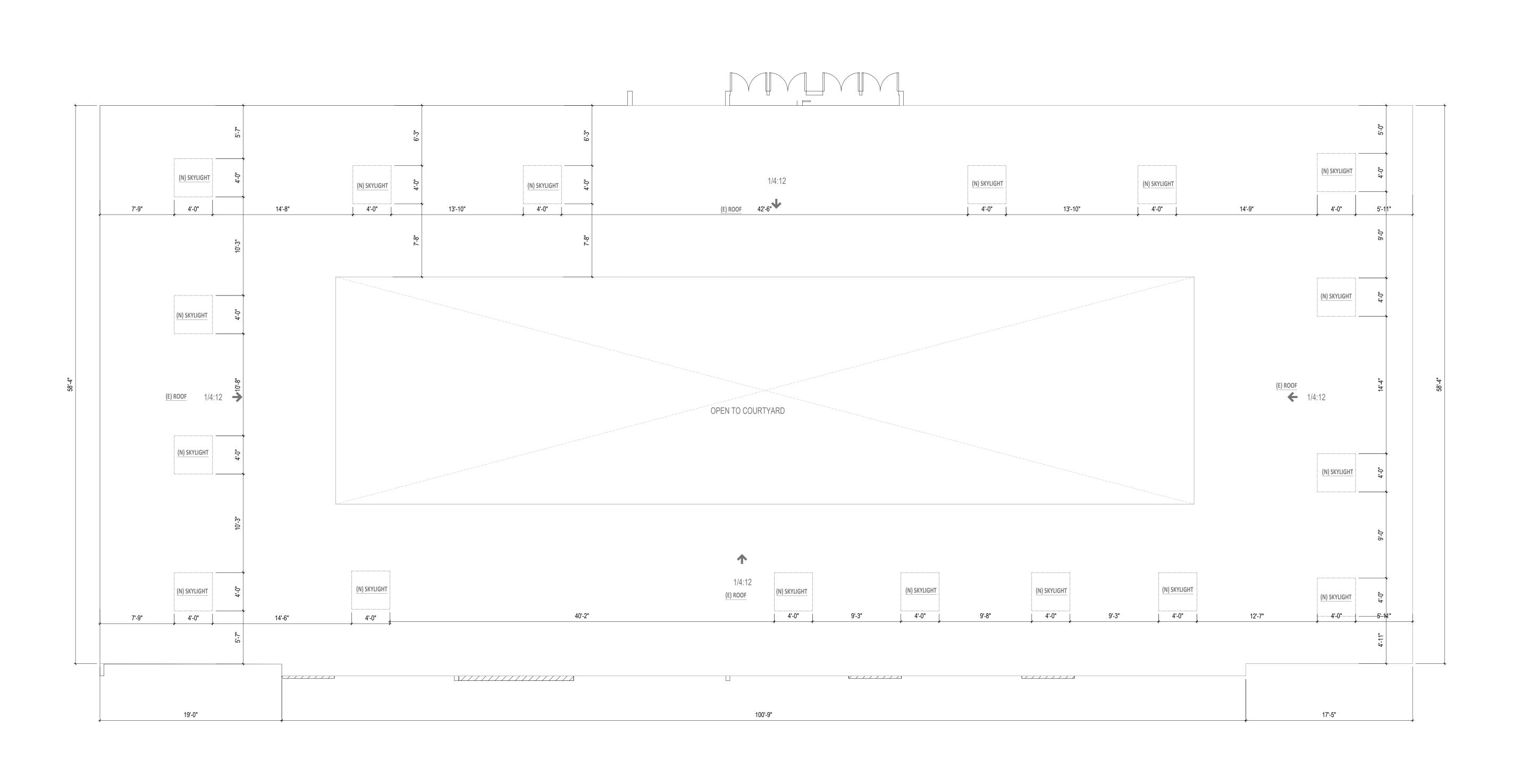
7. EXTERIOR GLAZED DOOR: SHGC VALUE:0.29 MAX. U-FACTOR: 0.32 MAX. FOR RESIDENTIAL

A.F.F.

