

# MANUFACTURER'S INFO SHEETS:

# GENERAL REQUIREMENTS:

24. OPENINGS
  - a. THE MINIMUM DIMENSION OF ANY AIR OPENINGS SHALL BE 3 IN. (CPC 701.6, CMC 701.6, CRC G2407.6)
  - b. SCREENS WITH MESH GREATER THAN OR EQUAL TO 1/4 IN. SHALL BE PROVIDED FOR OUTSIDE AIR OPENINGS (CPC 701.10.1, CMC 701.10.1, CRC G2407.10.1)
  - c. WHERE NET FREE AREA OF LOUVERS IS NOT KNOWN, ASSUMPTION SHALL BE MADE THAT METAL LOUVERS HAVE 75% FREE AREA AND WOOD LOUVERS HAVE 25% FREE AREA (CPC 701.10, CMC 701.10, CRC G2407.10)
  - d. NONMOTORIZED LOUVERS AND/OR DAMPERS SHALL BE IN A FIXED, OPEN POSITION (CPC 701.10, CMC 701.10, CRC G2407.10)
  - e. MOTORIZED LOUVERS SHALL BE INTERLOCKED WITH THE APPLIANCE AND SHALL BE IN FULLY OPEN POSITION PRIOR TO MAIN BURNER IGNITION AND DURING MAIN BURNER OPERATION. (CPC 701.10.2, CMC 701.10.2, CRC G2407.10.2)
25. COMBUSTION AIR DUCTS
  - a. COMBUSTION AIR DUCTS SHALL BE GALVANIZED METAL OR MATERIAL OF EQUIVALENT PERFORMANCE (CPC 701.11(1), CMC 701.11(1), CRC G2407.11(1))
  - b. MANUAL DAMPERS OR FIRE DAMPERS SHALL BE ALLOWED IN COMBUSTION AIR DUCTS (CMC 701.12, CRC G2407.12)
  - c. EXTERIOR OPENINGS SHALL BE NO LESS THAN 12 IN. ABOVE FINISHED GRADE (CPC 701.11(8), CMC 701.11(6), CRC G2407.11(6))
  - d. COMBUSTION AIR DUCTS SHALL SERVE ONLY ONE ENCLOSURE OR APPLIANCE SPACE (CPC 701.11(3), CMC 701.11(3), CRC G2407.11(3))
  - e. SAME DUCT SHALL NOT SERVE BOTH THE UPPER AND LOWER OPENINGS (CPC 701.11(4), CMC 701.11(4), CRC G2407.11(4))
  - f. REMAINING SPACE AROUND CHIMNEY SHALL NOT BE USED FOR COMBUSTION AIR (CPC 701.11(7), CMC 701.11(7), CRC G2407.11(7))
- D. GAS APPLIANCE CHIMNEYS AND VENTS.
  26. GENERAL
    - a. SYSTEM SHALL CONVEY ALL FLUE AND VENT GASES TO OUTDOORS (CPC 802.3, CMC 802.3, CRC G2427.3)
    - b. INDUCED-DRAFT FURNACES SHALL BE CLASSIFIED AS "FAN-ASSISTED" CATEGORY I (CPC 803.1, CMC 803.1, CRC G2428.1)
    - c. VENTS SHALL HAVE TESTING AGENCY LISTING AND LABEL EXCEPT SINGLE-WALL METAL AND PLASTIC FOR CATEGORY IV AS SPECIFIED BY MANUFACTURE AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS (CPC 802.1, CMC 802.1, CRC G2426.1)
  27. LOCATIONS & PROTECTION
    - a. SHEET METAL SHIELD SHALL EXTEND TO 2 IN. ABOVE ATTIC INSULATION (CPC 802.6.1.1, CMC 802.6.1.1, CRC G2426.4)
    - b. SCREWS TO INTO INNER WALL OF DOUBLE-WALL VENT SHALL NOT BE ALLOWED EXCEPT AT DRAFT HOOD OUTLET OR TO SINGLE-WALL CONNECTOR (CPC 802.6(4), CMC 802.6(4), CRC G2426.12)
    - c. CONCEALED VENTS SHALL BE PROTECTED WHEN LESS THAN 1 1/2 IN. FROM FACE OF FRAMING MEMBERS WITH MINIMUM 1/8 GA. STEEL SHIELD PLATES EXTENDING A MIN OF 4 IN. BEYOND FRAMING INSIDE WALL (CMC 802.2.6, CRC G2426.7)
    - d. VENTS SHALL NOT TERMINATE THROUGH FABRICATED DUCTS OR PLENUMS (CPC 802.5.3, CMC 802.5.3, CRC G2427.3.6)
- E. GAS VENT TERMINATIONS.
  28. GENERAL
    - a. GAS VENTS SHALL EXTEND ABOVE ROOF EXCEPT FOR DIRECT VENT APPLIANCES, APPLIANCES WITH INTEGRAL VENTS, AND MECHANICAL DRAFT APPLIANCES INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS (CPC 802.6.2, CMC 802.6.2)
    - b. FLASHING SHALL BE PROVIDED AT ROOF OR WALL VENT PENETRATION (CPC 802.6.1(6), CMC 802.6.1(6))
    - c. ALL GAS VENTS SHALL EXTEND THROUGH THE ROOF FLASHING, ROOF JACK, OR ROOF THIMBLE AND TERMINATE WITH A LISTED CAP OR LISTED ROOF ASSEMBLY. (CPC 802.6.1(6), CMC 802.6.1(6))
    - d. TYPE B OR L VENT TERMINATION SHALL BE A MINIMUM OF 5 FT. VERTICAL ABOVE DRAFT HOOD OR FLUE COLLAR (CPC 802.6.1, CMC 802.6.1)
    - e. VENTS GREATER THAN 12 IN. IN DIAMETER SHALL BE A MINIMUM OF 2 FT. ABOVE THE ROOF (CPC 802.6.2(1)(B), CMC 802.6.2(1)(B))
    - f. VENT SHALL TERMINATE A MINIMUM OF 3 FT. ABOVE FORCED AIR INLET LOCATED WITHIN 10 FT. OF VENT (CPC 802.6.1(7), CMC 802.6.1(7))
  29. CLEARANCE TO COMBUSTIBLES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS (CRC 1306.1, 1402.2 & 2409.3.1, CMC 303.1)
  30. CLEARANCE REDUCTIONS SHALL NOT BE ALLOWED FOR APPLIANCES LISTED FOR CLOSET OR ALCOVES (CMC 303.2)
  31. CENTRAL HEATING FURNACES NOT LISTED FOR CLOSET OR ALCOVE INSTALLATION SHALL BE INSTALLED IN A ROOM OR SPACE HAVING A VOLUME NOT LESS THAN 12 TIMES THE TOTAL VOLUME OF THE FURNACE. (CMC 303.2)

