

Courtesy Notice

Dear Campbell Resident,

May 31st, 2024

We are notifying you that the Planning Division of the Community Development Department of the City of Campbell has received an application for the following project:

Project Address: 1308 Parsons Ave

Zoning | Area Plan: PO | N/A

Neighborhood Association(s): N/A

Council District: 1

File No.: PLN-2024-85

APN: 414-33-037

Applicant: Ginger McCrea

Property Owner: Ginger McCrea

Application Type: Extension of Approval

Project Planner: Tracy Tam Associate Planner

Email Contact: tracyt@campbellca.gov

Phone Contact: (408) 871-5103

Project Description:

To allow an extension to a previously granted Conditional Use Permit with Site and Architectural Review which allowed the conversion of a single-family residence to a commercial office and a Parking Modification Permit which allowed a reduction in the number of required parking spaces.

If you would like to find out more information regarding the proposed project, please view the project plans using the QR code below or contact the Project Planner. The City will send you another notice before the City makes a decision regarding approval of the project.

Before a decision is reached you will receive a formal notice providing another opportunity for public comment.



- City of Campbell -
Community Development Department
70 N. First Street, Campbell CA 95008
(408)866-2140 | planning@campbellca.gov

Note: Applications may change after initial application submittal. To view the project plans, please scan the QR code.

**Asistencia en Español disponible,
Simplemente marque (408) 866-2140 y pida traducción en Español



| REVISIONS | |
|-----------|------------|
| NO. | DATE |
| 1 | 2/28/2019 |
| 2 | 2/28/2020 |
| 3 | 8/14/2020 |
| 4 | 11/29/2020 |
| 5 | 4/29/2021 |
| 6 | 6/17/2021 |
| 7 | 10/21/2021 |

W. CHARLES PERRY & ASSOCIATES
 231 W. 41ST AVE.
 SAN MATEO, CA 94403
 650-638-9546



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LOT LINE ADJUSTMENT
GINGER MCCREA
 1308 PARSONS AVE.
 CAMBELL, CA. 95008

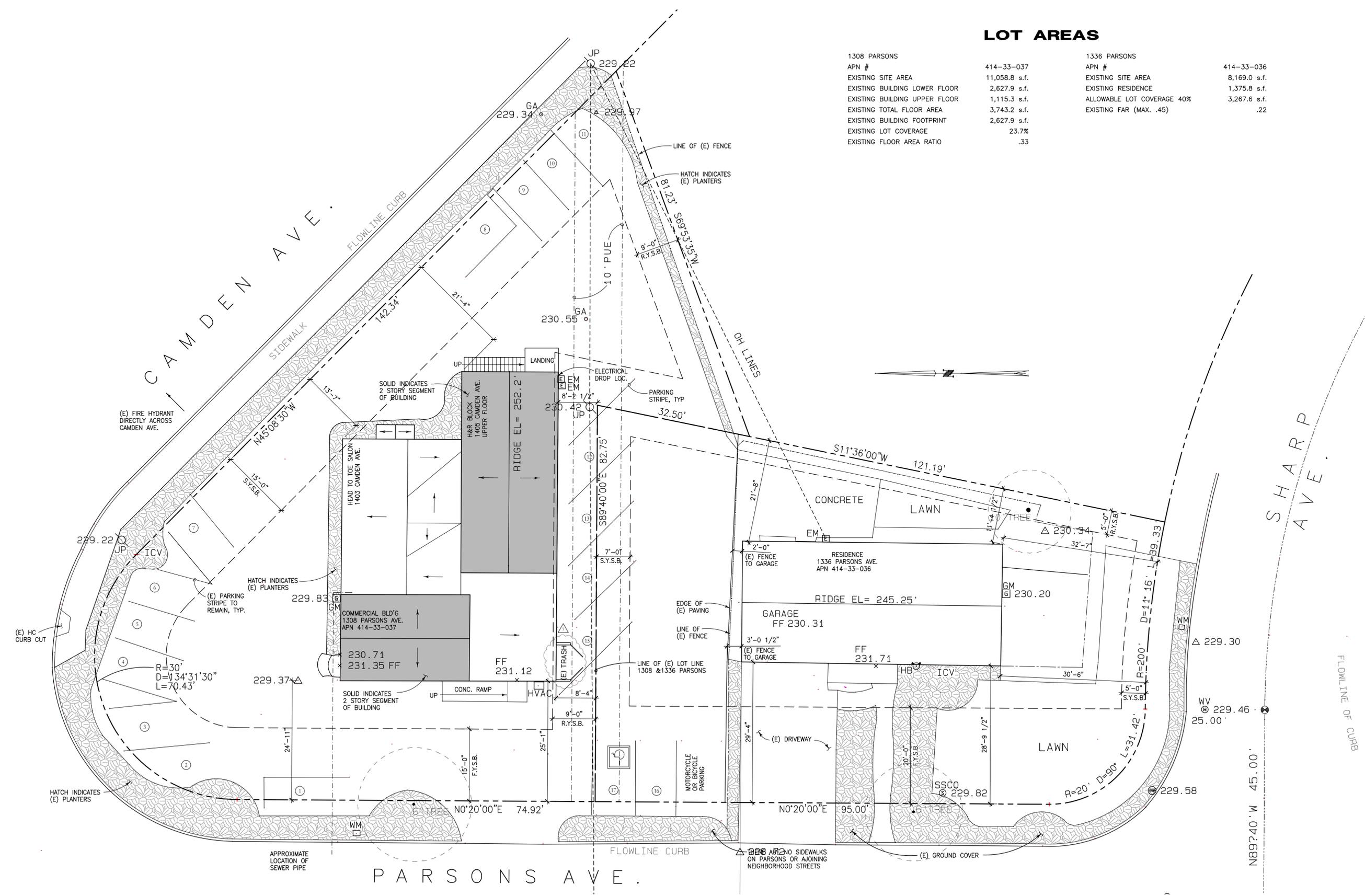
(E) LOT PLAN

DATE: 12-3-2018
 DRAWN BY: WM & MM
 JOB#: PARSONS

A0.1

LOT AREAS

| 1308 PARSONS | 414-33-037 | 1336 PARSONS | 414-33-036 |
|-------------------------------|---------------|----------------------------|--------------|
| APN # | 414-33-037 | APN # | 414-33-036 |
| EXISTING SITE AREA | 11,058.8 s.f. | EXISTING SITE AREA | 8,169.0 s.f. |
| EXISTING BUILDING LOWER FLOOR | 2,627.9 s.f. | EXISTING RESIDENCE | 1,375.8 s.f. |
| EXISTING BUILDING UPPER FLOOR | 1,115.3 s.f. | ALLOWABLE LOT COVERAGE 40% | 3,267.6 s.f. |
| EXISTING TOTAL FLOOR AREA | 3,743.2 s.f. | EXISTING FAR (MAX. .45) | .22 |
| EXISTING BUILDING FOOTPRINT | 2,627.9 s.f. | | |
| EXISTING LOT COVERAGE | 23.7% | | |
| EXISTING FLOOR AREA RATIO | .33 | | |



(E) LOT PLAN
 SCALE: 1"=10'-0"

20211025:1418329 © AutoCAD 2018. All rights reserved. 10/18/2018 10:18:32 AM W:\WORKING\PARSONS-SP18.dwg

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 CAMBELL, CA. 95008

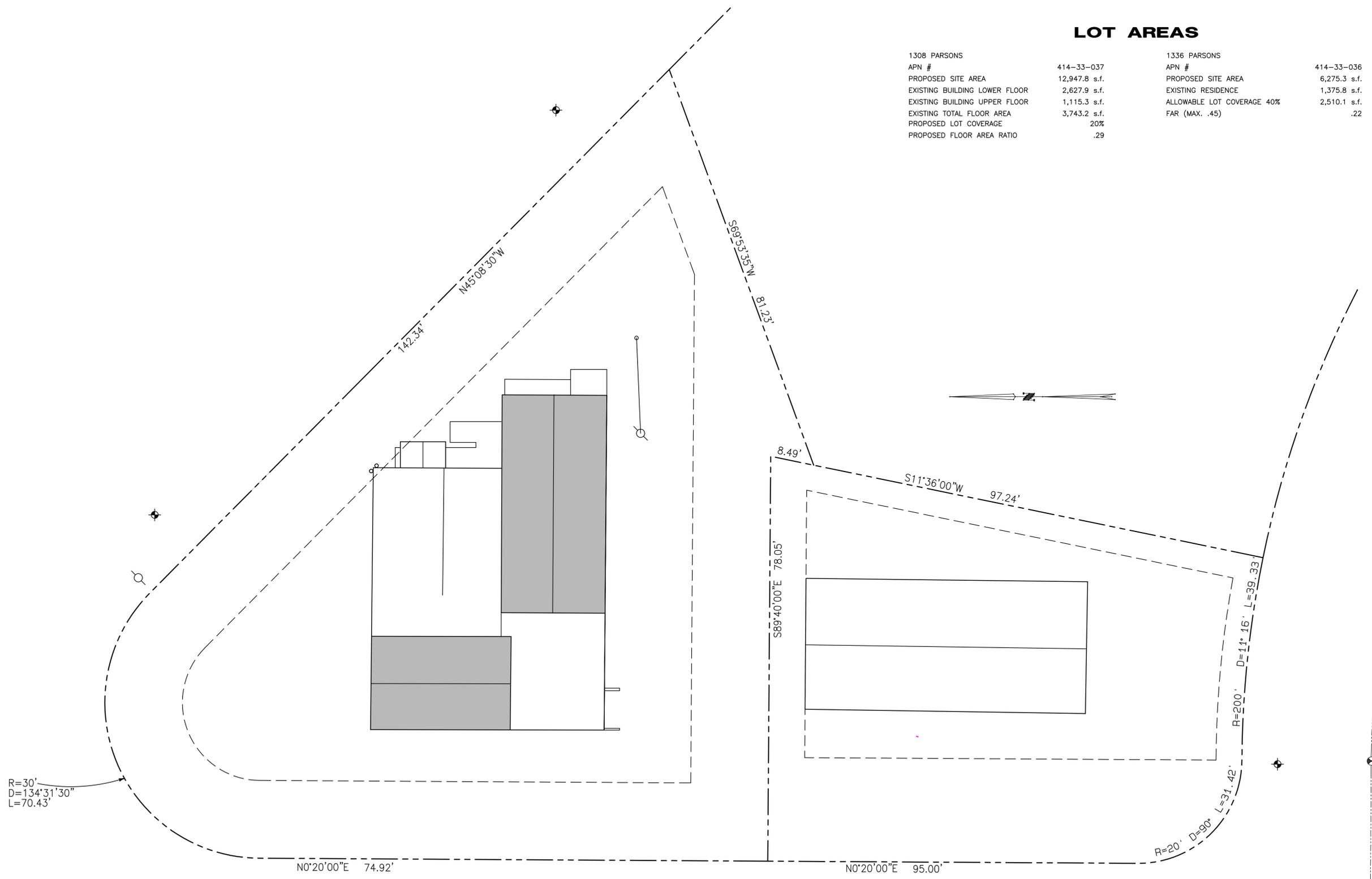
LOT AREAS

DATE: 12-3-2018
 DRAWN BY: WM & MM
 JOB#: PARSONS

A0.2

LOT AREAS

| | | | |
|-------------------------------|---------------|----------------------------|--------------|
| 1308 PARSONS | 414-33-037 | 1336 PARSONS | 414-33-036 |
| APN # | | APN # | |
| PROPOSED SITE AREA | 12,947.8 s.f. | PROPOSED SITE AREA | 6,275.3 s.f. |
| EXISTING BUILDING LOWER FLOOR | 2,627.9 s.f. | EXISTING RESIDENCE | 1,375.8 s.f. |
| EXISTING BUILDING UPPER FLOOR | 1,115.3 s.f. | ALLOWABLE LOT COVERAGE 40% | 2,510.1 s.f. |
| EXISTING TOTAL FLOOR AREA | 3,743.2 s.f. | FAR (MAX. .45) | .22 |
| PROPOSED LOT COVERAGE | 20% | | |
| PROPOSED FLOOR AREA RATIO | .29 | | |



(N) LOT AREAS
 SCALE: 1"=10'-0"

2021 10/11/2020 09:05 AM 10/11/2020 09:05 AM 10/11/2020 09:05 AM 10/11/2020 09:05 AM 10/11/2020 09:05 AM

AREAS & PARKING

| LOWER FLOOR | REQUIRED PARKING |
|-------------------------|--|
| HEAD TO TOE SALON | 2,549.0 s.f. |
| UPPER FLOOR | |
| HEAD TO TOE SALON | 307.2 s.f. |
| HEAD TO TOE SALON TOTAL | 2,856.2 s.f. 1 PER 250 S.F. 11.42 SPACES |
| H&R BLOCK TAX OFFICE | 808.1 s.f. 1 PER 225 S.F. 3.59 SPACES |
| TOTAL AVAILABLE SPACES | 15 SPACES |

