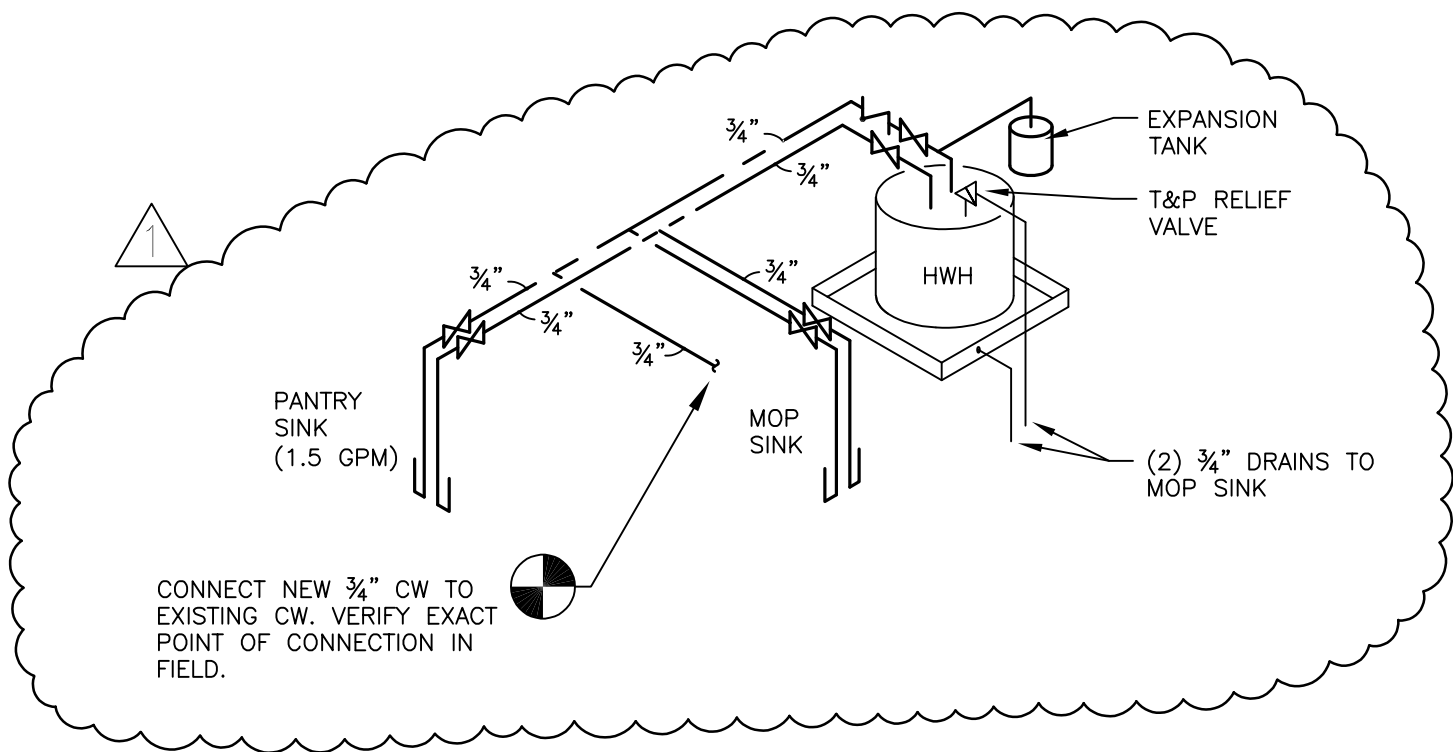
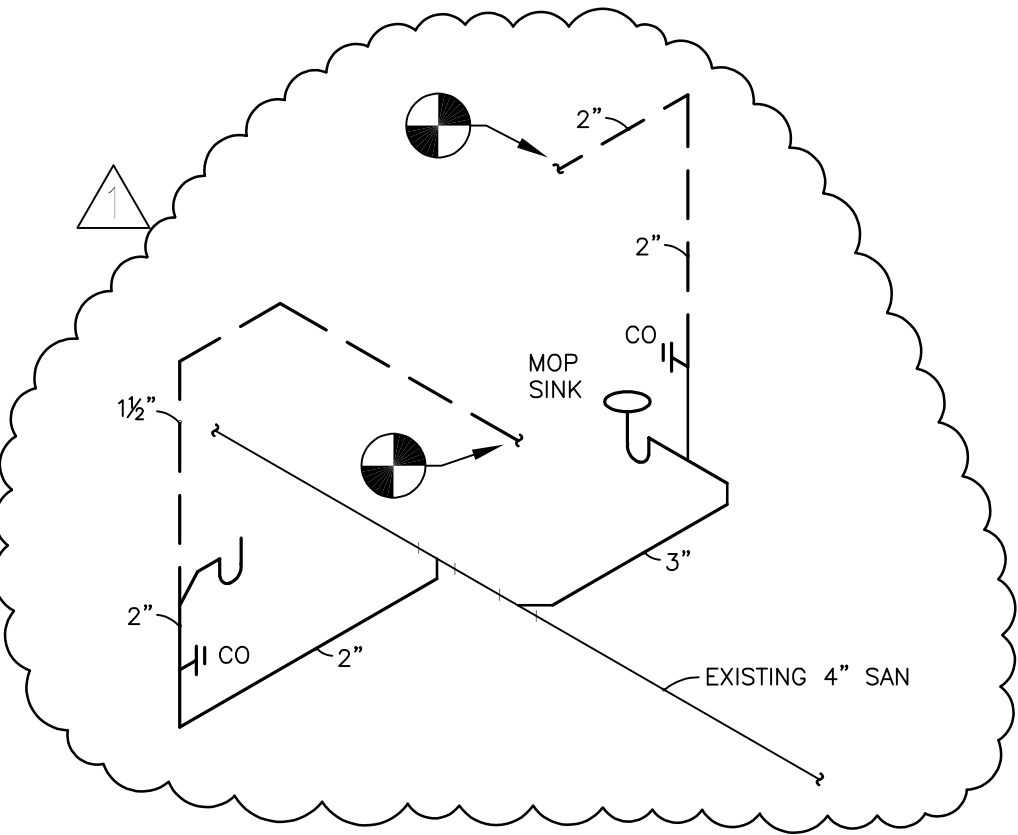