# PROJECT INFORMATION:

- ALL MATERIALS, EQUIPMENT, INSTALLATION, AND WORK SHALL COMPLY WITH THE LATEST VERSION OF THE:
- 2022 CALIFORNIA BUILDING CODE (CBC)
  - 2022 CALIFORNIA RESIDENTIAL CODE (CRC)
  - 2022 CALIFORNIA MECHANICAL CODE (CMC)
  - 2022 CALIFORNIA ELECTRICAL CODE (CEC)
  - 2022 CALIFORNIA PLUMBING CODE (CPC)
  - CALIFORNIA FIRE CODE (CFC)
  - CALIFORNIA ENERGY CODE (T24)
  - CALIFORNIA GREEN CODE (CALGREEN)
  - CITY OF COSTA MESA MUNICIPAL CODE.

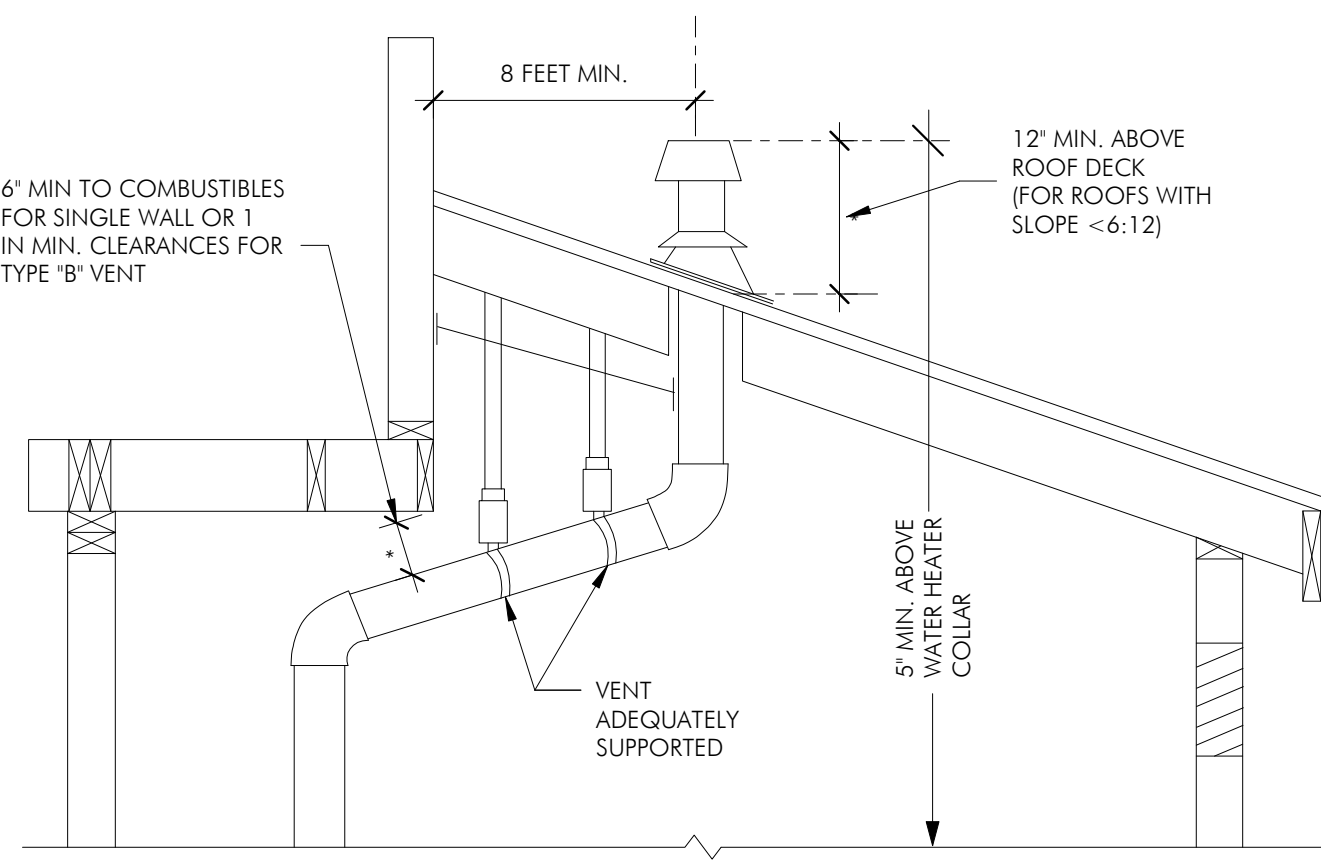
### SCOPE OF WORK:

1. INSTALLATION LOCATION: \_\_\_ CLOSET \_\_\_ ATTIC \_\_\_ OTHER (SPECIFY): \_\_\_\_\_
2. WEIGHT OF NEW HVAC UNIT: \_\_\_\_\_ POUNDS (MUST BE LESS THAN 350 LBS)
3. TONNAGE OF EXISTING HVAC UNIT: \_\_\_\_\_ TONS
4. TONNAGE OF NEW HVAC UNIT: \_\_\_\_\_ TONS (MUST BE EQUAL OR LESS THAN TONNAGE OF EXISTING UNIT)
5. SEER RATING OF HVAC UNIT: \_\_\_\_\_ SEER (MUST BE 15 SEER OR HIGHER)

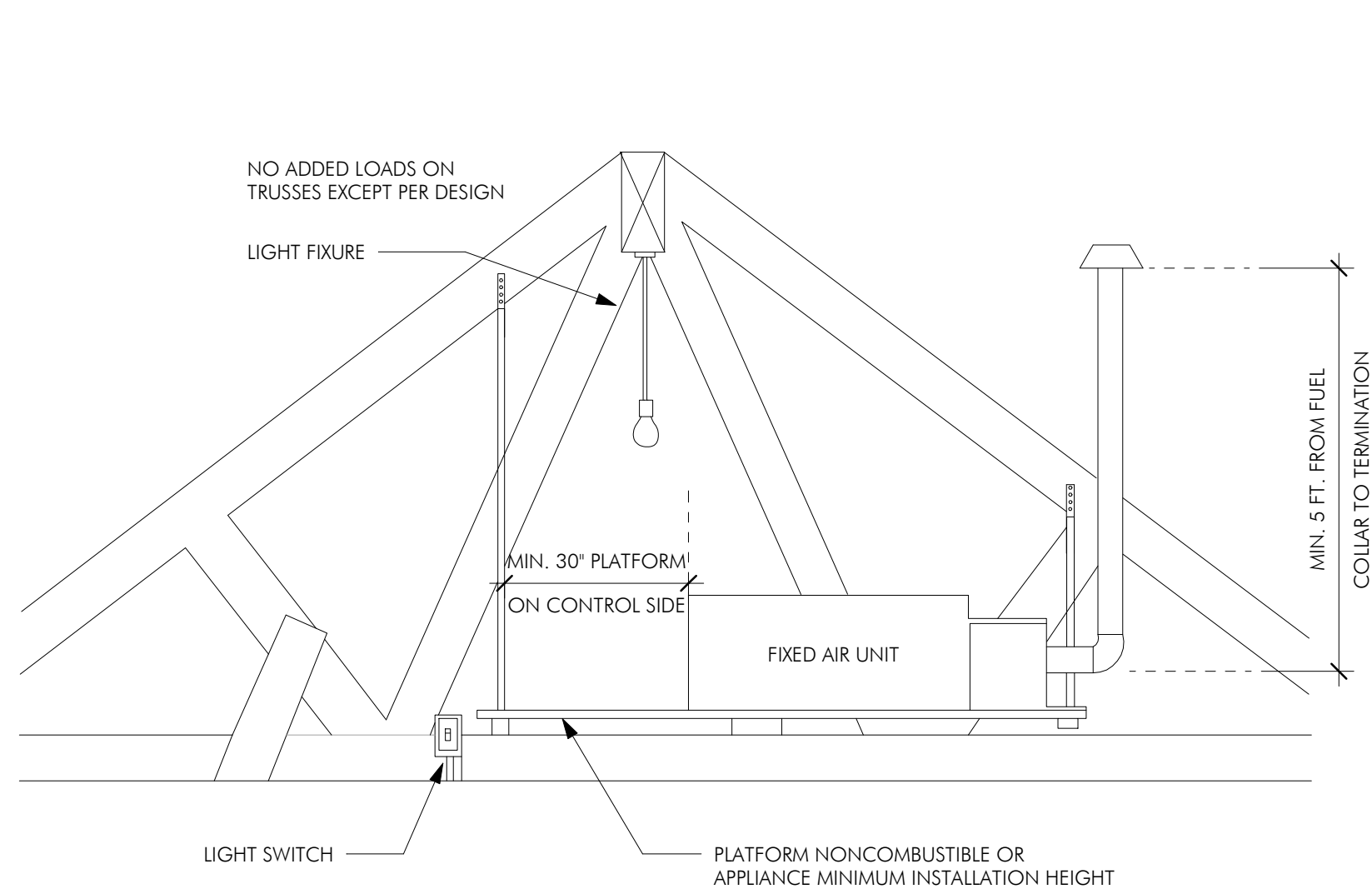
# GENERAL REQUIREMENTS:

- A. LOCATION OF HVAC APPLIANCES
  1. PROHIBITED LOCATIONS
    - a. FUEL-BURNING APPLIANCES SHALL BE PROHIBITED IN BEDROOMS, BATHROOMS, AND TOILET ROOMS (CRC 2406.2, CMC 904.1)
  2. ROOFTOP INSTALLATIONS
    - a. BUILDINGS GREATER THAN 15 FT. IN HEIGHT SHALL HAVE AN INSIDE MEANS OF ACCESS TO ROOF FOR INSTALLATION AND SERVICE (CMC 304.3.1)
    - b. MINIMUM OF 30 IN. X 30 IN. LEVEL WORKSPACE SHALL BE PROVIDED ON SERVICE SIDE OF APPLIANCE IF ROOF SLOPE IS GREATER THAN OR EQUAL TO 4:12 (CRC 1305.1.3, CMC 304.2)
    - c. MINIMUM 42" TALL GUARDRAIL SHALL BE PROVIDED IF APPLIANCE IS INSTALLED LESS THAN 10 FT. FROM ROOF EDGE (CRC 1301.1, CMC 304.3.1.1)
  3. APPLIANCES IN GARAGES
    - a. APPLIANCES SHALL BE PROTECTED FROM IMPACT (CRC 1307.3.1 & 2408.3X, CMC 305.1.1)
    - b. IGNITION SOURCE SHALL BE A OF MINIMUM 18 IN. ABOVE FLOOR EXCEPT WHEN APPLIANCE IS LABELED AS FLAMMABLE VAPOR IGNITION RESISTANT (FVIR) (CRC 1307.3 & 2408.2, CMC 305.1)
    - c. GAS-FIRED APPLIANCE MAY BE INSTALLED ON GARAGE FLOOR IF LOCATED IN A SEPARATE SPACE WITH ACCESS ONLY FROM OUTSIDE AND HAVING EXTERIOR COMBUSTION AIR (CRC 2408.2.1, CMC 305.1.2)
  4. APPLIANCES IN ATTICS
    - a. APPLIANCE SHALL BE ACCESSIBLE THROUGH AN OPENING AND PASSAGEWAY NOT LESS THAN THE LARGEST COMPONENT OF THE APPLIANCE, AND NOT LESS THAN 22 INCHES BY 30 INCHES (CRC 1305.1.2, CMC 304.4)
    - b. THE MAXIMUM DISTANCE SHALL BE 20 FT FROM ACCESS OPENING TO APPLIANCE WHERE HEIGHT OF PASSAGEWAY IS LESS THAN 6 FT. (CRC 1305.1.2X, CMC 304.4.1)
    - c. SOLID FLOOR A MINIMUM OF 24 IN. WIDE SHALL BE PROVIDED TO EQUIPMENT (CRC 1305.1.2, CMC 304.4.2)
    - d. MINIMUM 30 IN. X 30 IN. PLATFORM SHALL BE INSTALLED AT SERVICE AREA, EXCEPT EQUIPMENT MAY BE SERVICED FROM ACCESS OPENING WITH A MAXIMUM 1 FT. SETBACK IF SERVICED FROM OPENING (CRC 1305.1.2, CMC 304.4.3)
    - e. FLOOR UNDER FURNACE SHALL BE OF NONCOMBUSTIBLE CONSTRUCTION, EXCEPT WHEN APPLIANCE IS LISTED FOR INSTALLATION ON A COMBUSTIBLE FLOOR. (CRC 2449.4, CMC 904.3)
  5. APPLIANCES UNDER FLOORS (CRAWL SPACES)
    - a. APPLIANCE SHALL BE INSTALLED ABOVE DESIGN FLOOD ELEVATION (CRC 1301.1.1 & 1401.5, CMC 305.3)
    - b. APPLIANCE SHALL BE ACCESSIBLE THROUGH AN OPENING AND PASSAGEWAY NOT LESS THAN THE LARGEST COMPONENT OF THE APPLIANCE, AND NOT LESS THAN 22 INCHES BY 30 INCHES (CRC 1305.1.3, CMC 304.4)
    - c. THE MAXIMUM DISTANCE SHALL BE 20 FT FROM ACCESS OPENING TO APPLIANCE WHERE HEIGHT OF PASSAGEWAY IS LESS THAN 6 FT. (CRC 1305.1.2X, CMC 304.4.1)
    - d. MINIMUM 30-IN. X 30-IN. LEVEL SPACE SHALL BE PROVIDED ON SERVICE SIDE (CRC 1305.1.3, CMC 304.4.3)