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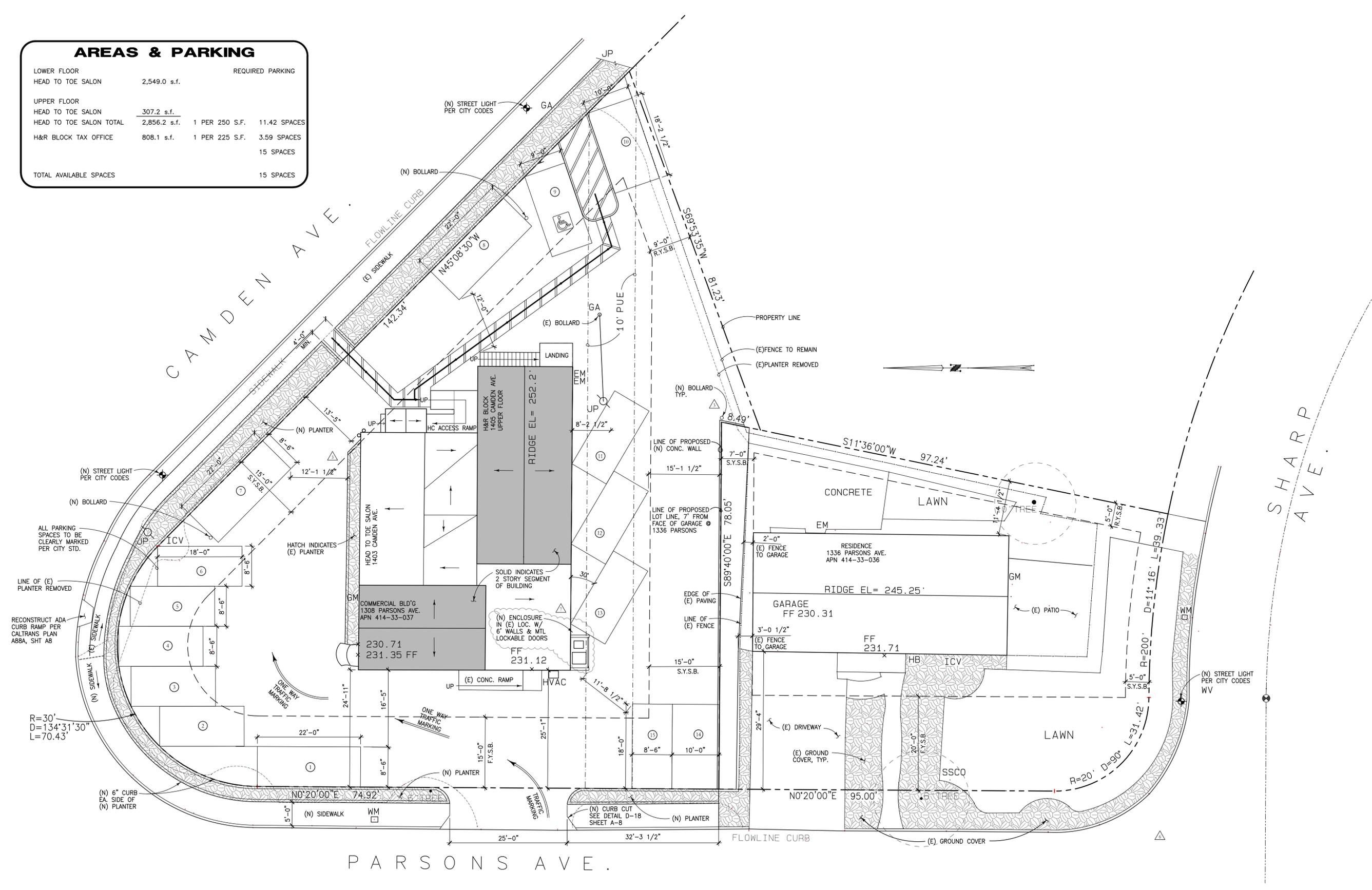
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LOT LINE ADJUSTMENT
GINGER MCCREA
 1308 PARSONS AVE.
 CAMBELL, CA. 95008

PARKING PLAN

DATE: 12-3-2018
 DRAWN BY: WM & MM
 JOB#: PARSONS

A1



PARSONS AVE.
(N) PARKING PLAN
 SCALE: 1"=10'-0"

2021102514180104 G:\mccrea\proj\12018\PARSONS\PARSONS-SHT-A1.dwg

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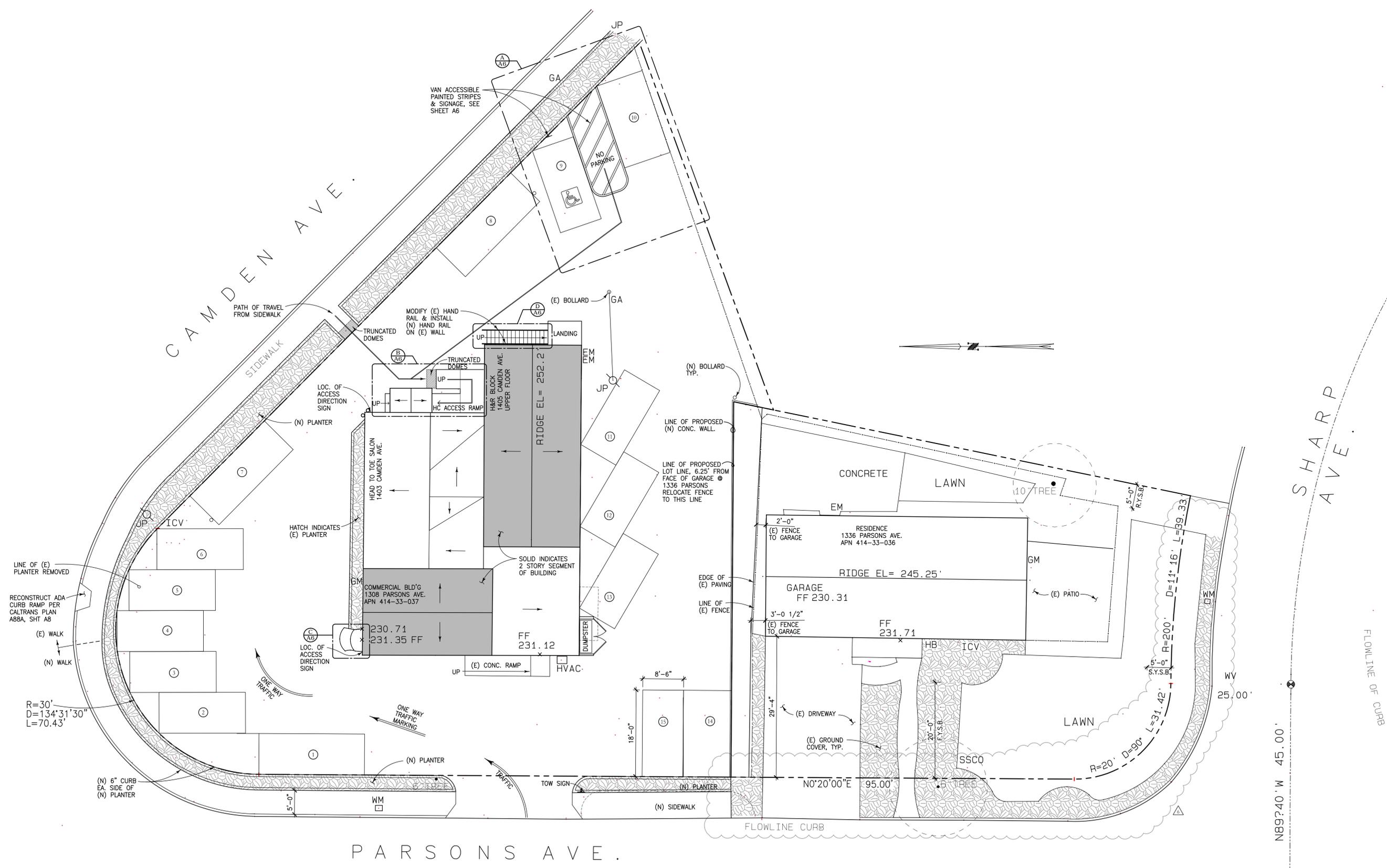
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ADA PLAN

DATE: 12-3-2018
 DRAWN BY: WM & MM
 JOB#: PARSONS

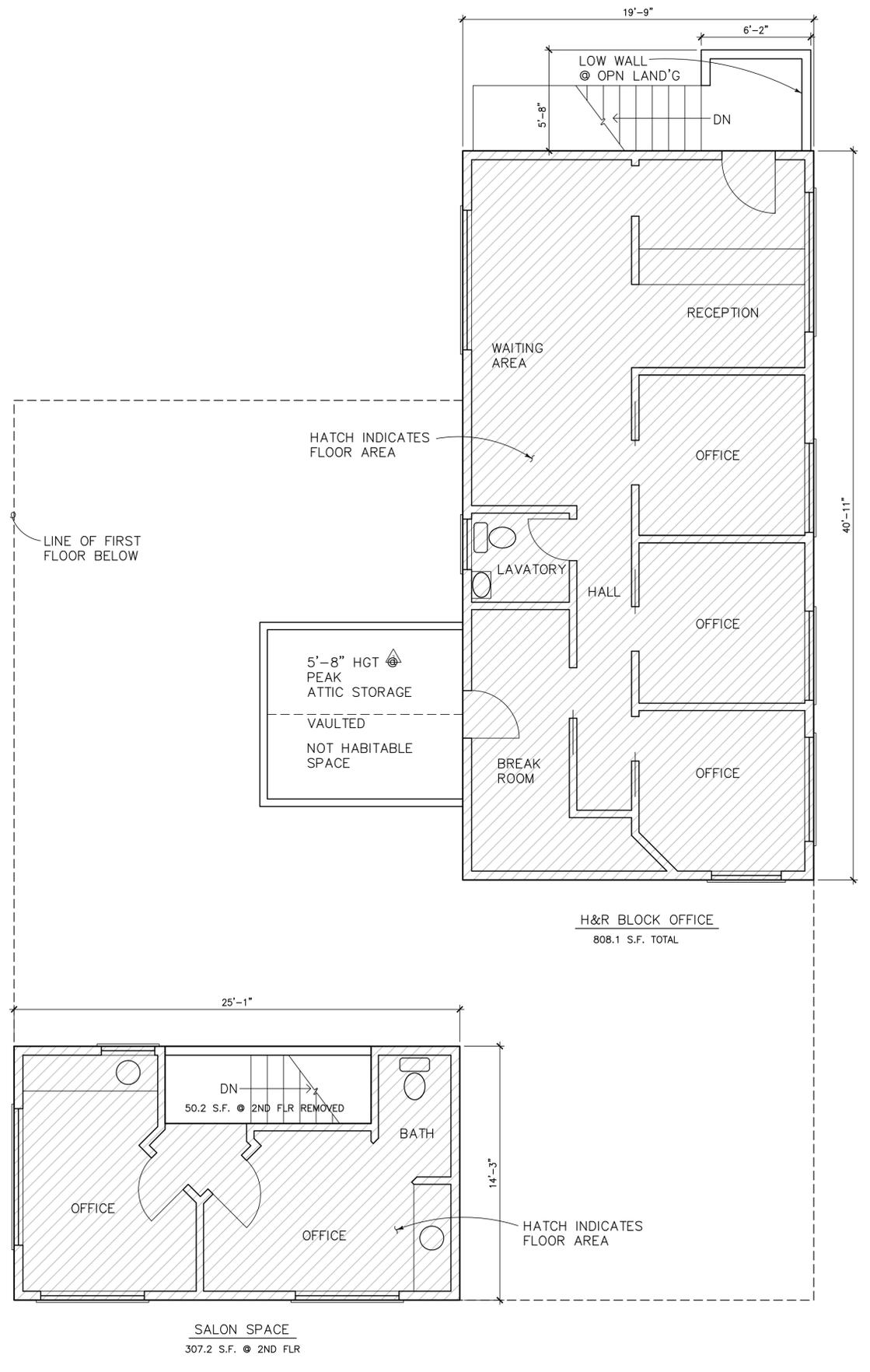
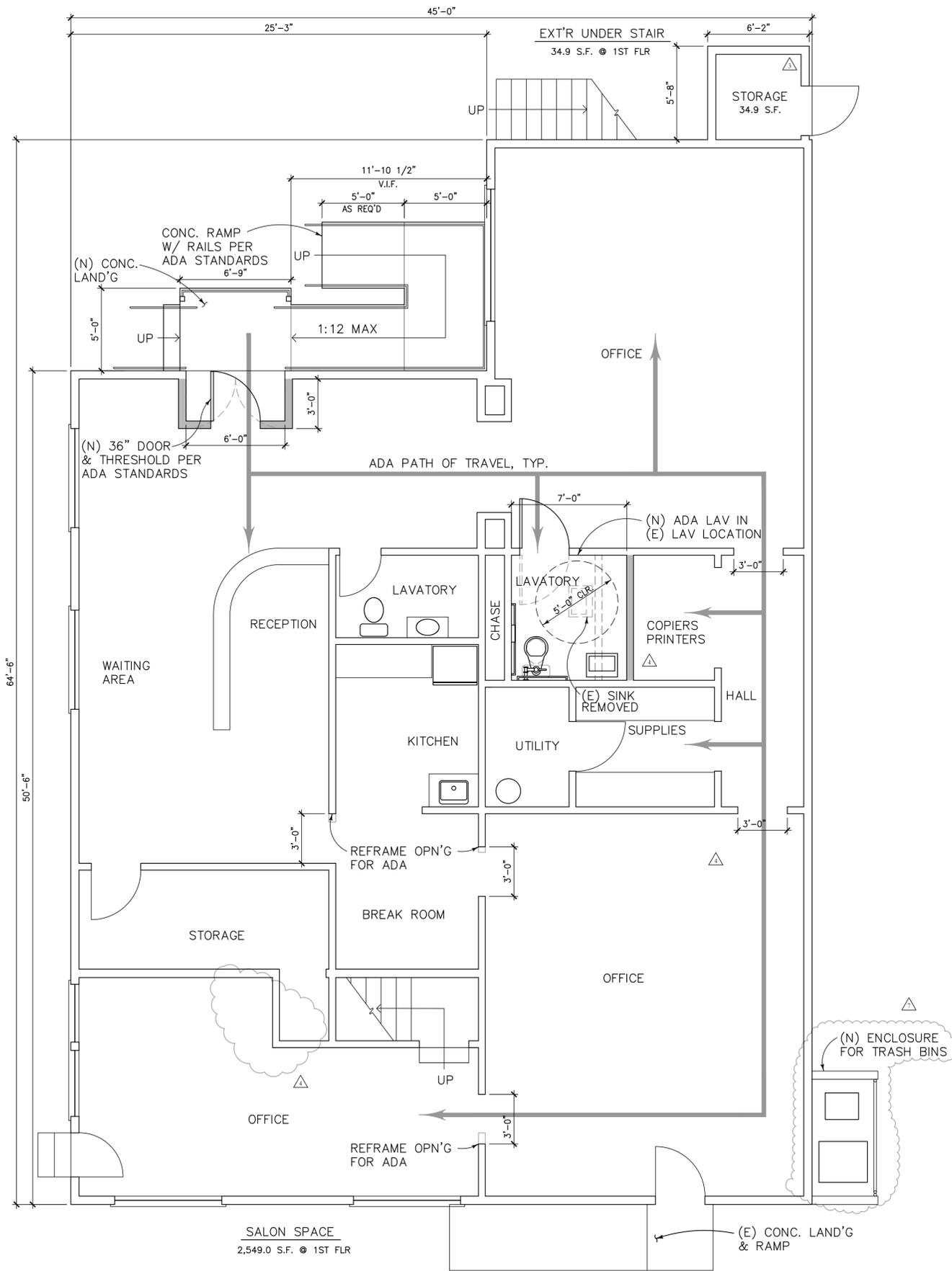
A2