ELECTRIC WATER HEATER SCHEDULE										
WATER HEATER NUMBER	NO. REQUIRED	GALLONS CAPACITY	ELECTRICAL					RECOVERY @100' TEMP. RISE	APPROX. OPERATING WEIGHT LBS.	DIMENSIONS
			AMPS	KW	PHASE	CYCLE	VOLTS			
WH-1	1	10	12.0	2.5	1	60	208	10 GPH	138	8-1/4" H 8" DIA
									MANUFACTURER AND MODEL NO.	
									REMARKS	
									EXPANSION TANK: "BELL & GOSSETT" MODEL PT-5	



DOMESTIC WATER RISER DIAGRAM



SANITARY AND WASTE RISER DIAGRAM

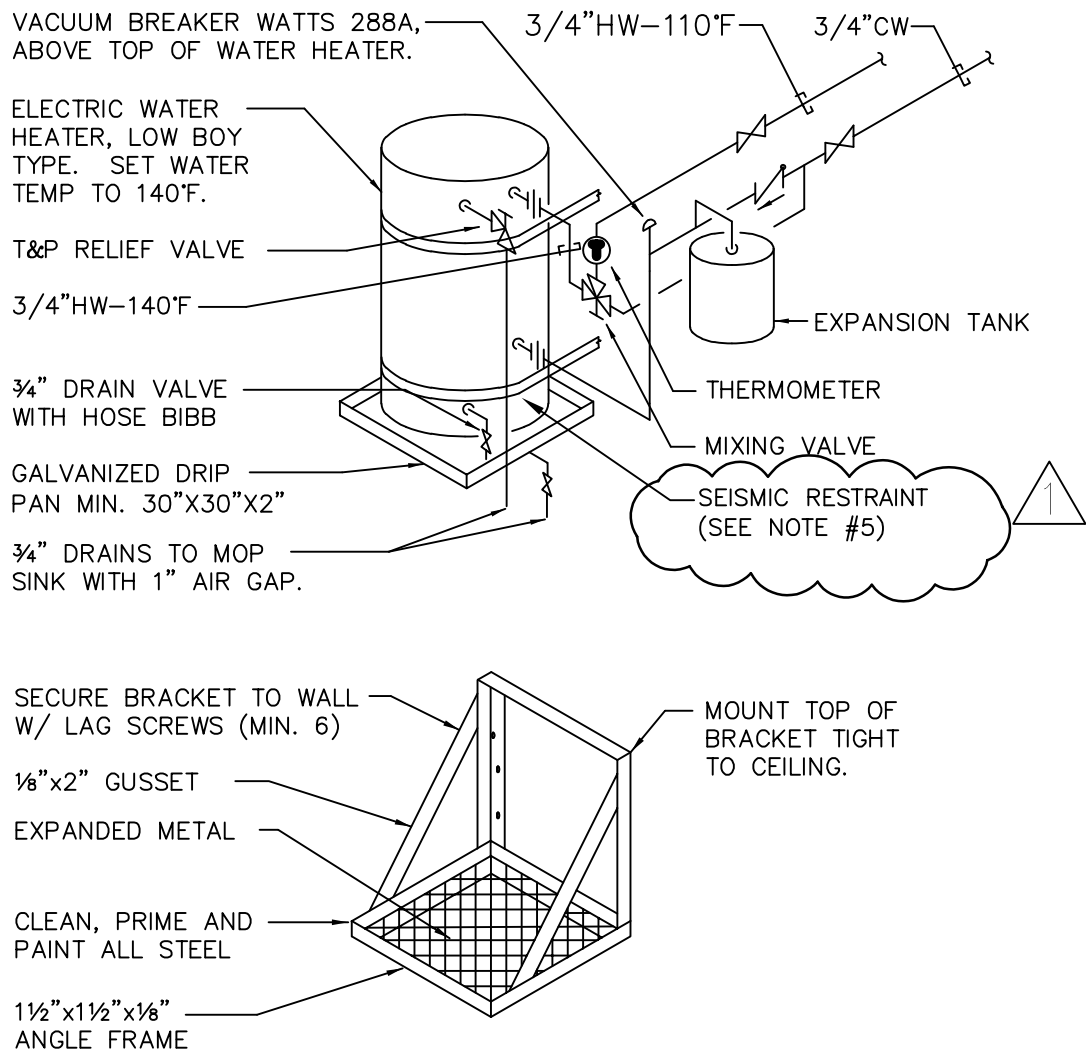
DEPARTMENT OF BUILDING USE

REVISIONS
02.03.25 - LL ISSUE
04.03.25 - LL COMMENT RESPONSE
04.04.25 - PERMIT SET
04.09.25 - BID ISSUE
05.30.25 - DOB COMMENT RESPONSE

PLUMBING
SYMBOLS, DETAILS,
AND RISER DIAGRAM

SHEET NUMBER

P-100

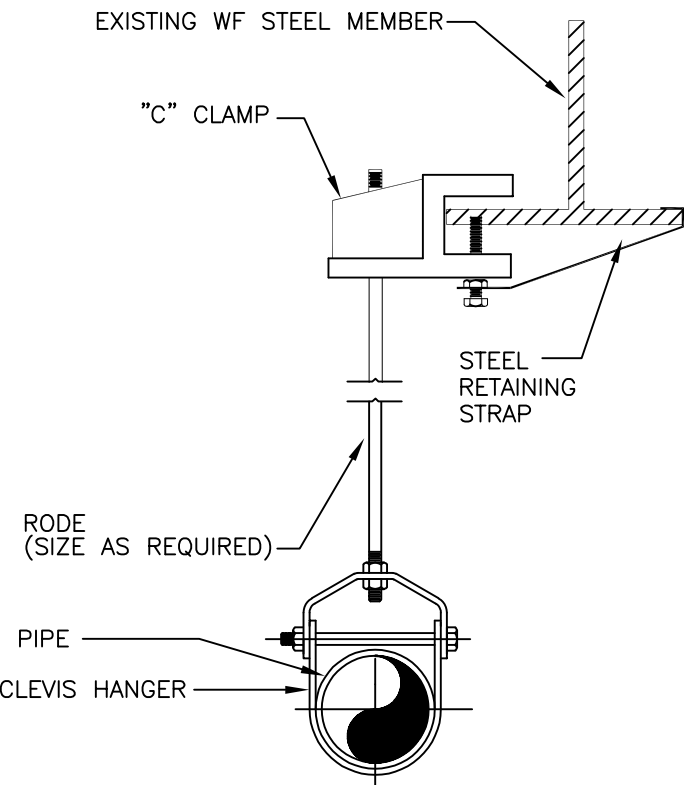


NOTES:

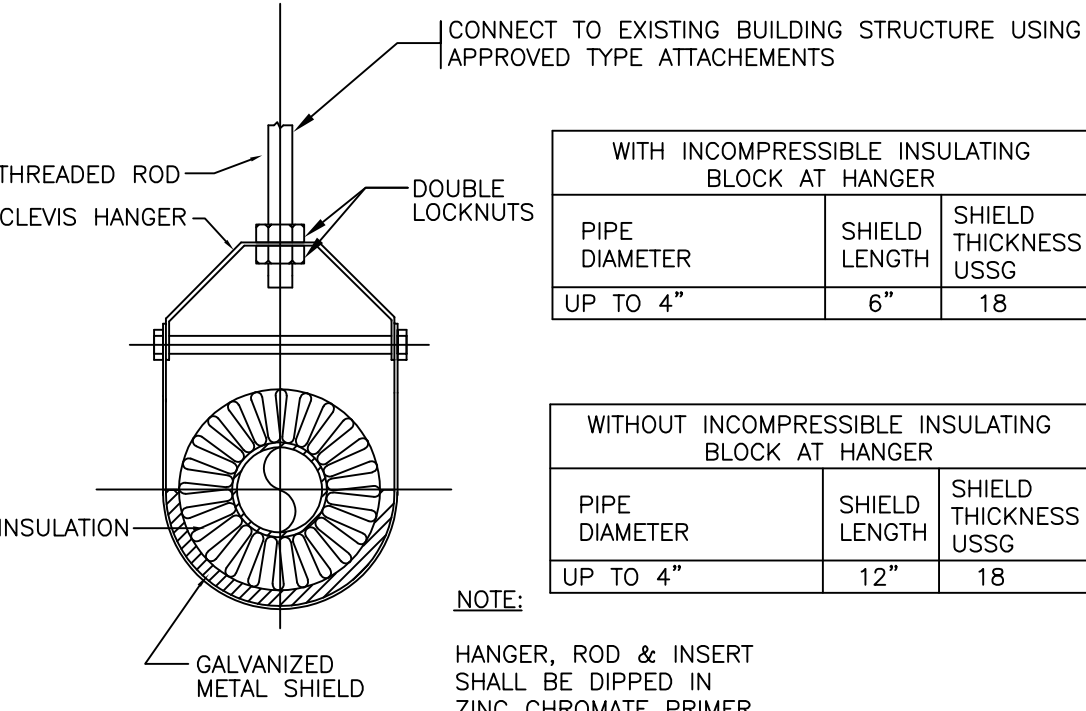
1. PROVIDE ADJUSTABLE TYPE THERMOMETER POSITIONED SO IT IS READABLE FROM THE FLOOR IF MOUNTED HIGHER THAN 6 FT.
2. INSTALL THERMOMETER IN OVERSIZED TEE.
3. INSTALL ELEC. WATER HEATER STRICTLY AS PER MANUFACTURER'S RECOMMENDATIONS. EXACT LOCATIONS AS PER ARCHITECT.
4. WATER CONNECTIONS TO WATER HEATER SHOULD BE FLEXIBLE CONNECTIONS
5. PROVIDE 3/4" WIDE PERFORATED 24 GA STEEL STRAPPING AT UPPER ONE THIRD (1/3) AND LOWER ONE-THIRD (1/3) OF WATER HEATER ANCHORED TO REAR WALL USING MINIMUM 1/4" LAG SCREW WITH WASHER INTO WALL STUD.