    - e. APPLIANCE SHALL BE SUPPORTED ON CONCRETE SLAB A MINIMUM 3 IN. ABOVE ADJOINING GROUND OR SUSPENDED FROM FLOOR FRAMING ABOVE WHEN INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS AND INSTALLED A MINIMUM 6 IN. ABOVE GROUND (CRC 1305.1.3.1, CMC 904.3.1)
    - f. WHERE SOIL EXCAVATIONS ARE REQUIRED FOR INSTALLATION, A MINIMUM OF 6 IN. SHALL BE PROVIDED BELOW APPLIANCE, 12 IN. PROVIDED ON SIDES, AND 30 IN. PROVIDED ON CONTROL SIDE (CRC 1305.1.3.2, CMC 305.2)
    - g. WHERE EXCAVATION IS GREATER THAN 12 IN. BELOW ADJACENT GRADE, WALLS SHALL BE LINED WITH CONCRETE EXTENDING 4 IN. ABOVE ADJACENT GROUND LEVEL (CRC 1305.1.3, CMC 305.2)
    - h. LUMINAIRE AND RECEPTACLE OUTLET SHALL BE PROVIDED ADJACENT TO EQUIPMENT (CRC 1305.1.3, CMC 304.4.4)
    - i. SWITCH FOR LUMINAIRE SHALL BE LOCATED AT PASSAGEWAY ENTRANCE (CRC 1305.1.3.3, CMC 304.4.4)
    - j. EXPOSED LAMPS SHALL BE PROTECTED BY PLACEMENT OR GUARDS (CRC 1305.1.3.3, N/A)
    - k. GFCI PROTECTION SHALL BE PROVIDED FOR CRAWLSPACE LIGHTING AND RECEPTACLES (CRC 3902.4, NEC 210.8)
- B. AIR CONDITIONING
  6. SYSTEM SHALL BE SIZED PER ACCA MANUAL J & S (CRC M1401.3, CMC 1105.1)
  7. APPLIANCES SHALL BE ANCHORED IN PLACE (CRC M1307.2, CMC 303.4)
  8. UNIT SHALL BE SUPPORTED FROM GROUND ON A 3 IN. MINIMUM RAISED PAD (CRC M1305.1.4, CMC 1105.2)
  9. FURNACE WITH COOLING COIL SHALL HAVE BLOWER CAPABLE OF OVERCOMING RESISTANCE OF COOLING COIL AND DUCT SYSTEM FRICTION LOSSES (CRC M1411.2, CMC 904.71)
  10. CENTRAL AIR CONDITIONING SHALL HAVE AIR FILTER INSTALLED (CRC M1403.2, CMC 311.2)
  11. CONDENSER SHALL NOT BE INSTALLED WITHIN 5 FT. OF CLOTHES DRYER VENT (CRC M1403.1, CMC 311.2)
  12. REFRIGERANT PIPING AND TUBING SHALL BE INSTALLED SO THAT IT IS NOT SUBJECT TO DAMAGE FROM AN EXTERNAL SOURCE. (CRC M1411.7, CMC 1109.7)
  13. REFRIGERANT PIPING AND TUBING SHALL BE SECURELY FASTENED TO A PERMANENT SUPPORT WITHIN 6 FEET FOLLOWING THE FIRST BEND AFTER THE COMPRESSOR AND WITHIN 2 FEET OF EACH SUBSEQUENT BEND OR ANGLE. (CRC M1411.8, CMC 1109.6)
  14. REFRIGERANT TUBING SHALL BE INSTALLED AT A MAXIMUM OF 15 FT. INTERVALS (CRC M1411.8, CMC 1109.6)
  15. TAMPER-RESISTANT CAPS ON OUTDOOR REFRIGERANT PORTS SHALL BE INSTALLED EXCEPT WHEN PROTECTED BY WALLS AND/OR FENCING WITH KEY ACCESS (CRC M1411.9, CMC 1105.11X)
  16. DISCONNECTING MEANS SHALL BE LOCATED WITHIN SIGHT OF CONDENSER (CRC E4101.5, CMC 301.4)
  17. A GFCI-PROTECTED RECEPTACLE SHALL BE LOCATED WITHIN 25 FT. OF EQUIPMENT (CRC E3901.12, CMC 301.4)
- C. GAS APPLIANCE COMBUSTION AIR
  18. GENERAL
    - a. PROVIDE COMBUSTION AIR IN ALL SPACES CONTAINING CATEGORY I APPLIANCES (CPC 701.1, CMC 701.1, CRC G2407.1)