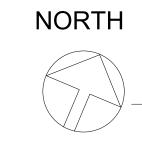
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**2** 

A-2.02



STAMP

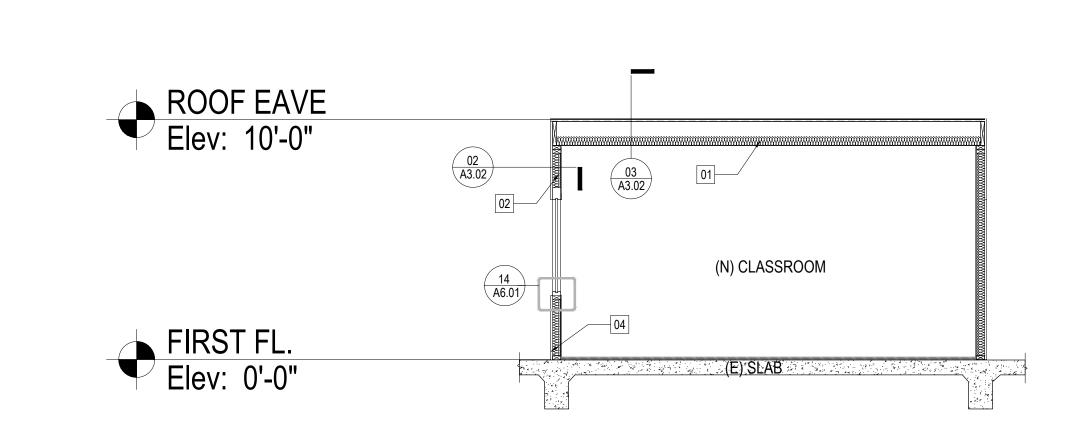


PROPOSED ROOF LAYOUT
Scale: 3/16"=1'-0"



SCALE: AS NOTED
Chkd by:
Date: 04.18.2023
Dimscale: AS SHOWN

SHEET NUMBER: A-2.03





PROPOSED SECTION VIEW
Scale: 1/4"=1'-0"

ELEVATION KEY NOTES				
DESCRIPTION				
(N) ALUMINUM WINDOW 1/4" DOUBLE GLAZING W/ TEMPERED GLASS. SEE A2.02, WINDOW SCHEDULE				
R-30 INSULATION AT ATTIC CEILING ABOVE, TYP.				
R-19 INSULATION AT EXTERIOR WALL TYP.				
(N) & (E) EXT. STUCCO WALL TO MATCH EXISTING MAIN DWELLING BUILDING				

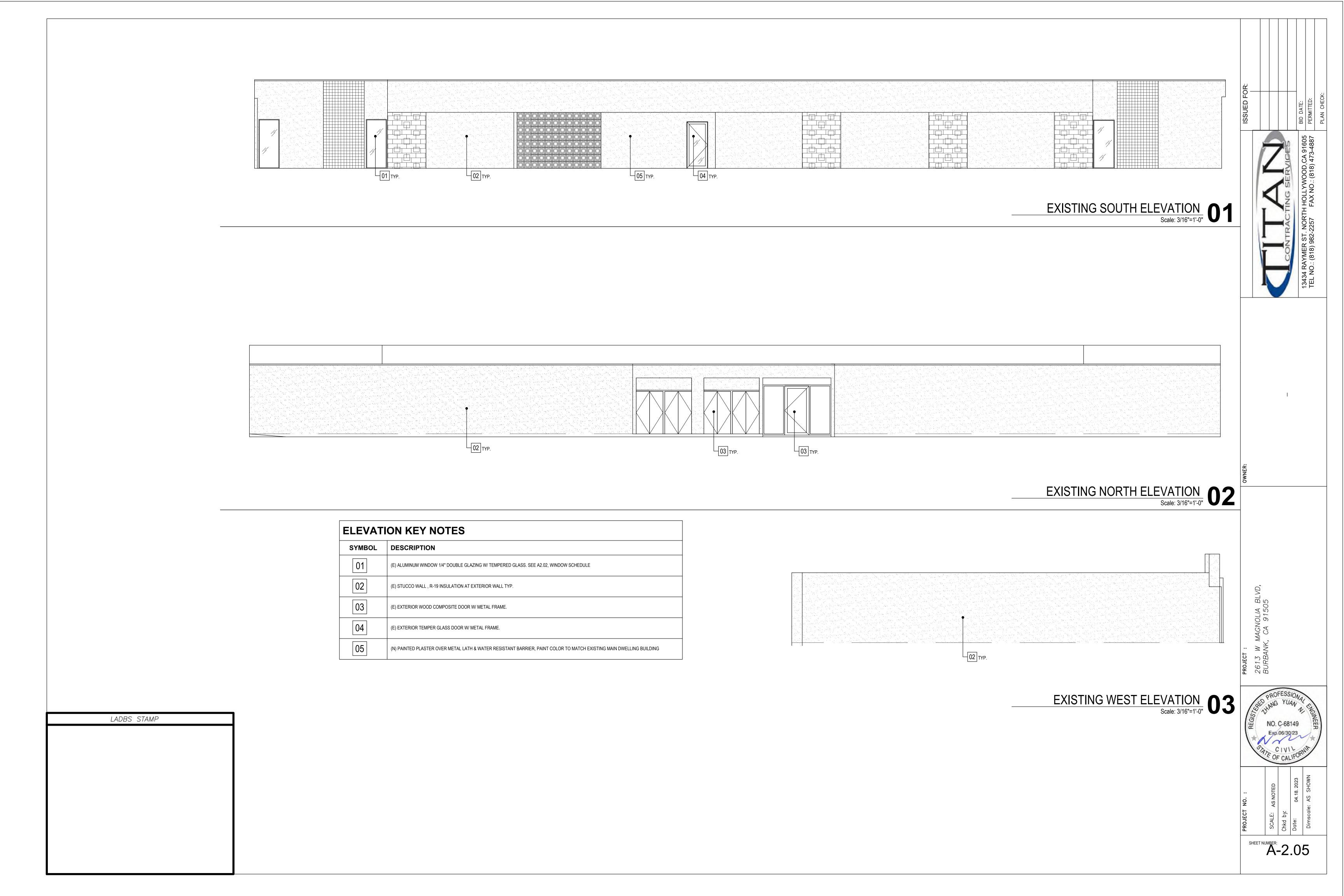
Project : 2613 W MAGNOLIA BLVE BURBANK, CA 91505