PARSONS AVE.

(N) ADA PLAN
 SCALE: 1"=10'-0"

2021 101 11210308 © AutoCAD 2018 W. CHARLES PERRY & ASSOCIATES



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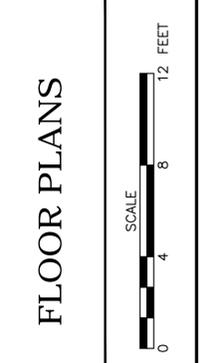
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DATE: 12-3-2018
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A3

20211025:14192977 © Madsen Architects 2019 PARSONS (PARSONS-SPTS) 4/19

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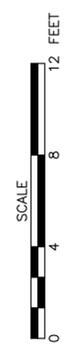


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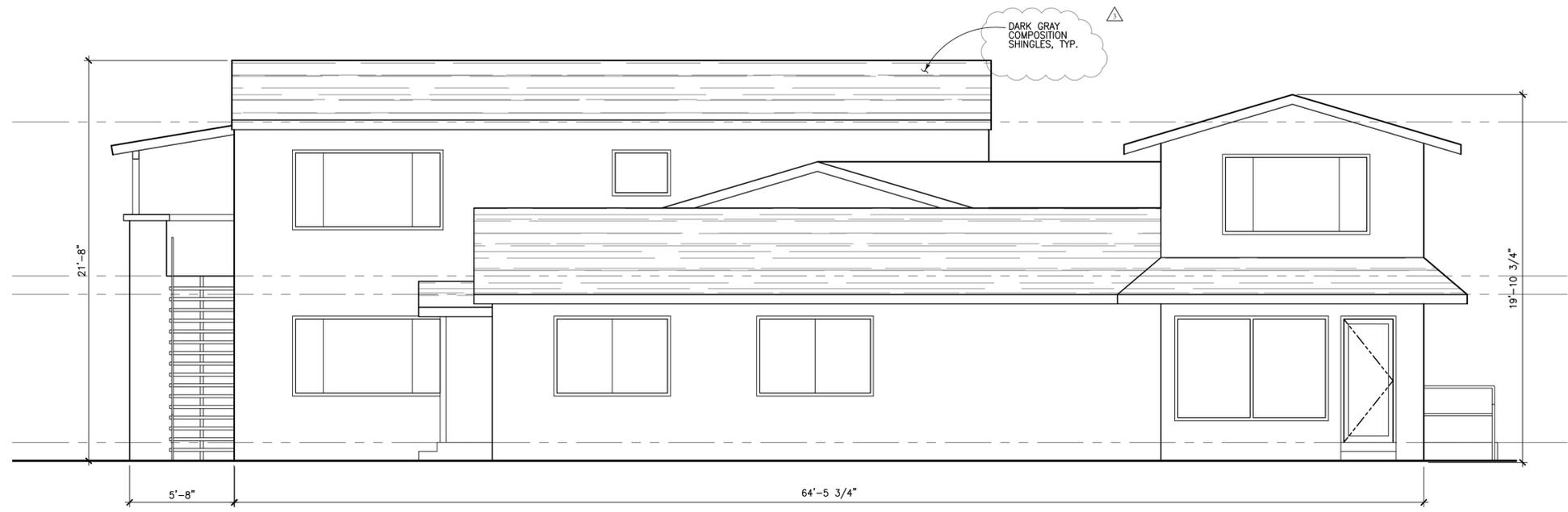
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EXTERIOR ELEVATIONS

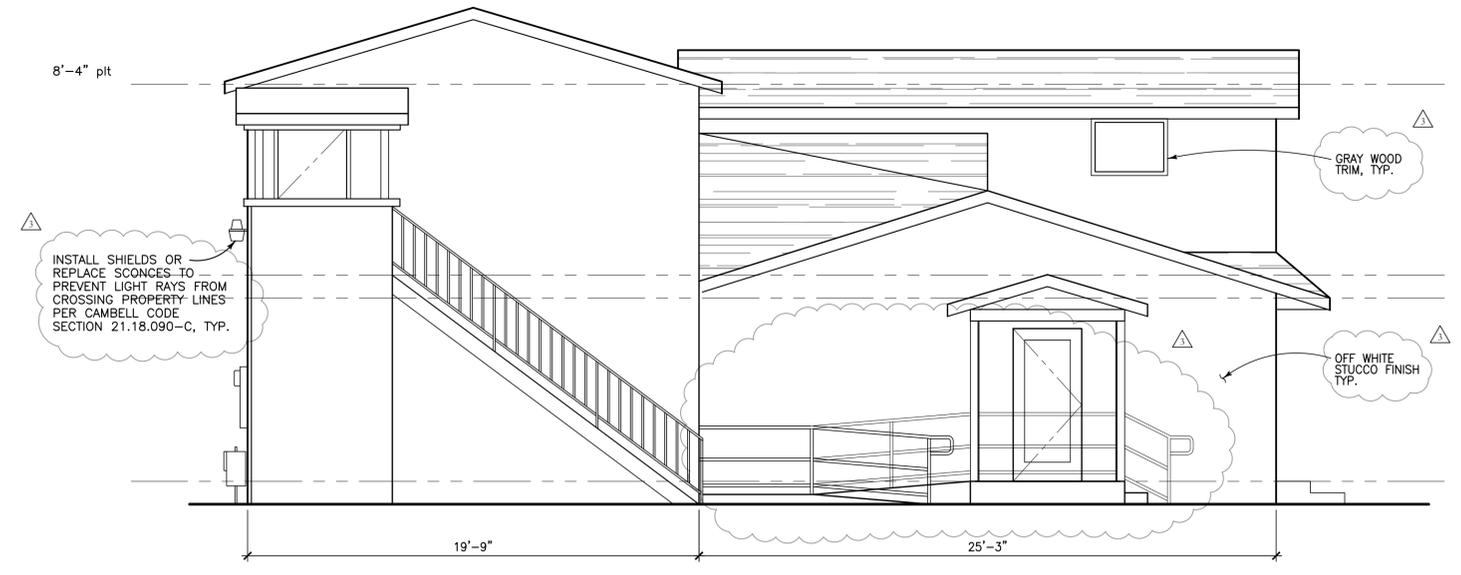


DATE: 12-3-2018
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△ **A4**



NORTH ELEVATION
 SCALE: 1/4"=1'-0"



EAST ELEVATION
 SCALE: 1/4"=1'-0"

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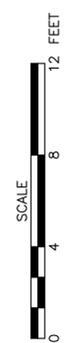


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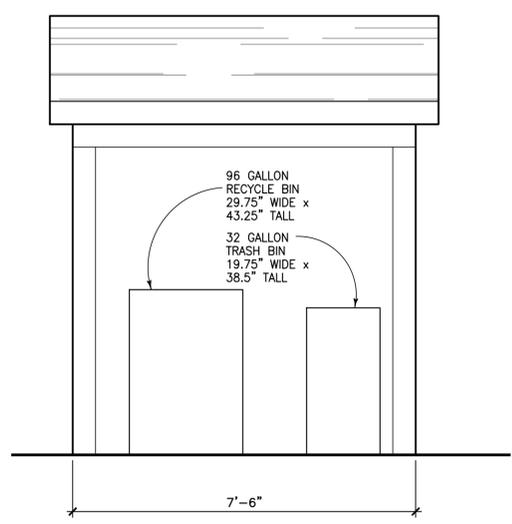
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EXTERIOR ELEVATIONS

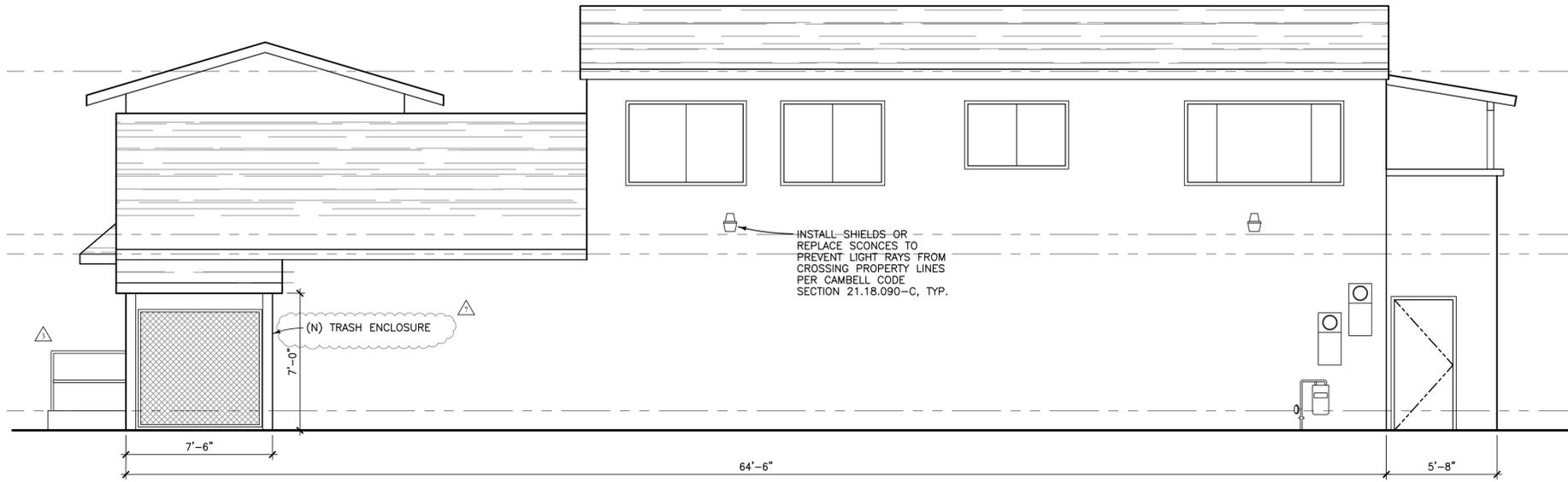


DATE: 12-3-2018
 DRAWN BY: WM & MM
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A5



TRASH ENCLOSURE
 SCALE: 1/2"=1'-0"



SOUTH ELEVATION
 SCALE: 1/4"=1'-0"