    - b. OTHER APPLIANCES (NOT CATEGORY I) SHALL PROVIDE COMBUSTION AIR AS ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. (CPC 701.1.1, CMC 701.1.1, CRC G2407.1.1)
    - c. DRAFT HOOD SHALL BE IN THE SAME AREA AS THE APPLIANCE (CPC 701.2, CMC 701.2, CRC G2407.3)
  19. MECHANICALLY SUPPLIED COMBUSTION AIR
    - a. MECHANICAL COMBUSTION AIR SUPPLY SHALL BE A MINIMUM OF 0.35 CU.FT. PER MINUTE PER 1000 BTU FOR ALL APPLIANCES LOCATED WITHIN THE SPACE (CPC 701.9, CMC 701.9, CRC G2407.9)
    - b. APPLIANCE SHALL BE INTERLOCKED TO MECHANICALLY SUPPLIED COMBUSTION AIR (CPC 701.9.2, CMC 701.9.2, CRC G2407.9.2)
  20. INDOOR AIR SOURCE
    - a. INDOOR AIR SOURCE ALONE FOR COMBUSTION AIR SHALL BE ALLOWED ONLY IF INFILTRATION GREATER THAN OR EQUAL TO 0.40 ACH (CPC 701.4, CMC 701.4, CRC G2407.5)
    - b. THE MINIMUM REQUIRED AIR VOLUME SHALL BE 50 CUBIC FEET PER 1000 BTU/H (CPC 701.4.1, CMC 701.4.1, CRC G2407.5.1)
  21. SINGLE PERMANENT OPENING METHOD
    - a. SINGLE DIRECT EXTERIOR OPENING SHALL BE ACCEPTABLE WHEN LOCATED IN THE UPPER 12 IN. OF ENCLOSURE AND SIZED TO BE A MINIMUM OF 1 SQ. IN. PER 3,000 BTU AND GREATER THAN OR EQUAL TO THE SUM OF VENT CONNECTORS (CPC 701.6.2, CMC 701.6.2, CRC G2407.6.2)
    - b. APPLIANCE SHALL HAVE A MINIMUM OF 1 IN. CLEARANCE ON ALL SIDES AND BACK, AND 6 IN. CLEARANCE IN FRONT (CPC 701.6.2, CMC 701.6.2, CRC G2407.6.2)
    - c. APPLIANCE MAY BE DUCTED TO EXTERIOR OR SPACES THAT HAVE DIRECT VENTILATION WITH THE EXTERIOR, SUCH AS VENTED CRAWL SPACES AND ATTICS (CPC 701.6.2, CMC 701.6.2, CRC G2407.6.2)
  22. TWO PERMANENT OPENINGS METHOD
    - a. WHERE TWO OPENINGS ARE USED, OPENINGS SHALL BE LOCATED IN BOTH THE UPPER AND LOWER 12 IN. OF MECHANICAL SPACE (CPC 701.6.1, CMC 701.6.1, CRC G2407.6.1)
    - b. WHERE 2 DIRECT EXTERIOR OPENINGS ARE USED, A MINIMUM OF 1 SQ. FREE AREA PER 4000 BTU/H OF INTAKE RATING SHALL BE REQUIRED (CPC 701.6.1, CMC 701.6.1, CRC G2407.6.1)
    - c. WHERE 2 VERTICAL DUCTS ARE USED, A MINIMUM OF 1 SQ. IN. FREE AREA PER 4000 BTU/H OF INTAKE RATING SHALL BE REQUIRED (CPC 701.6.1, CMC 701.6.1, CRC G2407.6.1)
    - d. WHERE 2 HORIZONTAL DUCTS ARE USED, A MINIMUM OF 1 SQ. IN. PER 2000 BTU/HR OF INTAKE RATING SHALL BE REQUIRED (CPC 701.6.1, CMC 701.6.1, CRC G2407.6.1)
  23. ATTIC AND CRAWL SPACE SOURCES
    - a. VENTILATED ATTICS AND CRAWL SPACES SHALL BE CONSIDERED EQUIVALENT TO OUTDOORS (CPC 701.6.1, CMC 701.6.1, CRC G2407.6.1)
    - b. SCREENS SHALL NOT BE ALLOWED ON DUCTS TERMINATING IN ATTIC (CPC 701.11(5), CMC 701.11(5), CRC G2407.11(5))
    - c. CRAWL SPACE BELOW SHALL BE USED ONLY FOR LOWER COMBUSTION AIR, NOT UPPER COMBUSTION AIR REQUIREMENT (CPC 701.11(6), CMC 701.11(7), CRC G2407.11(7))