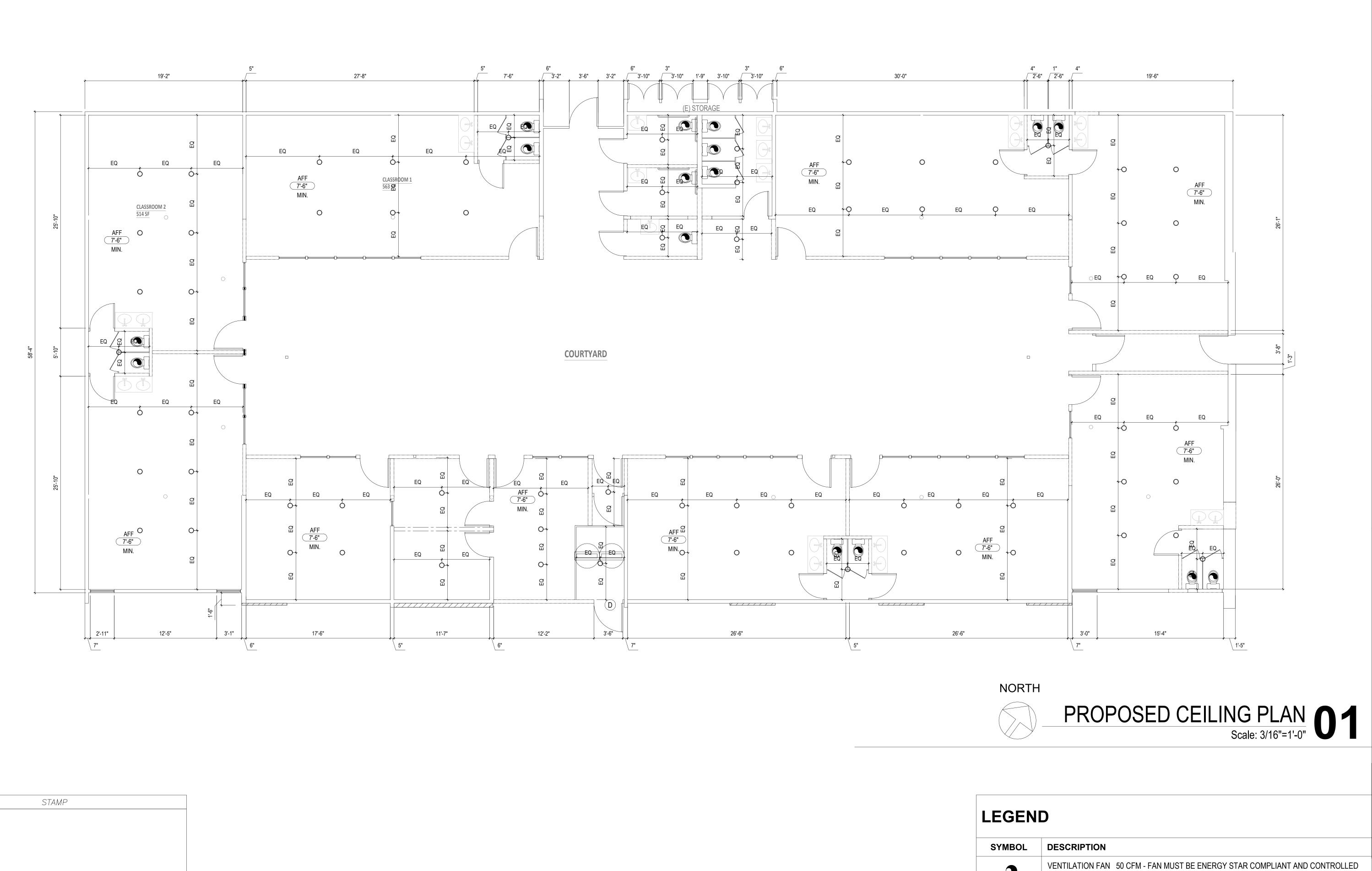


SCALE: AS NOTED
Chkd by:
Date: 04.18.2023

A-2.05

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BY HUMIDISTAT SWITCH.