Plastic Carts

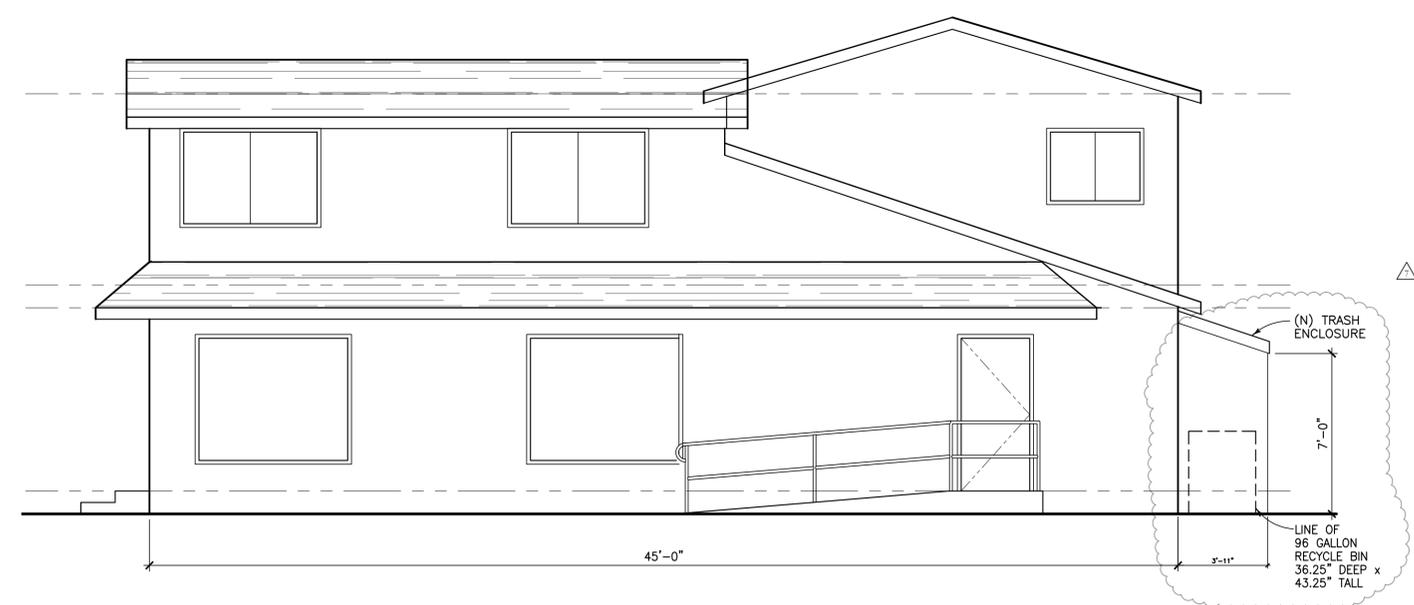
32 gallon
 24.25" wide x 19.25" deep x 38.5" tall

64 gallon
 31.75" wide x 24.25" deep x 41.75" tall

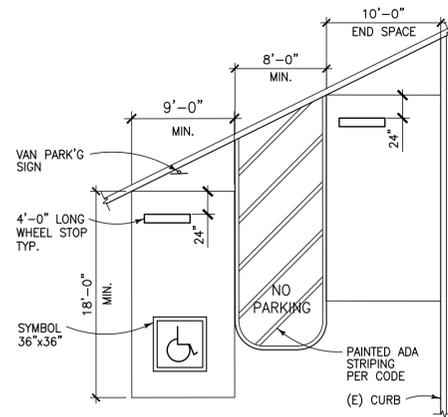
96 gallon
 39.25" wide x 29.75" deep x 43.25" tall

Recology San Mateo County WASTE ZERO

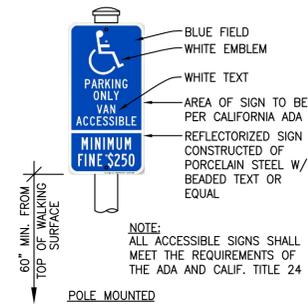
Dimensions may vary slightly. Measurements shown are exterior dimensions.



WEST ELEVATION
 SCALE: 1/4"=1'-0"



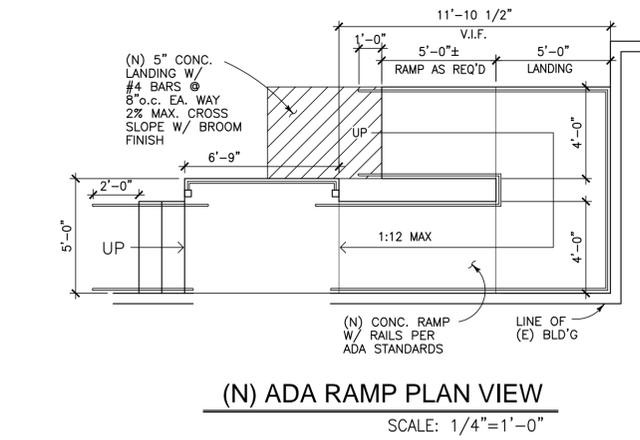
VAN ACCESSIBLE PARKING
SCALE: 1/8"=1'-0"



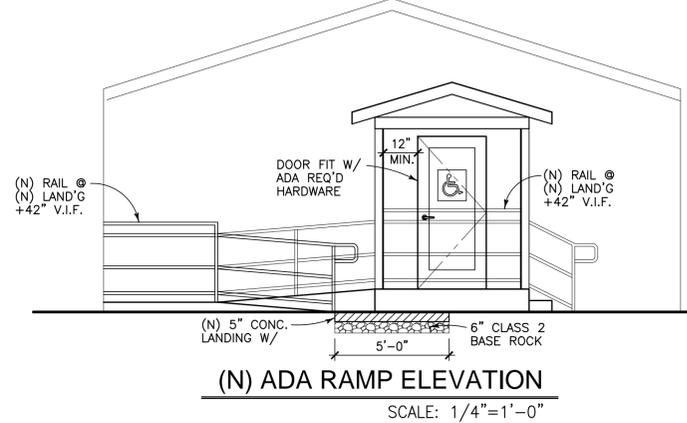
VAN ACCESSIBLE SIGN
SCALE: N.T.S.



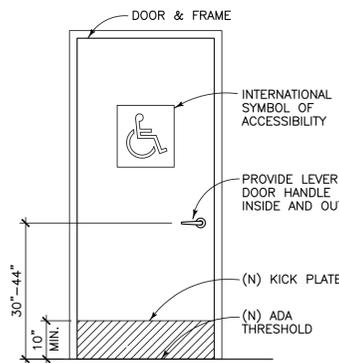
TOW YOUR CAR SIGN
SCALE: N.T.S.



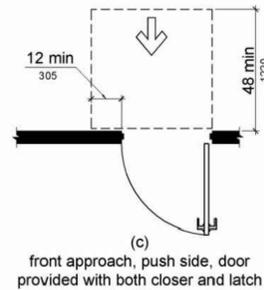
(N) ADA RAMP PLAN VIEW
SCALE: 1/4"=1'-0"



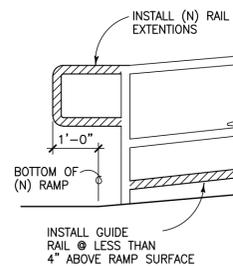
(N) ADA RAMP ELEVATION
SCALE: 1/4"=1'-0"



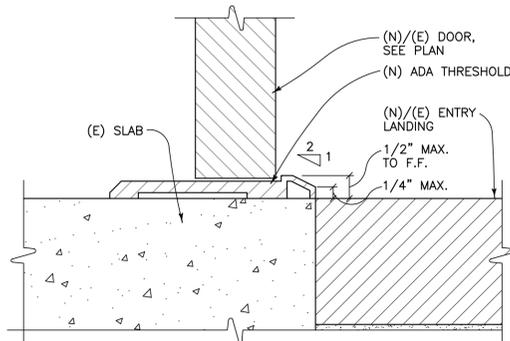
ADA DOOR UPGRADE
SCALE: 1/2"=1'-0"



ADA DOOR CLEARANCE
SCALE: N.T.S.

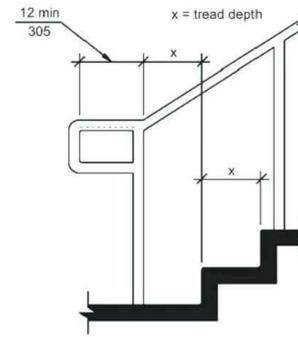


ADA RAIL'G
SCALE: 1/2"=1'-0"

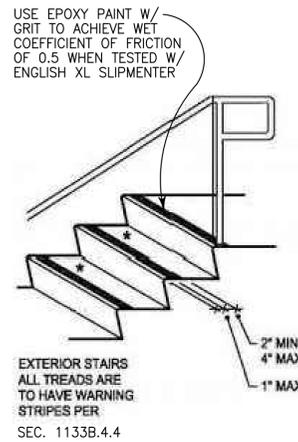


ADA THRESHOLD UPGRADE
SCALE: 1"=2"

AREA B DETAILS



EXTENSION TO (E) HAND RAIL
SCALE: N.T.S.

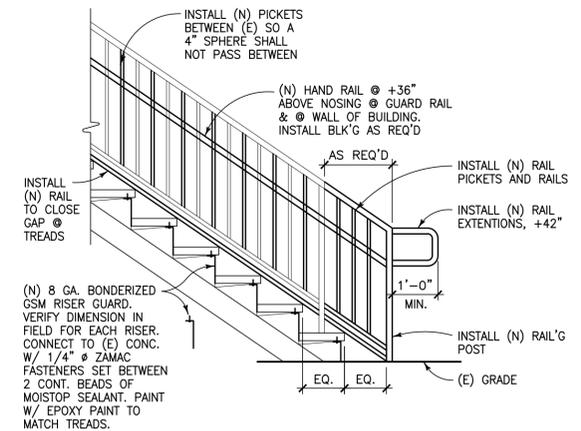


(N) STRIPES @ (E) TREADS
SCALE: N.T.S.



DIRECTIONAL SIGNS ON BLD'G
SCALE: N.T.S.

AREA C DETAILS



MODIFICATIONS TO (E) STAIRCASE
SCALE: 1/2"=1'-0"

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ADA DETAILS

DATE: 12-3-2018
DRAWN BY: WM & MM
JOB#: PARSONS

A6

REVISIONS

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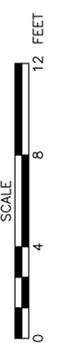