# VENTILATION:



# ATTIC FURNACE VENTILATION:



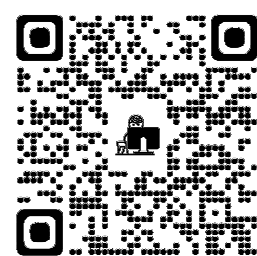
# WARNINGS & DISCLOSURES:

THE CITY OF COSTA MESA PROVIDES THESE STANDARD PLANS FOR A LIMITED NUMBER OF PERMITS AND A NARROWLY DEFINED SCOPE OF WORK. BY USING THESE STANDARDS, THE PERMIT HOLDER AGREES TO THE FOLLOWING TERMS:

- THE PLANS MUST BE SUBMITTED EXACTLY AS PROVIDED BY THE CITY, WITHOUT ALTERATION OR MODIFICATION. ANY UNAUTHORIZED CHANGES, INCOMPLETE SECTIONS, OR DOCTORED INFORMATION INVALIDATE THE PLANS & PERMIT.
- THESE PLANS MAY ONLY BE USED FOR THE SPECIFIC PROJECT AND SCOPE ASSOCIATED WITH THE CURRENT PERMIT APPLICATION. USE FOR ANY OTHER PURPOSE, INCLUDING PROJECTS OUTSIDE OF COSTA MESA, IS PROHIBITED.
- ALL INTELLECTUAL PROPERTY RELATED TO THESE PLANS REMAINS THE PROPERTY OF THE CITY OF COSTA MESA.
- FAILURE TO ADHERE TO THE PROVIDED STANDARDS, OR SUBMISSION OF INCOMPLETE OR INCORRECT INFORMATION, WILL RESULT IN DELAYS, AND MAY REQUIRE ADDITIONAL DOCUMENTATION, SUBMITTAL OF NEW APPLICATIONS, VOIDING OF THE PERMIT, AND/OR LEAD TO CODE ENFORCEMENT ACTIONS, INCLUDING CITATIONS AND FINES.

BY PROCEEDING, THE APPLICANT ACKNOWLEDGES THESE TERMS AND AGREES TO COMPLY FULLY WITH THE CITY OF COSTA MESA'S RESIDENTIAL RE-ROOF STANDARD DETAILS, SPECIFICATIONS, LIMITATIONS, AND REQUIREMENTS.

SIGNATURE: \_\_\_\_\_



# CITY OF COSTA MESA



## RESIDENTIAL HVAC STANDARD

### PERMIT LIMITATIONS:

1. THIS PERMIT IS FOR THE INSTALLATION OR REPLACEMENT OF HVAC EQUIPMENT IN A SINGLE-FAMILY DWELLING ON A SINGLE PARCEL.
2. IMPROVEMENT UNDER THIS PERMIT MAY INCLUDE A/C CONDENSERS, FORCED AIR UNITS (FAU), FAN COILS, NEW DUCT WORK, WALL HEATERS, MINI SPLITS, FURNACES, HEAT PUMPS, AND WHOLE HOUSE FANS.
3. ALL HVAC COMPONENTS MUST BE LOCATED WITHIN A PRIVATELY OWNED LOCATION.
4. ALL EXTERIOR EQUIPMENT MUST BE INSTALLED AT GROUND LEVEL (NO ROOF-TOP EQUIPMENT) AND ON THE SIDE/REAR FAÇADE(S) OF THE BUILDING.
5. THE EQUIPMENT SHALL NOT BE VISIBLE TO THE PUBLIC.
6. NO ADDITIONAL CONDITIONED SPACES SHALL BE CREATED FROM THIS PERMIT.
7. NO OTHER IMPROVEMENTS ARE ALLOWED WITH THIS PERMIT.

### CITY REQUIREMENTS:

1. JOB PLACARD SHALL BE POSTED ON THE SITE, IN A LOCATION READILY VISIBLE FROM THE STREET.
2. ALL COMPANIES & CONTRACTORS WORKING OR OPERATING WITHIN THE CITY OF COSTA MESA MUST HAVE A VALID CITY OF COSTA MESA BUSINESS LICENSE. (BUSINESS LICENSES CAN BE APPLIED FOR ONLINE WITH TESSA)
3. OVERSIZED LOAD PERMITS ARE REQUIRED FOR:
  - SINGLE TRUCKS EXCEEDING 8'-6" W X 40' L X 14'
  - COMBINATION TRUCKS EXCEEDING 8'-6" W X 75' L X 14'
4. (OVERSIZED LOAD PERMITS CAN BE APPLIED FOR ONLINE WITH TESSA)
5. A PRELIMINARY PUBLIC WORKS INSPECTION IS REQUIRED PRIOR TO THE COMMENCEMENT OF ANY WORK.
6. A FINAL PUBLIC WORKS INSPECTION IS REQUIRED IMMEDIATELY PRIOR TO THE FINAL BUILDING INSPECTION.
7. ANY DAMAGE TO THE EXISTING PUBLIC IMPROVEMENTS (E.G. SIDEWALKS, CURB & GUTTER, STREET PAVING, LANDSCAPING, ETC.) THAT OCCURRED TO THE AREA SURROUNDING THE SITE DURING THE COURSE OF CONSTRUCTION SHALL BE REPAIRED PER THE CITY STANDARDS AT THE PROPERTY OWNERS EXPENSE.
8. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY AND ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY (SEPARATE APPLICATION REQUIRED)