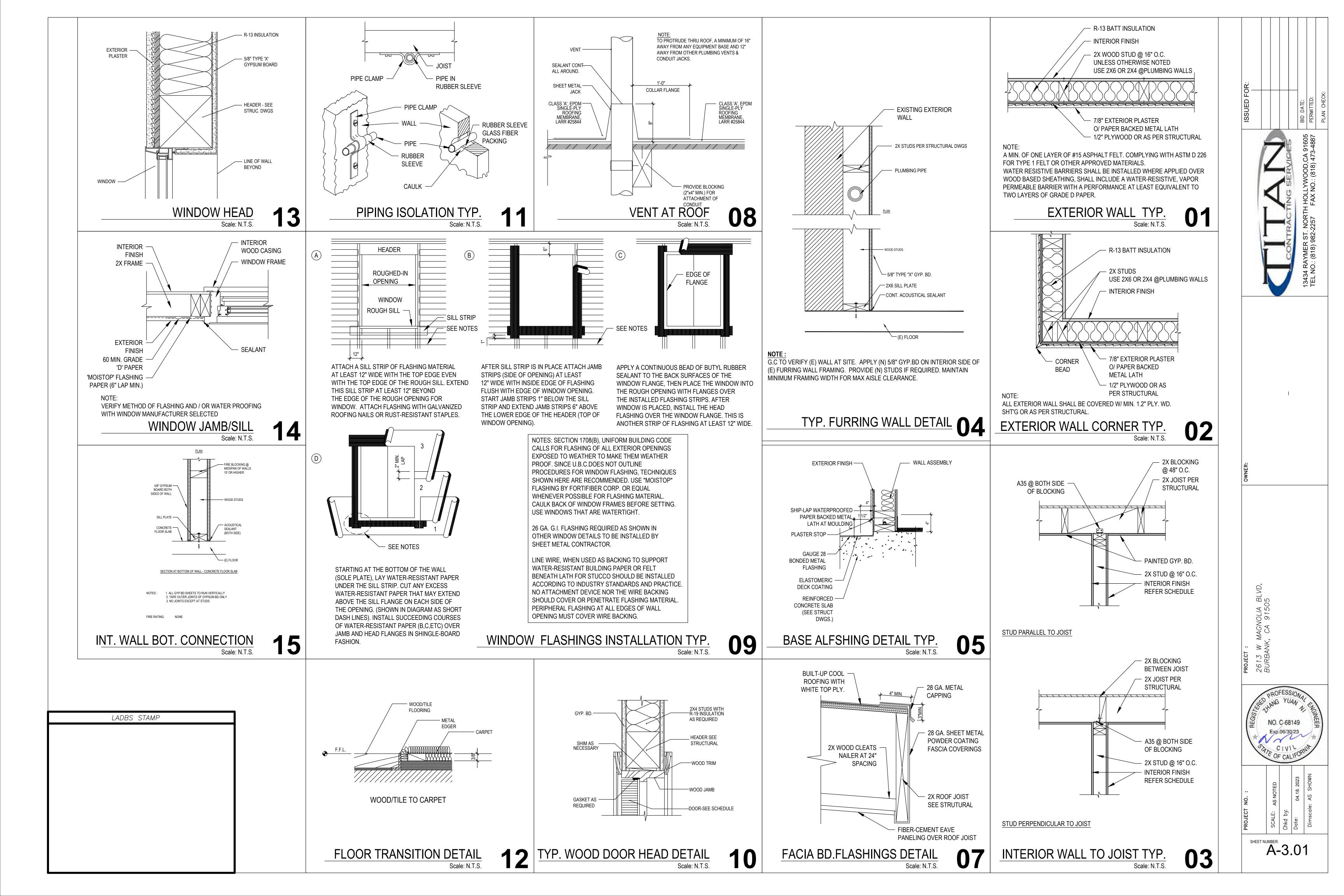
SMOKE AND CARBON MONOXIDE DETECTOR