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HOUSE ELEVATIONS

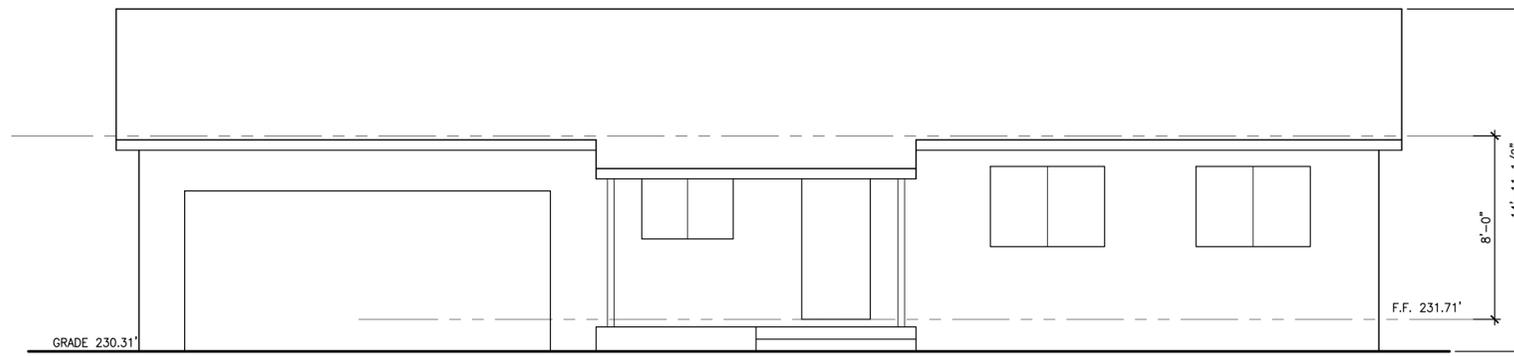


DATE: 12-3-2018

DRAWN BY: WM & MM

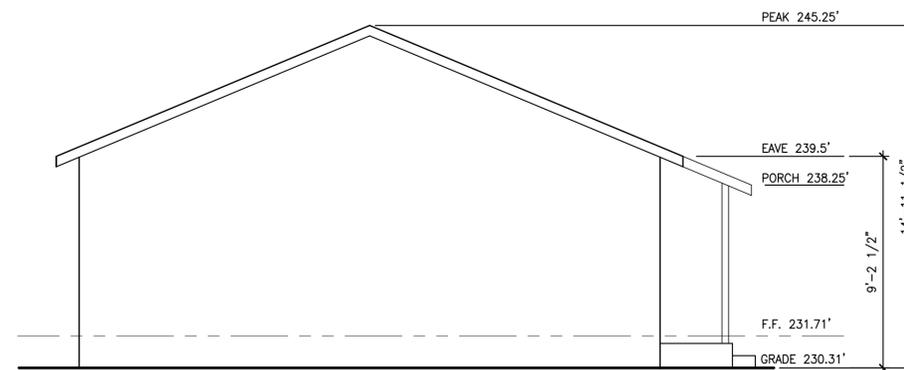
JOB#: PARSONS

△ **A7**



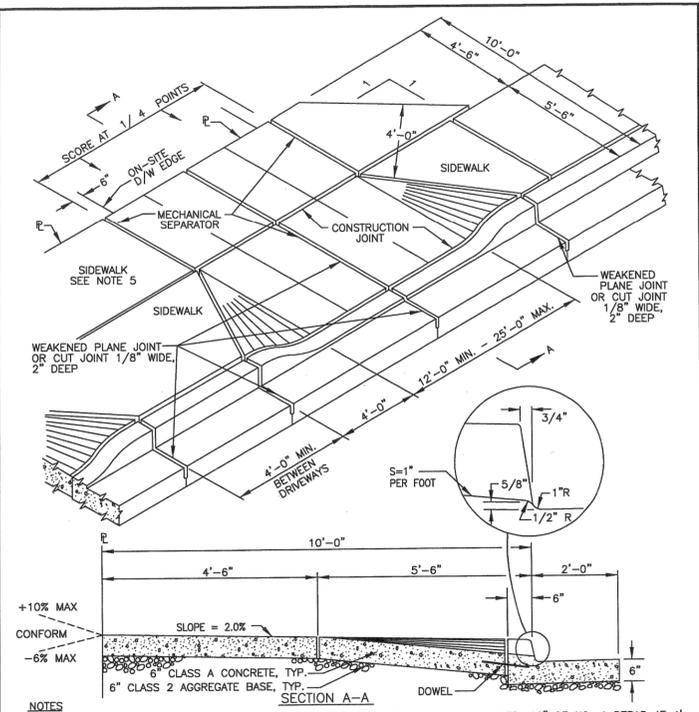
WEST ELEVATION

SCALE: 1/4"=1'-0"



NORTH ELEVATION

SCALE: 1/4"=1'-0"



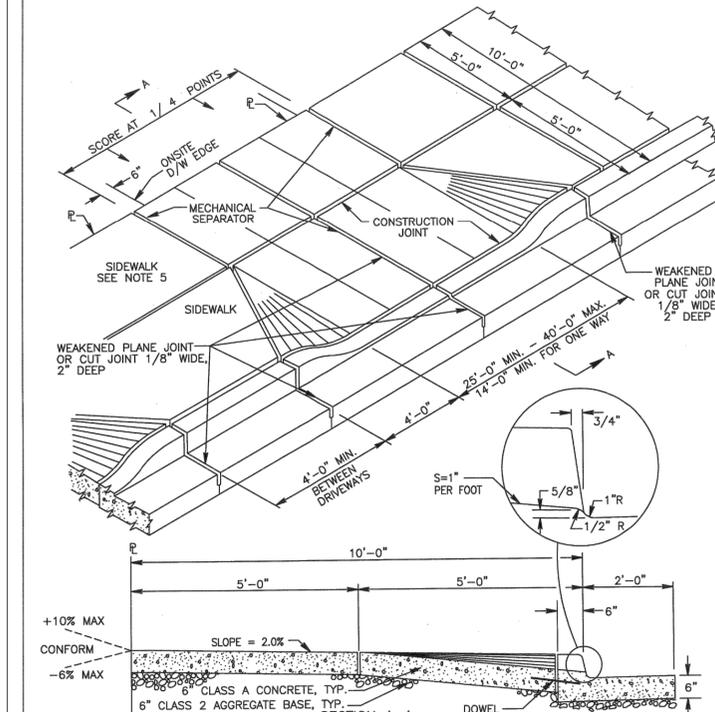
NOTES

1. WHEN THE DRIVEWAY IS NOT POURED AT THE SAME TIME AS THE CURB AND GUTTER, 12" OF NO. 4 REBAR AT 4' INTERVALS SHALL BE INSTALLED AS SHOWN (REBARS TO BE BENT DOWN AND COVERED UNTIL USED).
2. SCORE MARKS SHALL NOT EXCEED 4'-0" O.C., AND USE MECHANICAL SEPARATOR AT EVERY OTHER SCORE MARK.
3. DRIVEWAY APPROACHES (EXCEPT SINGLE FAMILY) SHALL HAVE A 6"x6"x10/10 WELDED WIRE FABRIC 3" ABOVE BOTTOM OF CONCRETE.
4. DOWEL ALL NEW CONCRETE IMPROVEMENTS TO EXISTING CONCRETE IMPROVEMENTS.
5. AT LOCATIONS WHERE NEW SIDEWALK ENDS AND MEETS AN EXISTING SIDEWALK, THE NEW SIDEWALK SHALL TRANSITION TO MEET THE EXISTING SIDEWALK AS DETERMINED BY THE CITY ENGINEER.

| | | | | |
|---|------------|--------|------------|-------|
| CITY OF CAMPBELL PUBLIC WORKS DEPARTMENT | | REV. 1 | DATE 02/17 | BY HE |
| DRAWN BY: | DATE 02/04 | | | |
| CHECKED BY: | DATE | | | |
| APPROVED BY: | DATE | | | |
| AMY OLAY CITY ENGINEER | | | | |

Residential Driveway Detail (Attached Sidewalk)

J:\Drawings\Std_Details\D15



NOTES

1. WHEN THE DRIVEWAY IS NOT POURED AT THE SAME TIME AS THE CURB AND GUTTER, 12" OF NO. 4 REBAR AT 4' INTERVALS SHALL BE INSTALLED AS SHOWN (REBARS TO BE BENT DOWN AND COVERED UNTIL USED).
2. SCORE MARKS SHALL NOT EXCEED 4'-0" O.C., AND USE MECHANICAL SEPARATOR AT EVERY OTHER SCORE MARK.
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| | | | | |
|---|------------|--------|------------|-------|
| CITY OF CAMPBELL PUBLIC WORKS DEPARTMENT | | REV. 1 | DATE 02/17 | BY HE |
| DRAWN BY: | DATE 02/04 | | | |
| CHECKED BY: | DATE | | | |
| APPROVED BY: | DATE | | | |
| AMY OLAY CITY ENGINEER | | | | |

Commercial Driveway Detail

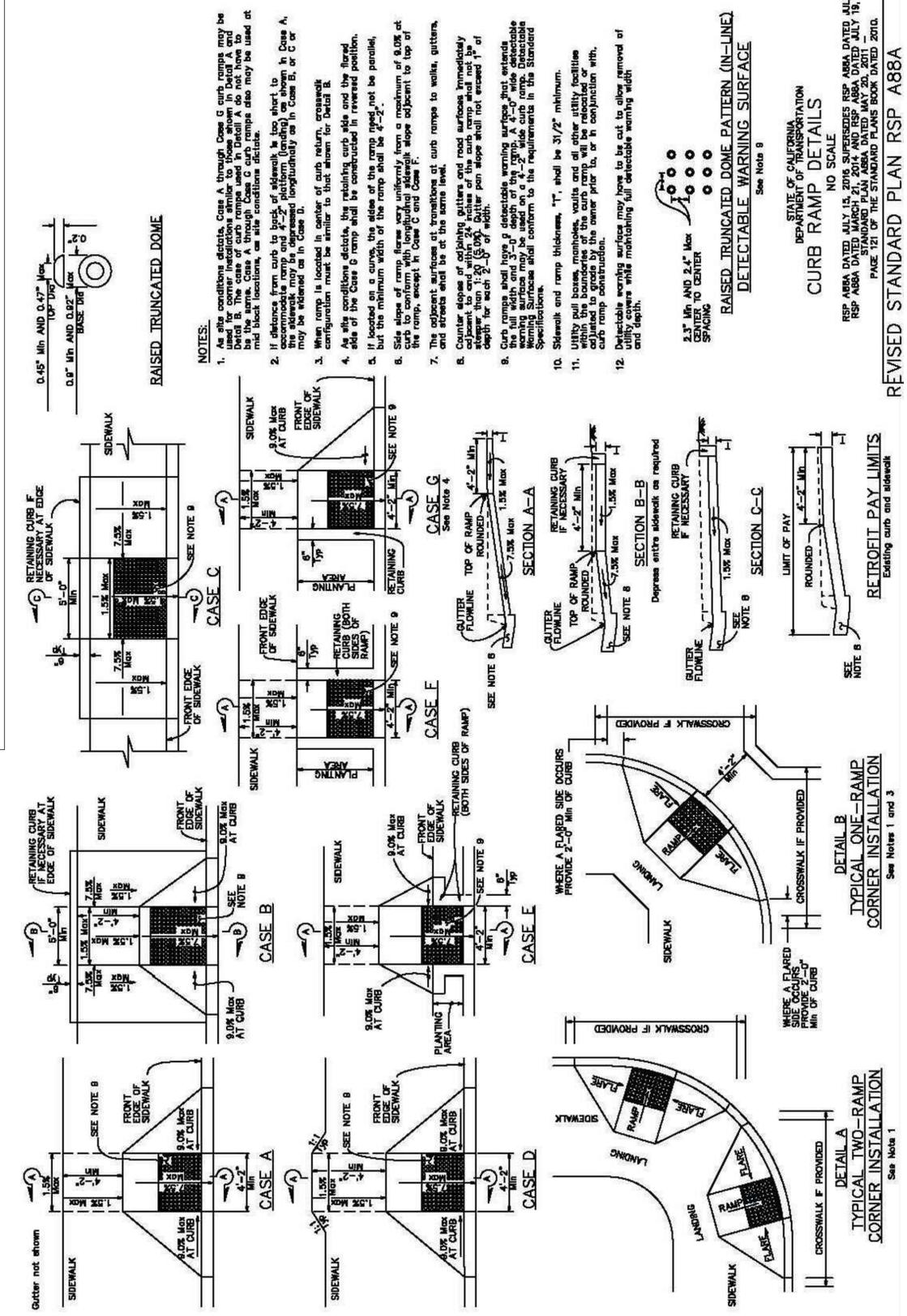
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DETAIL D-15

DETAIL D-18



PRE-CAST CONCRETE WALL PHOTO



CALTRANS STANDARD PLAN A88A

| REVISIONS | |
|-----------|------------|
| NO. | DATE |
| 1 | 2/28/2019 |
| 2 | 2/28/2020 |
| 3 | 8/14/2020 |
| 4 | 11/29/2020 |
| 5 | 4/29/2021 |
| 6 | 6/17/2021 |
| 7 | 10/21/2021 |

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231 W. 41ST AVE.
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650-638-9546



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LOT LINE ADJUSTMENT
GINGER MCCREA
1308 PARSONS AVE.
CAMPBELL, CA. 95008