### CONSTRUCTION WORKING HOURS:

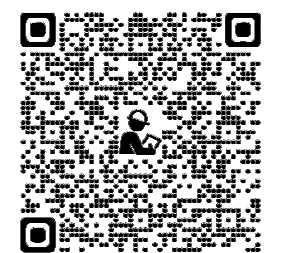
- MONDAY THROUGH FRIDAY, 7AM TO 7PM
- SATURDAYS, 9AM THROUGH 6PM
- CONSTRUCTION WORK IS NOT ALLOWED ON SUNDAYS OR THE FOLLOWING SPECIFIED FEDERAL HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY.
- VIOLATORS WILL BE CITED AND POTENTIALLY FINED.

### INSPECTIONS:

- 68 - STRUC-FRAME & FLASHING

\* AFTER BOOKING THIS INSPECTION, LOG INTO TESSA TO UPLOAD THE SUPPORTING DOCUMENTATION TO THIS INSPECTION ITEM BEFORE THE INSPECTOR ARRIVES.

TO BOOK AND INSPECTION, VIEW THE INSPECTION SCHEDULE, OR SEE INSPECTION RESULTS, VISIT TESSA



FOR OFFICE USE ONLY:

PERMIT #: \_\_\_\_\_

ISSUED: \_\_\_\_\_

\_\_\_\_\_

PROJECT NAME: \_\_\_\_\_  
PROJECT ADDRESS: \_\_\_\_\_ COSTA MESA, CA

OWNER INFO NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

CONTRACTOR INFO NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

LICENSE: \_\_\_\_\_ EXPIRATION: \_\_\_\_\_

PLAN PREPARER INFO NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

EMERGENCY CONTACT INFO NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

ROLE/RELATION TO PROPERTY: \_\_\_\_\_

TENANT INFO (IF APPLICABLE) NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

\_\_\_\_\_



FORM NUMBER: CBAC-1

(RELEASE: 09-2024)

**ENLARGED FLOOR AND/OR ATTIC PLAN:**

**MANUFACTURER'S INFO SHEETS:**

**MANUFACTURER'S INFO SHEETS:**

**RESIDENTIAL HVAC  
STANDARD**

FOR OFFICE USE ONLY:

PERMIT #:

ISSUED:

**PROJECT NAME:**  
**PROJECT ADDRESS:** COSTA MESA, CA

**OWNER INFO**  
NAME:

PHONE:

EMAIL:

**CONTRACTOR INFO**  
NAME:

PHONE:

EMAIL:

LICENSE:      EXPIRATION:

**PLAN PREPARER INFO**  
NAME:

PHONE:

EMAIL:

**EMERGENCY CONTACT INFO**  
NAME:

PHONE:

ROLE/RELATION TO PROPERTY:

**TENANT INFO (IF APPLICABLE)**  
NAME:

PHONE:

EMAIL:



**FORM NUMBER:  
CBAC-2**

(RELEASE: 09-2024)

**SITE PLAN CHECKLIST:**

- A DIMENSIONED (OR SCALED) DRAWING THAT INCLUDES THE FOLLOWING:
  - DRAW THE PROPERTY LINES WITH DIMENSIONS (LOT WIDTH X DEPTH)
  - SHOW ALL BUILDINGS ON THE PROPERTY. THIS INCLUDES THE HOUSE AND OTHER ABOVE GRADE STRUCTURES LIKE: PATIO COVERS, TRASH ENCLOSURES, BBQ, FIRE PITS, ETC.
  - SHOW POOLS, SPAS, AND OTHER DECORATIVE WATER FEATURES.
  - SHOW ALL EASEMENTS & SETBACKS FROM ULTIMATE PROPERTY LINES AND THE DISTANCES BETWEEN BUILDINGS AND OTHER STRUCTURES.
  - SHOW DRIVEWAYS
  - SHOW STREETS, WITH STREET NAMES, AND SIDEWALKS ADJACENT TO THE PROPERTY
  - SHOW ORIENTATION WITH A NORTH ARROW
  - SHOW FENCE LOCATIONS WITH HEIGHTS AND TYPE (WOOD, VINYL, BLOCK WALL)
  - INDICATE THE EXISTING AND PROPOSED LOCATION OF THE OUTDOOR UNIT.
  - SHOW THE DISTANCE TO THE DOORS AND WINDOWS ON THE NEIGHBORING PROPERTY CLOSEST TO THE PROPOSED UNIT.
  - ON THE INTERIOR FLOORPLAN, SHOW THE LOCATION OF ALL HVAC EQUIPMENT (FURNACE, FAU, WALL HEATER)