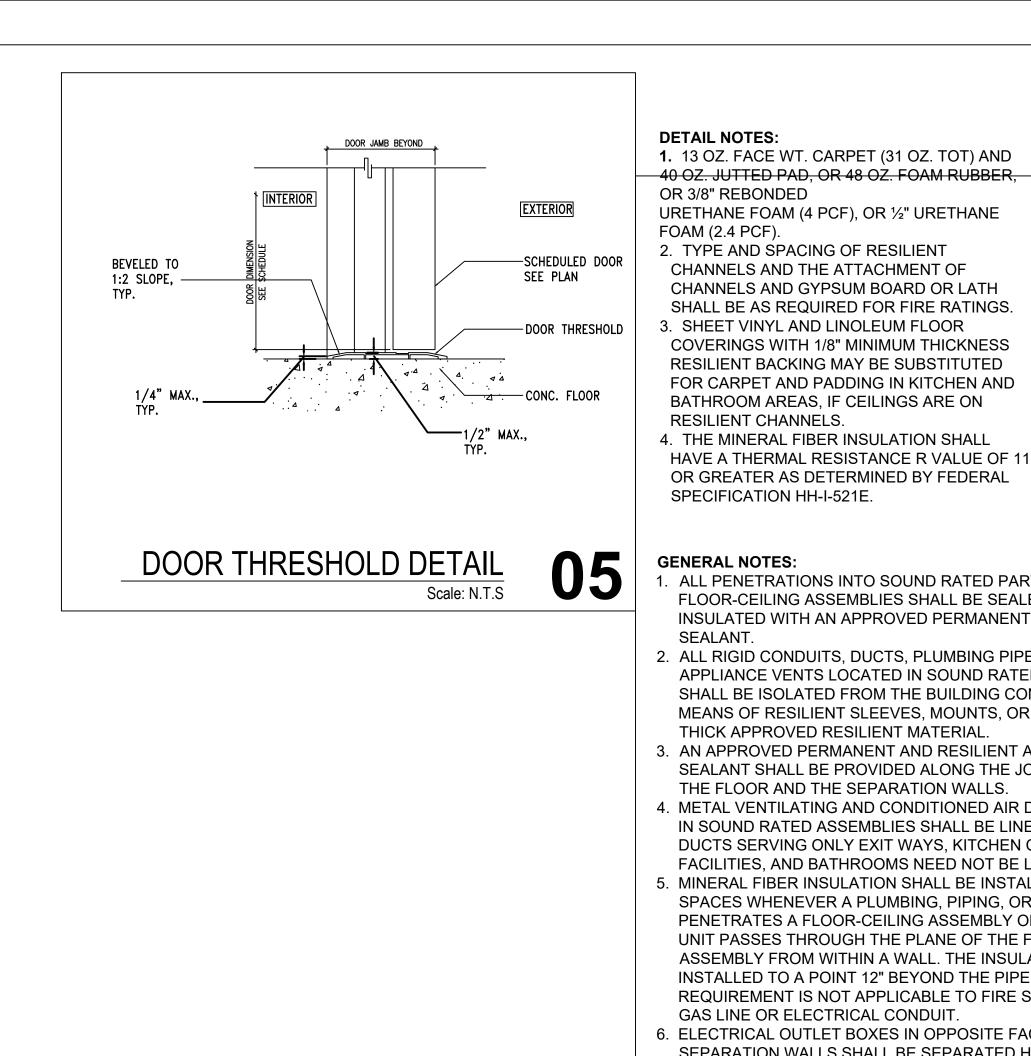
(HARD-WIRED & INTERCONNECTED)