DETAILS

DATE: 12-3-2018
DRAWN BY: WM & MM
JOB#: PARSONS

A8

| REVISIONS | |
|-----------|------------|
| NO. | DATE |
| 1 | 2/28/2019 |
| 2 | 2/28/2020 |
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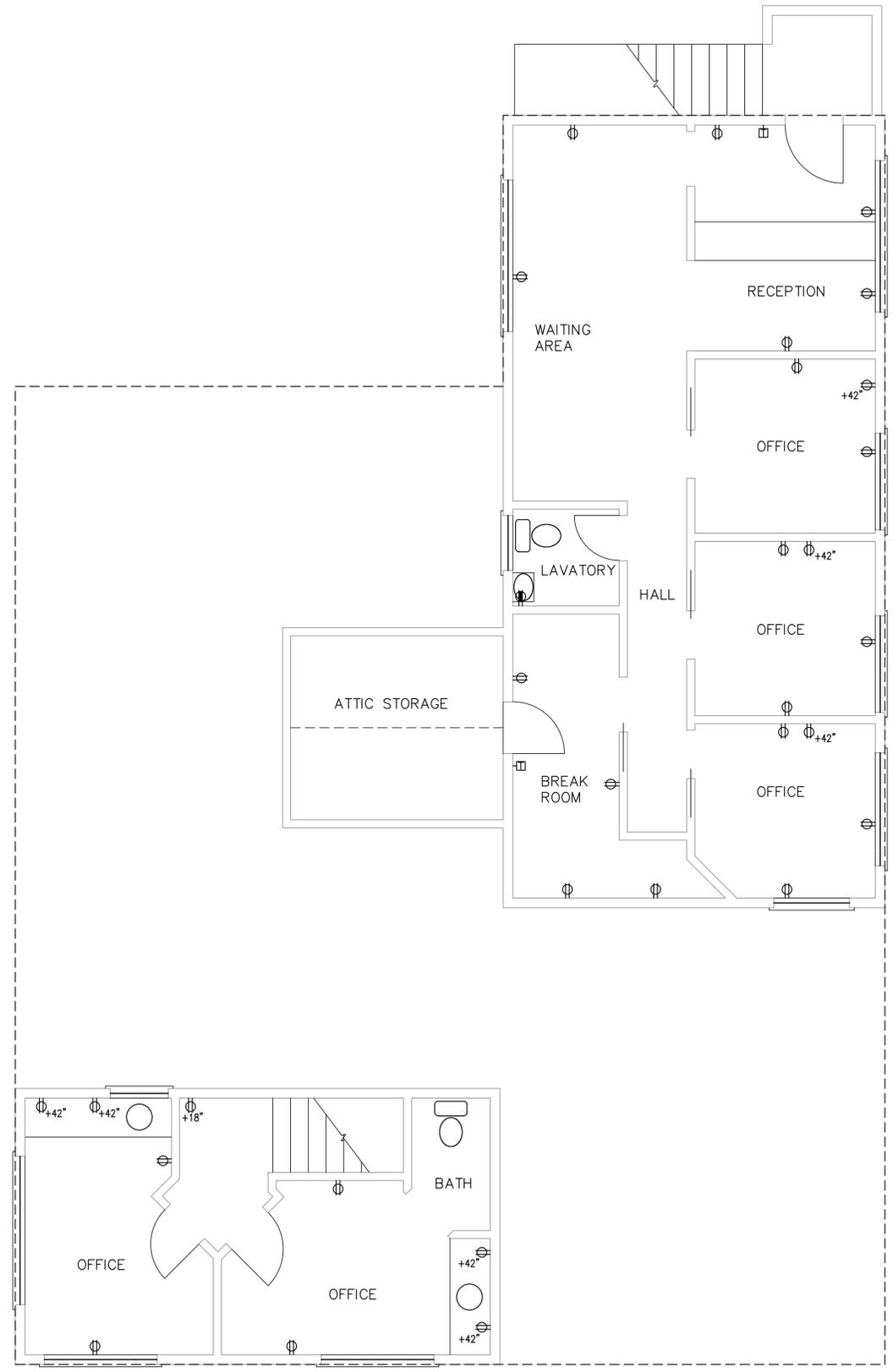
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GINGER MCCREA
 1308 PARSONS AVE.
 CAMBELL, CA. 95008

ELECTRICAL PLANS

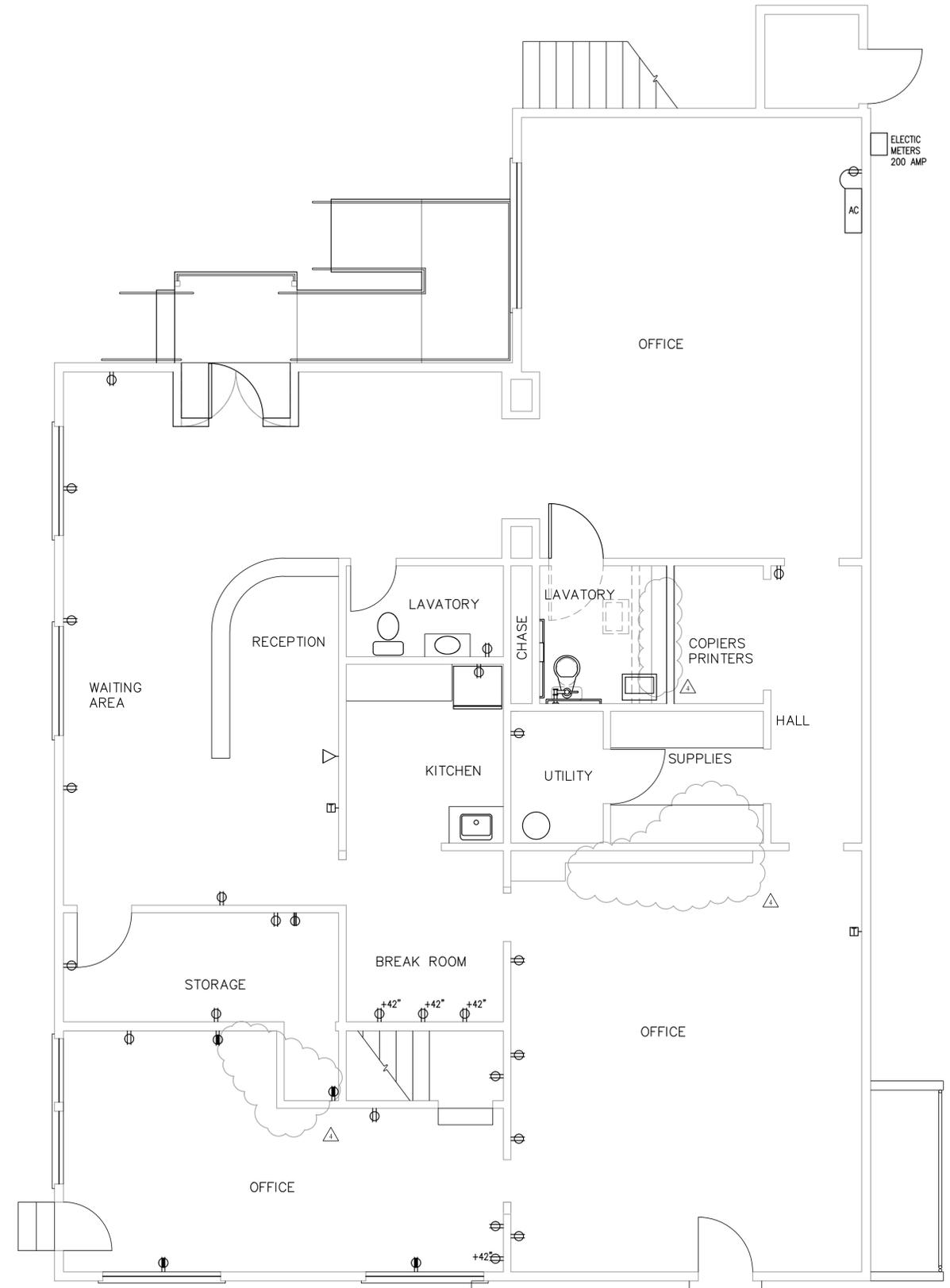
SCALE: 1/4" = 1'-0"

DATE: 12-3-2018
 DRAWN BY: WM & MM
 JOB#: PARSONS

E1



UPPER FLOOR
 SCALE: 1/4"=1'-0"



LOWER FLOOR
 SCALE: 1/4"=1'-0"

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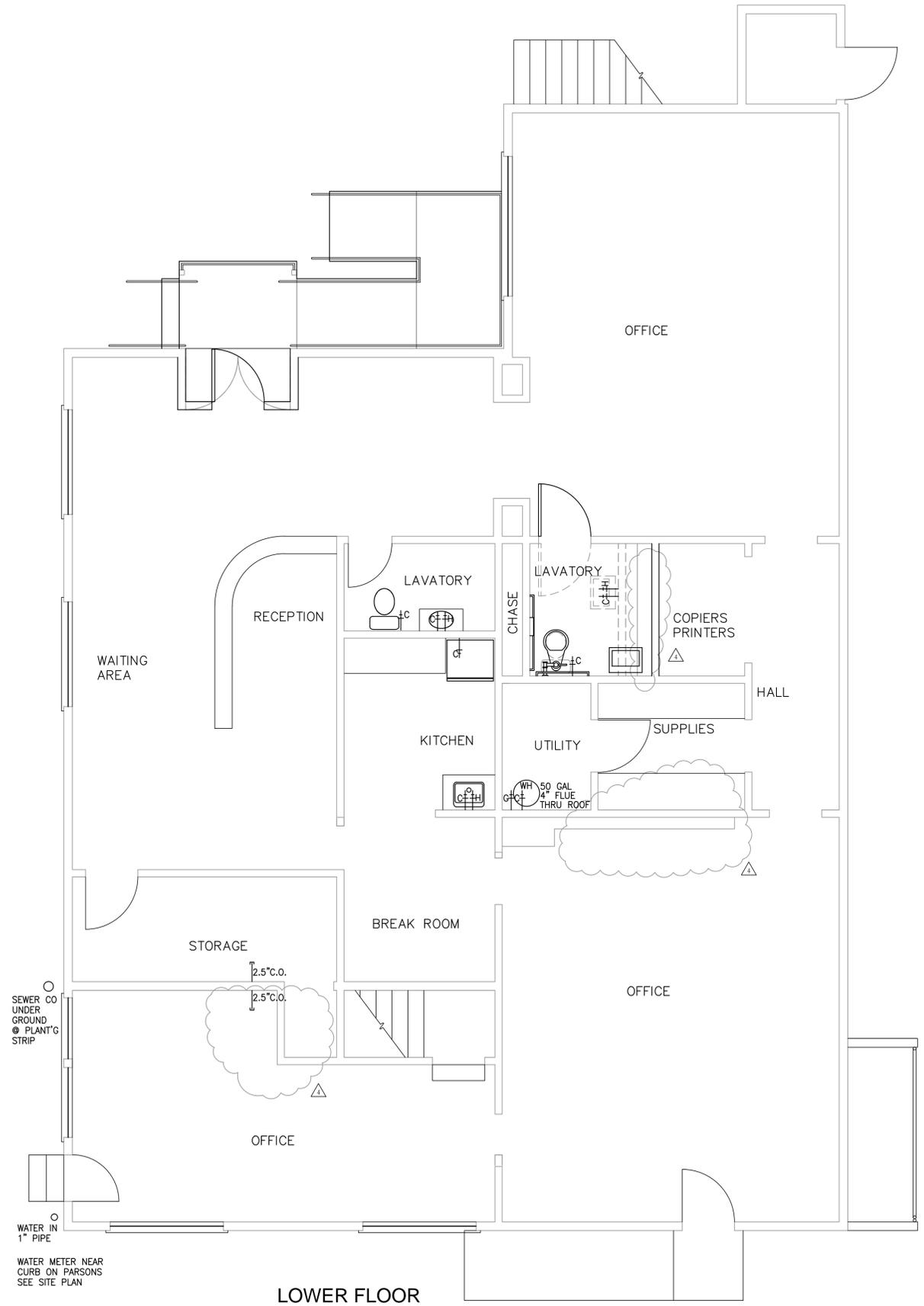
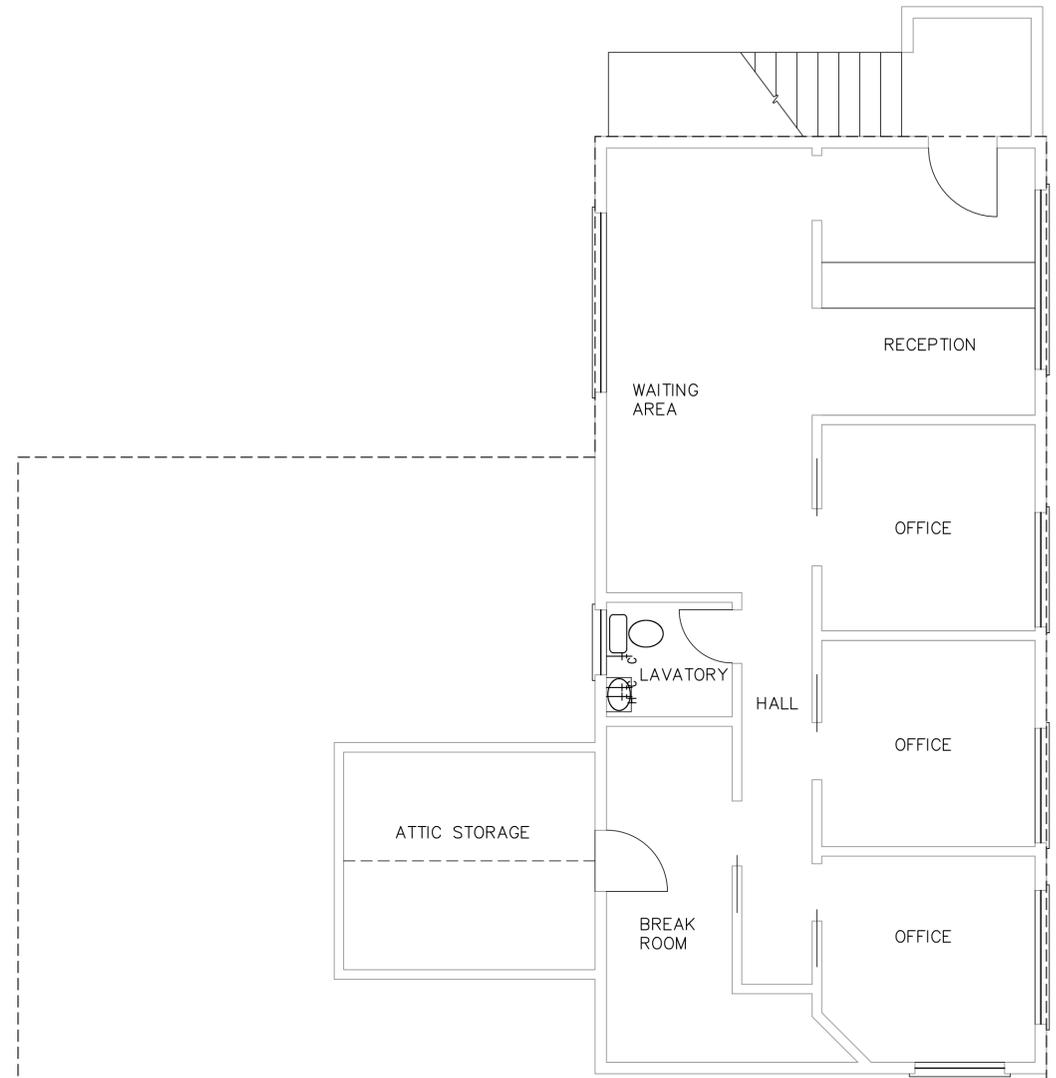
LOT LINE ADJUSTMENT
GINGER MCCREA
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 CAMBELL, CA. 95008