4" RECESSED LED LIGHT FIXTURE

HARD CEILING SPOT ELEVATION

A-2.03

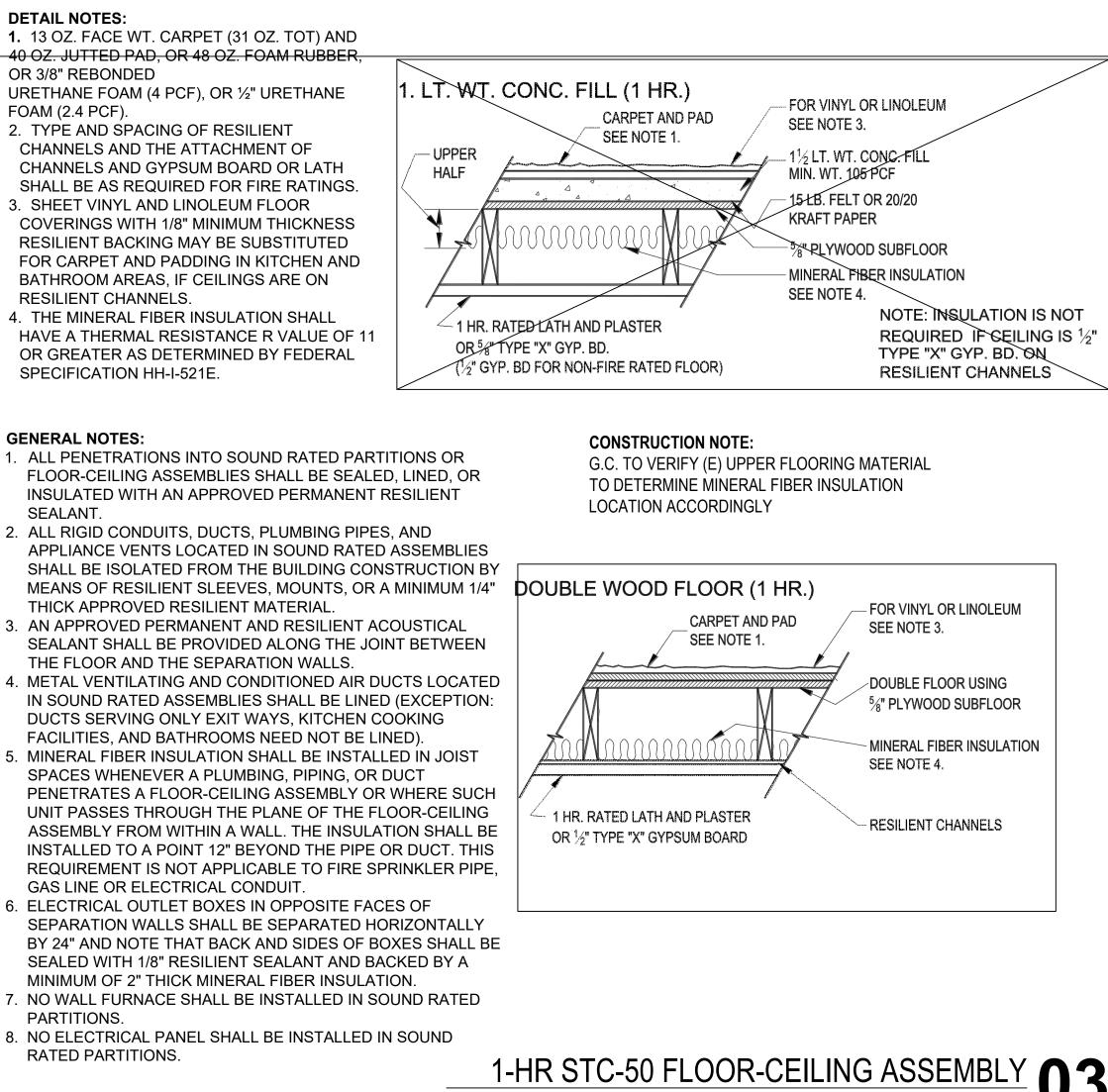