PLUMBING PLANS

SCALE
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DATE: 12-3-2018
 DRAWN BY: WM & MM
 JOB#: PARSONS

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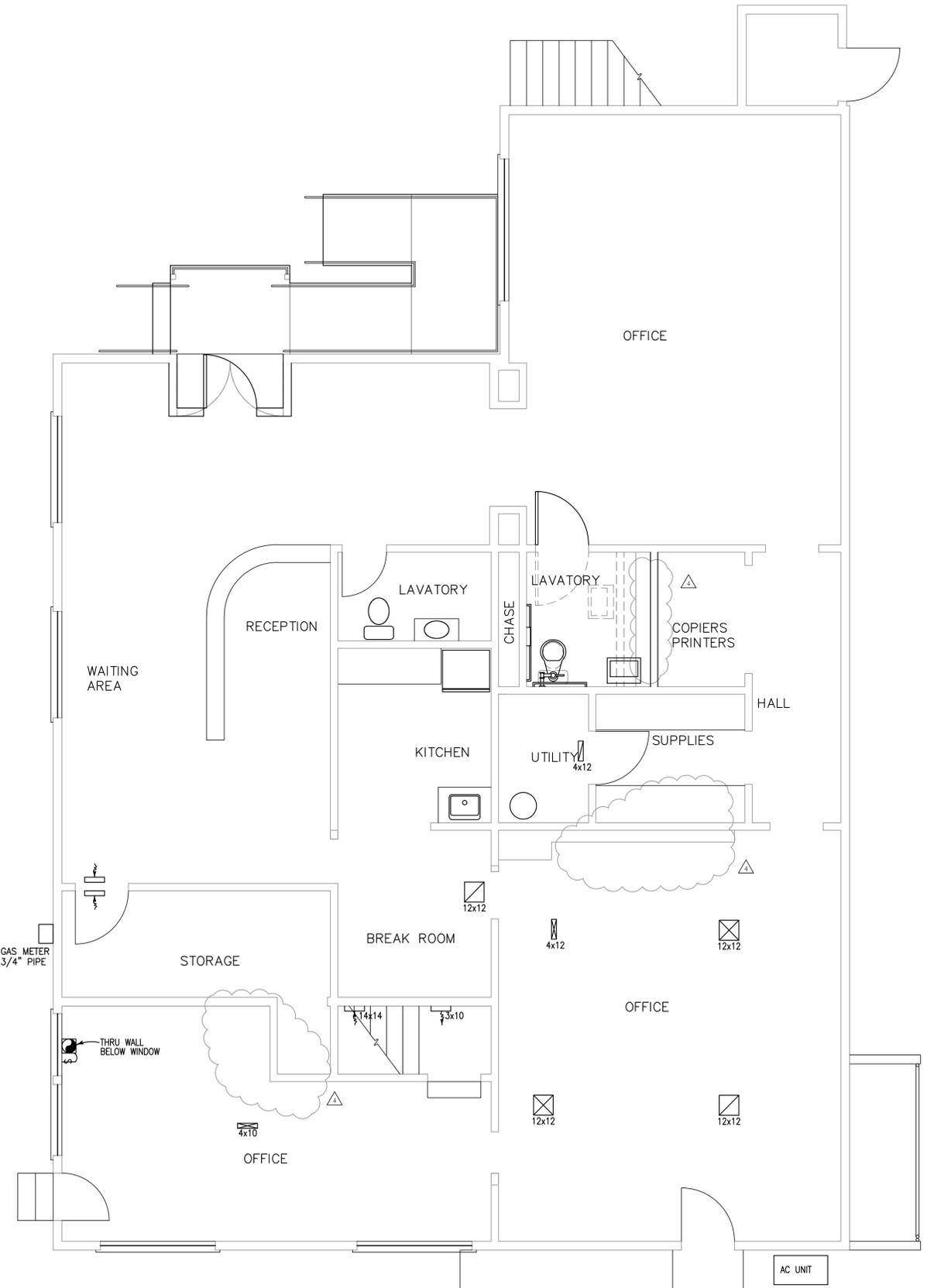
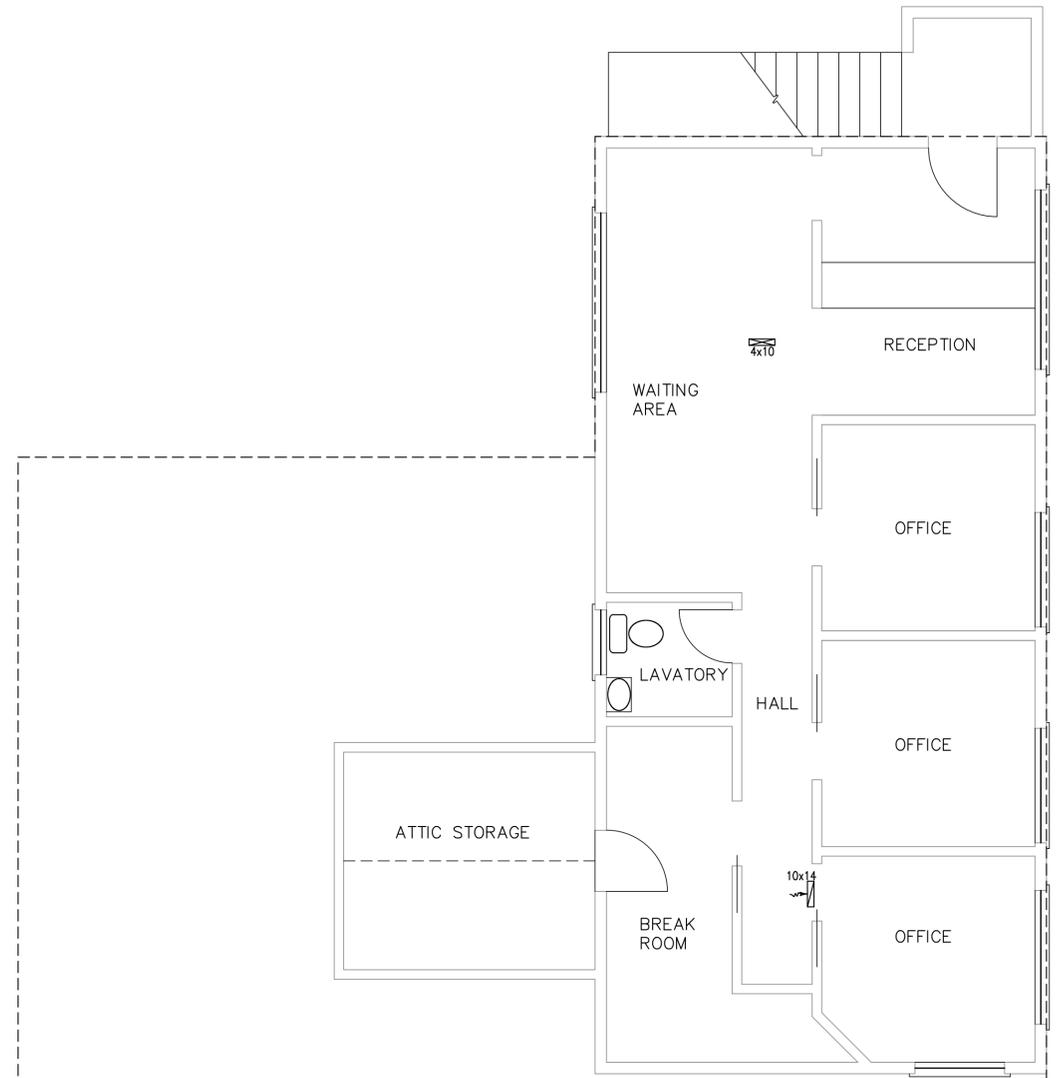
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MECHANICAL PLANS

DATE: 12-3-2018
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GB.

| Structural Measures | | | Division 4.5 - Environmental Quality | | | Water Efficiency & Conservation Measures | | | Construction Waste Management (CWM) Plan | | | Construction Waste Management Plan (CWMP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SECTION 4.505 INTERIOR MOISTURE CONTROL | | | Description | | | SECTION 4.303 INDOOR WATER USE | | | SECTION 4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING | | | Construction Waste Management Plan can be deferred submittal until such a time as a contractor is chosen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description | Sheet | Verified | Description | Sheet | Verified | Description | Sheet | Verified | Description | Sheet | Verified | Project Name | Building Permit #: | Square Footage: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.505.1 General. Buildings shall meet or exceed the provisions of the California Building Standards Code. 4.505.2 Concrete slab foundations. Concrete slab foundations required to have a vapor retarder by the California Building Code, Chapter 19 or concrete slab-on-ground floors required to have a vapor retarder by the California Residential Code, Chapter 5, shall also comply with this section. 4.505.2.1 Capillary break. A capillary break shall be installed in compliance with at least one of the following: 1. A 4-inch-thick (101.6 mm) base of 1/2 inch (12.7 mm) or larger clean aggregate shall be provided with a vapor retarder in direct contact with concrete and a concrete mix design, which will address bleeding, shrinkage, and curing, shall be used. For additional information, see American Concrete Institute, ACI 302.2R-06. 2. Other equivalent methods approved by the enforcing agency. 3. A slab design specified by a licensed design professional. 4.505.3 Moisture control of building materials. Building materials with visible signs of water damage shall not be installed. Wall and/or framing shall not be enclosed when the framing members exceed 19-percent moisture content. Moisture content shall be verified in compliance with the following: 1. Moisture content shall be determined with either a probe-type or contact-type moisture meter. Equivalent moisture verification methods may be approved by the enforcing agency and shall satisfy requirements found in Section 101.8 of this code. 2. Moisture readings shall be taken at a point 2 feet (610 mm) to 4 feet (1219 mm) from the grade stamped end of each piece to be verified. 3. At least three random moisture readings shall be performed on wall and floor framing with documentation acceptable to the enforcing agency provided at the time of approval to enclose the wall and floor framing. Insulation products which are visibly wet or have a high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. Wet-applied insulation products shall follow the manufacturers' drying recommendations prior to enclosure. 4.505 INTERIOR MOISTURE CONTROL SECTION 4.506 INDOOR AIR QUALITY AND EXHAUST 4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated and shall comply with the following: 1. Fans shall be ENERGY STAR compliant ducted to terminate outside the building. 2. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a humidity control. a. Humidity controls shall be capable of adjustment between a relative humidity range of C: 50 percent to a maximum of 80 percent. A humidity control may utilize manual or automatic means of adjustment. b. A humidity control may be a separate component to the exhaust fan and is not required to be integral (i.e., built-in). 3. For the purposes of this section, a bathroom is a room which contains a bathtub, shower, or tub/shower combination. 2. Lighting integral to bathroom exhaust fans shall comply with the California Energy Code. SECTION 4.507 ENVIRONMENTAL COMFORT 4.507.2 Heating and air-conditioning system design. Heating and air-conditioning systems shall be sized, designed and have their equipment selected using the following methods: 1. The heat loss and heat gain is established according to ANSI / ACCA 2 Manual J-2004 (Residential Load Calculation), ASHRAE handbooks or other equivalent design software or methods. 2. Duct systems are sized according to ANSI / ACCA 1 Manual D-2009 (Residential Duct Systems), ASHRAE handbooks or other equivalent design software or methods. 3. Select heating and cooling equipment according to ANSI / ACCA 3 Manual S-2004 (Residential Equipment Selection) or other equivalent design software or methods. Exception: Use of alternate design temperatures necessary to ensure the systems function are acceptable. 4.106.4. Electric vehicle (EV) charging New construction shall comply with Sections 4.106.4.1 and 4.106.4.2 to facilitate future installation and use of EV chargers. Electric vehicle supply equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625. Exceptions: On a case-by-case basis, where the local enforcing agency has determined EV charging and infrastructure are not feasible based upon one or more of the following conditions: 1. Where there is no commercial power supply. 2. Where there is evidence substantiating that meeting the requirements will alter the local utility infrastructure design requirements on the utility side of the meter so as to increase the utility side cost to the homeowner or the developer by more than \$400.00 per dwelling unit. 4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages. For each dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway 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 are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit and space(s) reserved for permanent installation of a branch circuit over current protective device. 4.106.4.1.1 Identification. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE". 4.106.4.2 New multifamily dwellings. Where 17 or more multifamily dwelling units are constructed on a building site, 3 percent of the total number of parking spaces provided for all types of parking facilities, but in no case less than one, shall be electric vehicle charging stations (EVCS) capable of supporting future EVSE and shall be identified on construction documents. Calculations for the number of EVCS shall be rounded up to the nearest whole number. Note: Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging. There is no requirement for EVCS to be constructed or available until EV chargers are installed for use. 4.106.4.2.1 Electric vehicle charging station (EVCS) locations. Construction documents shall indicate the location of proposed EVCS. At least one EVCS shall be located in common use areas and available for use by all residents. When EV chargers are installed, EVCS required by Section 4.106.2.2, Item 3, shall comply with at least one of the following options: 1. The EVCS shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space. 2. The EVCS shall be located on an accessible route, as defined in the California Building Code, Chapter 2, to the building. 4.106.4.2.2 Electric vehicle charging station (EVCS) dimensions and slope. The EVCS shall be designed to comply with the following: 1. The minimum length of each EVCS shall be 18 feet (5486 mm). 2. The minimum width of each EVCS shall be 9 feet (2743 mm). 3. One in every 25 EVCS, but not less than one EVCS, shall also have an 8-foot (2438 mm) wide minimum aisle. A 5-foot (1524 mm) wide minimum aisle shall be permitted provided the minimum width of the EVCS is 12 feet (3658 mm). a. Surface slope for this EVCS and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 percent slope) in any direction. 4.106.4.2.3 Single EVCS required. Install a listed raceway capable of accommodating a 208/240-volt dedicated branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or enclosure in close proximity to the proposed location of the EVCS. Construction documents shall identify the raceway termination point. The service panel and/or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit and space(s) reserved for permanent installation of a branch circuit overcurrent protective device. 4.106.4.2.4 Multiple EVCS required. Have sufficient capacity to simultaneously charge all EVs at all required EVCS at the full rated ampere of the EVSE. Plan design shall be based upon a 40-ampere minimum branch circuit. 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. 4.106.4.2.5 Identification. 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 accordance with the California Electrical Code. | A7 | Verified | 4.504.2.4 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: 1. Manufacturer's product specification. 2. Field verification of on-site product containers. 4.504.3 Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of one of the following: 1. Carpet and Rug Institute's Green Label Plus Program. 2. California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 11.1, February 2010 (also known as Specification 01350). 3. NSF/ANSI 140 at the Gold level. 4. Scientific Certifications Systems' Indoor Advantage™ Gold. 4.504.3.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label program. 4.504.3.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 4.504.1. 4.504.4 Resilient flooring systems. Where resilient flooring is 11 installed, at least 80 percent of floor area receiving resilient flooring shall comply with one or more of the following: 1. VOC emission limits defined in the Collaborative for High Performance Schools (CHPS) High Performance Products Database. 2. Products compliant with CHPS criteria certified under the Greenguard Children & Schools program. 3. Certification under the Resilient Floor Covering Institute (RFCI) FloorScore program. 4. Meet the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 11.1, February 2010 (also known as Specification 01350). 4.504.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in ARBS Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.) by or before the dates specified in those sections, in 4.504.5. 4.504.5.1 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following: 1. Product certifications and specifications. 2. Chain of custody certifications. 3. Product labeled and invoked as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.). 4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association. 5. Other methods acceptable to the enforcing agency. TABLE 4.504.3 VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS, Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>COATING CATEGORY</th> <th>EFFECTIVE 1/1/2012</th> </tr> </thead> <tbody> <tr><td>Flat coatings</td><td>50</td></tr> <tr><td>Nonflat coatings</td><td>100</td></tr> <tr><td>Nonflat-high gloss coatings</td><td>150</td></tr> <tr><td>Aluminum roof coatings</td><td>400</td></tr> <tr><td>Basement specialty coatings</td><td>400</td></tr> <tr><td>Bituminous roof coatings</td><td>50</td></tr> <tr><td>Bluminox roof primers</td><td>350</td></tr> <tr><td>Bond breakers</td><td>350</td></tr> <tr><td>Concrete curing compounds</td><td>350</td></tr> <tr><td>Concrete/masonry sealers</td><td>100</td></tr> <tr><td>Driveway sealers</td><td>50</td></tr> <tr><td>Dry fog coatings</td><td>150</td></tr> <tr><td>Faux finishing coatings</td><td>350</td></tr> <tr><td>Fire resistive coatings</td><td>500</td></tr> <tr><td>Floor coatings</td><td>100</td></tr> <tr><td>Form-release compounds</td><td>250</td></tr> <tr><td>Grain-to-grain (on paints)</td><td>500</td></tr> <tr><td>High temperature coatings</td><td>420</td></tr> <tr><td>Industrial maintenance coatings</td><td>250</td></tr> <tr><td>Insulation coatings</td><td>100</td></tr> <tr><td>Magnesite cement coatings</td><td>450</td></tr> <tr><td>Mastic texture coatings</td><td>100</td></tr> <tr><td>Metallic pigmented coatings</td><td>500</td></tr> <tr><td>Multicolor coatings</td><td>250</td></tr> <tr><td>Pretreatment wash primers</td><td>420</td></tr> <tr><td>Primers, sealers, and undercoaters</td><td>100</td></tr> <tr><td>Reactive penetrating sealers</td><td>350</td></tr> <tr><td>Recycled coatings</td><td>250</td></tr> <tr><td>Roof coatings</td><td>50</td></tr> <tr><td>Rust preventative coatings</td><td>250</td></tr> <tr><td>Clear Shellacs</td><td>730</td></tr> <tr><td>Opaque Shellacs</td><td>550</td></tr> <tr><td>Specialty primers, sealers and undercoaters</td><td>100</td></tr> <tr><td>Stains</td><td>250</td></tr> <tr><td>Stone consolidants</td><td>450</td></tr> <tr><td>Swimming pool coatings</td><td>340</td></tr> <tr><td>Traffic marking coatings</td><td>100</td></tr> <tr><td>Tub and tile refinish coatings</td><td>420</td></tr> <tr><td>Waterproofing membranes</td><td>250</td></tr> <tr><td>Wood preservatives</td><td>350</td></tr> <tr><td>Zinc-rich primers</td><td>340</td></tr> </tbody> </table> <p>1. Grams of VOC per liter of coating, including water and including exempt compounds. 2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table. 3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008. More information is available from the Air Resources Board. TABLE 4.504.2 SEALANT VOC LIMIT - Less Water and Less Exempt Compounds in Grams per Liter <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SEALANTS</th> <th>CURRENT VOC LIMIT</th> </tr> </thead> <tbody> <tr><td>Architectural</td><td>250</td></tr> <tr><td>Marine deck</td><td>750</td></tr> <tr><td>Nonmembrane roof</td><td>300</td></tr> <tr><td>Roadway</td><td>250</td></tr> <tr><td>Single-ply roof membrane</td><td>450</td></tr> <tr><td>Other</td><td>420</td></tr> </tbody> </table> SEALANT PRIMERS <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>Architectural</td><td>250</td></tr> <tr><td>Nonporous</td><td>775</td></tr> <tr><td>Porous</td><td>500</td></tr> <tr><td>Modified bituminous</td><td>750</td></tr> <tr><td>Marine deck</td><td>750</td></tr> <tr><td>Other</td><td>750</td></tr> </tbody> </table> INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SECTION 702 QUALIFICATIONS</th> <th>Sheet</th> <th>Verified</th> </tr> </thead> <tbody> <tr> <td>702.1 Installer training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following: 1. State certified apprenticeship programs. 2. Public utility training programs. 3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. 4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency. 702.2 Special inspection. (HCD) When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this section. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector: 1. Certification by a national or regional green building program or standard publisher. 2. Certification by a statewide energy consulting or verification organization, such as HERS Raters, BPI, and home energy auditors. 3. Successful completion of a third party apprenticeship training program in the appropriate trade. 4. Other programs acceptable to the enforcing agency. Notes: 1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 2. HERS Raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS). (BSC) When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency. Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 703.1 Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified in the application checklist. </td> <td>A1</td> <td></td> </tr> <tr> <td> 4.301.1 Scope. The provisions of this chapter shall establish the means of conserving water used indoors, outdoors and in wastewater conveyance. 4.303.1.1 Water closets. 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| Flat coatings | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nonflat coatings | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nonflat-high gloss coatings | 150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aluminum roof coatings | 400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basement specialty coatings | 400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bituminous roof coatings | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bluminox roof primers | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bond breakers | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete curing compounds | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete/masonry sealers | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Driveway sealers | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry fog coatings | 150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Faux finishing coatings | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire resistive coatings | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Floor coatings | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Form-release compounds | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grain-to-grain (on paints) | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High temperature coatings | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Industrial maintenance coatings | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insulation coatings | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Magnesite cement coatings | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mastic texture coatings | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metallic pigmented coatings | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multicolor coatings | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pretreatment wash primers | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Primers, sealers, and undercoaters | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reactive penetrating sealers | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recycled coatings | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roof coatings | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rust preventative coatings | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Shellacs | 730 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Opaque Shellacs | 550 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Specialty primers, sealers and undercoaters | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stains | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stone consolidants | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swimming pool coatings | 340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Traffic marking coatings | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tub and tile refinish coatings | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waterproofing membranes | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wood preservatives | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zinc-rich primers | 340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEALANTS | CURRENT VOC LIMIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Architectural | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marine deck | 750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nonmembrane roof | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roadway | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single-ply roof membrane | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Architectural | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nonporous | 775 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Porous | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Modified bituminous | 750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marine deck | 750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | 750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION 702 QUALIFICATIONS | Sheet | Verified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 702.1 Installer training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following: 1. State certified apprenticeship programs. 2. Public utility training programs. 3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. 4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency. 702.2 Special inspection. (HCD) When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this section. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector: 1. Certification by a national or regional green building program or standard publisher. 2. Certification by a statewide energy consulting or verification organization, such as HERS Raters, BPI, and home energy auditors. 3. Successful completion of a third party apprenticeship training program in the appropriate trade. 4. Other programs acceptable to the enforcing agency. Notes: 1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 2. HERS Raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS). (BSC) When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency. Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 703.1 Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified in the application checklist. | A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.301.1 Scope. The provisions of this chapter shall establish the means of conserving water used indoors, outdoors and in wastewater conveyance. 4.303.1.1 Water closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-type Toilets. Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush. 4.303.1.2 Urinals. The effective flush volume of urinals shall not exceed 0.5 gallons per flush. 4.303.1.3 Single showerhead. Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads. 4.303.1.4 Residential lavatory faucets. The maximum flow rate of residential lavatory faucets shall not exceed 1.5 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.8 gallons per minute at 20 psi. 4.303.1.4.1 Kitchen faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily exceed the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction. 4.303.1.4.2 Laundry faucets in common and public use areas. The maximum flow rate of residential faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gallons per minute at 60 psi. 4.303.1.4.3 Metering faucets. Metering faucets when installed in residential buildings shall not deliver more than 0.25 gallons per cycle. 4.303.1.4.4 Kitchen faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily exceed the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction. 4.303.2 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1401.1 of the California Plumbing Code. | A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 50 percent of the nonhazardous construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste management ordinance. Exceptions: 1. Excavated soil and land-clearing debris. 2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably close to the jobsite. 3. The enforcing agency may make exceptions to the requirements of this section when isolated jobsites are located in areas beyond the haul boundaries of the diversion facility. 4.408.2 Construction waste management plan. Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency. 1. Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale. 2. Specify if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). 3. Identify diversion facilities where the construction and demolition waste material will be taken. 4. Identify construction methods employed to reduce the amount of construction and demolition waste generated. 5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both. 4.408.3 Waste management company. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1. Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company. 4.408.4 Waste stream reduction alternative. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed two (2) pounds per square foot of the building area, shall meet the minimum 50-percent construction waste reduction requirement in Section 4.408.1. 4.408.4.1 Waste stream reduction alternative. (HR) Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed two (2) pounds per square foot of the building area, shall meet the minimum 50-percent construction waste reduction requirement in Section 4.408.1. 4.408.5 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2, Items 1 through 5, Section 4.408.3 or Section 4.408.4. 4.410.1 Operation and maintenance manual. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building: 1. Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure. 2. Operation and maintenance instructions for the following: a. Equipment and appliances, including water-saving devices and systems, HVAC systems, water-heating systems and other major appliances and equipment. b. Roof and yard drainage, including gutters and downspouts. c. Space conditioning systems, including condensers and air filters. d. Landscape irrigation systems. e. Water reuse systems. 3. Information from local utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and localities. 4. Public transportation and/or carpool options available in the area. 5. Educational material on the positive impacts of an interior relative humidity between 30-60 percent and what methods an occupant may use to maintain the relative humidity level in that range. 6. Information about water-conserving landscape and irrigation design and controllers which conserve water. 7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation. 8. Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc. 9. Information about state solar energy and incentive programs available. 10. A copy of all special inspection verifications required by the enforcing agency or this code. | GB.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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