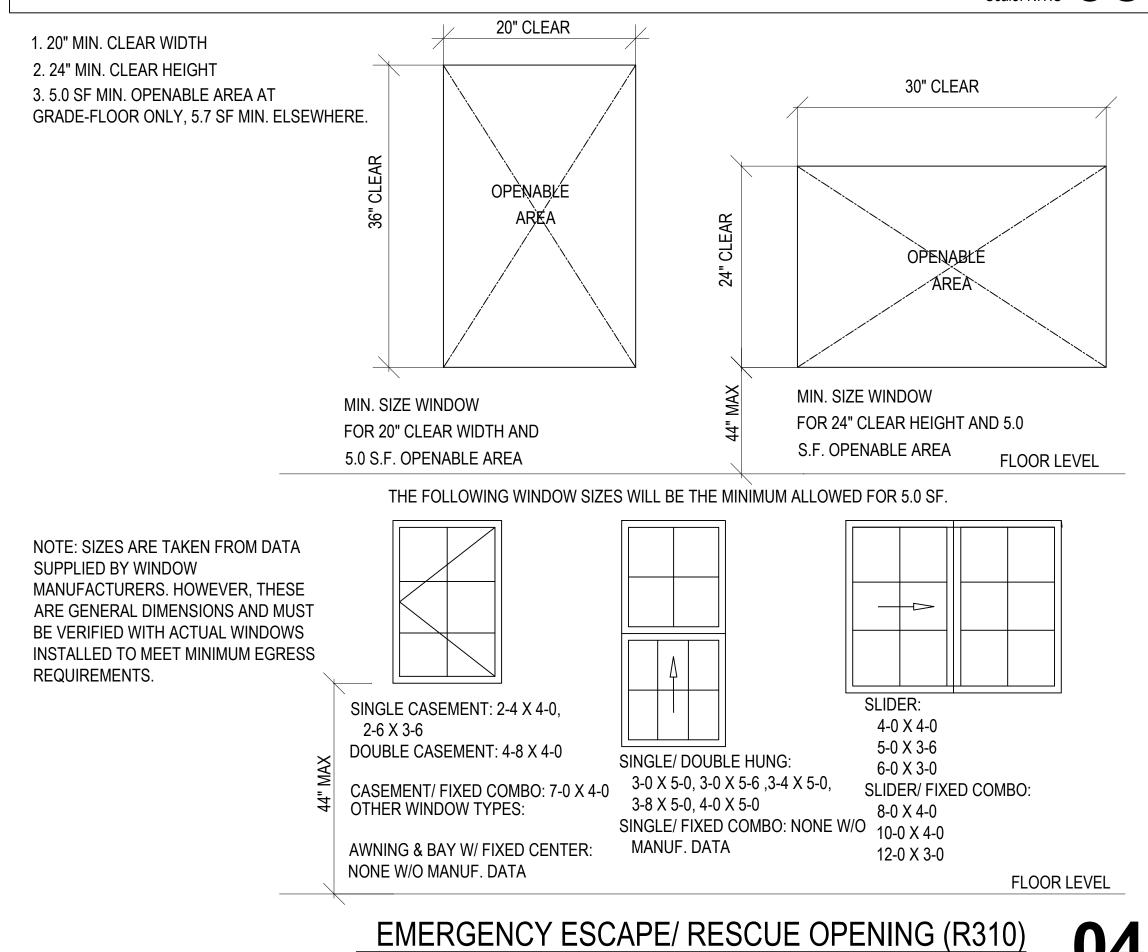
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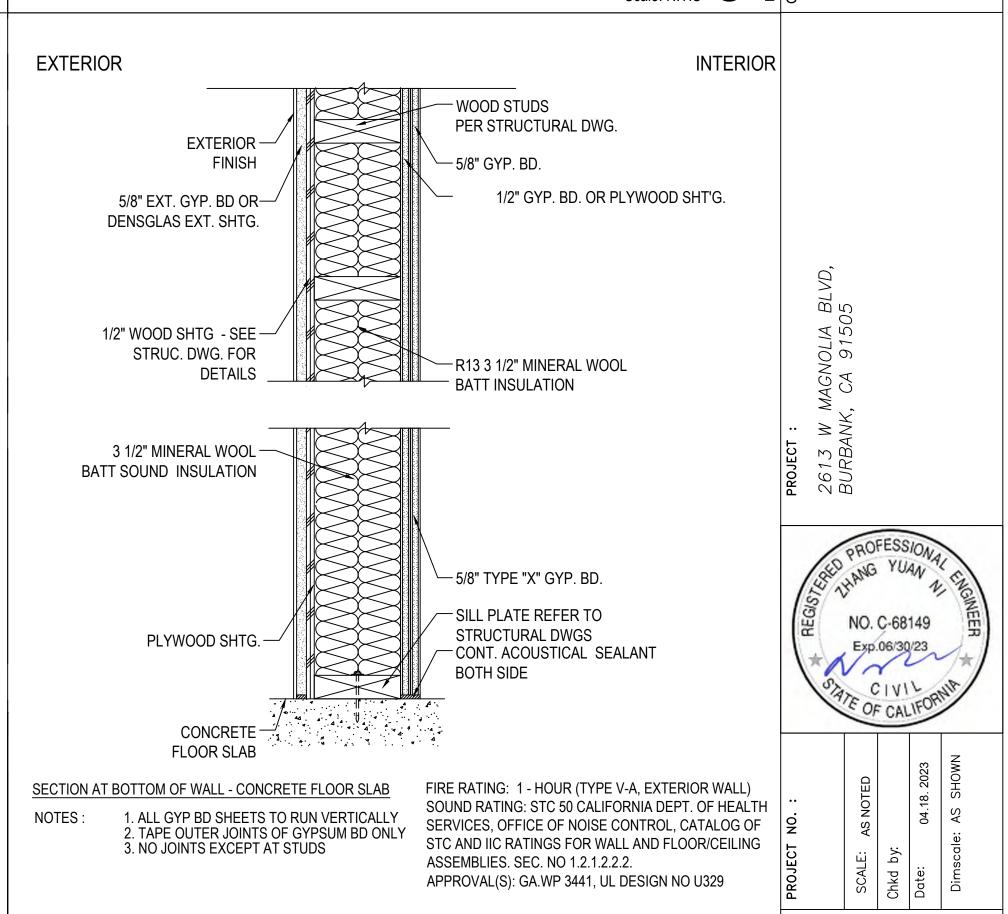
PARTITIONS.

RATED PARTITIONS.



JOINT TAPE & 1 LAYER 5/8" GYP. BD. OVER COMPOUND RESILIENT CHANNEL ACOUSTICAL ' -2X6 DOUBLE SEALANT PROPOSED ADJACENT TOP PLATES (EACH SIDE) A.D.U. UNIT TENANT UNIT SECTION AT TOP OF WALL - 2x4 WOOD STUDS STAGGERED 1 LAYER 5/8" @ 16"O.C. GYP. BD. PLYWOOD SHT'G. WHERE OCCURS REFER TO STRUCTURE DWG. 3 1/2" MINERAL WOOL BATT INSULATION - 2 LAYERS OF 5/8" TYPE "X" GYP. BD. - 2X4 SOLID HORIZONTAL BLOCKING @ MIDSPAN ON EA. SIDE OF WALL. BLOCKING PLYWOOD SHTG. - SEE — SHALL NOT CONTACT OPPOSITE SIDE ROW STRUC. DWG. FOR OF STUDS AND THE AIR GAP SHALL REMAIN DETAILS FREE AND CLEAR OF DEBRIS. - 2 LAYERS OF 5/8" TYPE "X" GYP. BD. CONT. ACOUSTICAL - SILL PLATE, REFER TO STRUCTURAL SEALANT BEADS OR MIN. 1/2" WIDE ACOUSTICAL TAPE OR AMORFORAM CONT. ACOUSTICAL SEALER UNDERNEATH SEALANT BOTH PLATE - CONCRETE SLAB SECTION AT BOTTOM OF WALL - CONCRETE FLOOR SLAB NOTES: 1. ALL GYP BD SHEETS TO RUN VERTICALLY 2. 6" STRIP TAPE OUTER JOINTS OF GYPSUM BD ONLY 3. NO JOINTS EXCEPT AT STUDS FIRE RATING: 1 - HOUR (UNIT SEPARATION WALL) SOUND RATING: STC 51\*CALIFORNIA DEPT. OF HEALTH SERVICES, OFFICE OF NOISE CONTROL, CATALOG OF STC AND 11C RATINGS FOR WALL AND FLOOR/CEILING ASSEMBLIES. SEC. NO 1.2.3.2.5.5. APPROVAL(S): GA WP 3380 (FIRE RATING) 1-HR STC-50 FLOOR-CEILING ASSEMBLY OS Scale: N.T.S OS Scale: N





1-HR FIRE RATED, STC-50 EXTERIOR WALL Scale: N.T.S

A-3.02