HOT WATER HEATER PIPING

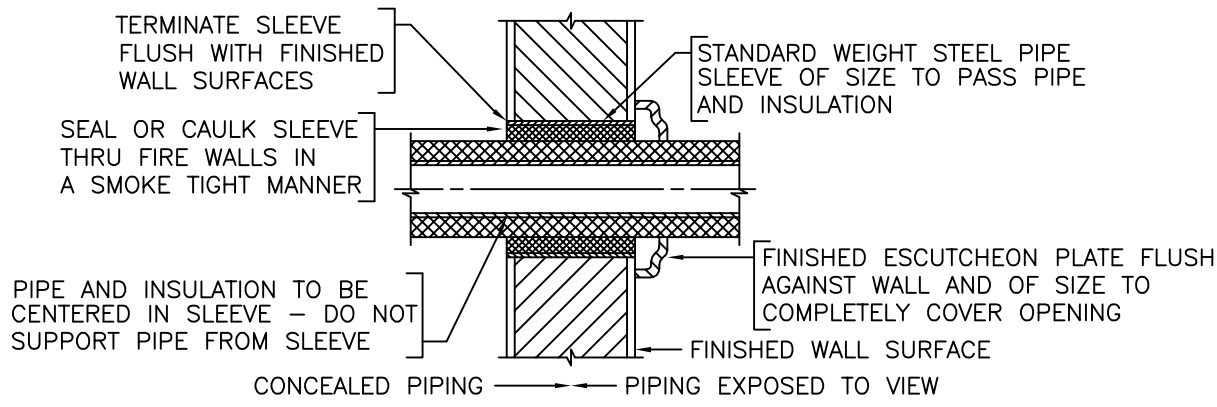
SCHEMATIC AND SUPPORT DETAIL



CLEVIS HANGER DETAIL



TYPICAL INSULATED PIPE SUPPORT



INTERIOR WALLS
PIPE SLEEVES THRU WALL

PLUMBING SYMBOL LIST

ABBREVIATIONS	DESCRIPTION
---	EXISTING PIPING TO REMAIN
----	VENT PIPING
-----	SANITARY PIPING
-----	COLD WATER PIPING (CW)
-----	HOT WATER PIPING (HW)
-----	HOT WATER RETURN PIPING (HWR)
////	EXISTING PIPING TO BE REMOVED
---	SANITARY PIPING UNDERGROUND
---	CLEANOUT
---	CODP (CLEANOUT DECK PLATE)
---	PIPE-UP UNLESS OTHERWISE NOTED
---	PIPE-DOWN UNLESS OTHERWISE NOTED
LOW HIGH	DROP OR RISE
---	TOP CONNECTION
---	BOTTOM CONNECTION
---	CAP
---	UNION
---	VALVE ON VERTICAL
---	TRAP
---	WATER CONTROL VALVE
---	CHECK VALVE (CHKV)
---	FLOOR DRAIN (FD)
SYSTEM NO	RISER DESIGNATION
---	CONNECT TO EXISTING
---	CENTER LINE

PLUMBING ABBREVIATIONS

ABBREVIATIONS	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASSE	AMERICAN SOCIETY OF SANITARY ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
C.O.	CLEANOUT
CODP	CLEANOUT DECK PLATE
CW	COLD WATER
DF	DRINKING FOUNTAIN
DN	DOWN
DWG	DRAWING
EL	ELEVATION
FD	FLOOR DRAIN
FS	FLOOR SINK
HS	HAND SINK
FFD	FUNNEL FLOOR DRAIN
DF	DRINKING FOUNTAIN
HB	HOSE BIBB
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HOT WATER
HWR	HOT WATER RETURN
LAV	LAVATORY
L	LEADER
MER	MECHANICAL EQUIPMENT ROOM
NC	NORMALLY CLOSED
NIC	NOT IN PLUMBING CONTRACT
NFWH W/VB	NON-FREEZE WALL HYDRANT WITH VACUUM BREAKER
NO	NORMALLY OPEN
NTS	NOT TO SCALE
PD	PUMP DISCHARGE
PRV	PRESSURE REDUCING VALVE
REFG	REFRIGERATOR
SAN	SANITARY
ST	STORM
TYP	TYPICAL
VB	VACUUM BREAKER
WH	WALL HYDRANT
WC	WATER CLOSET

DATE: 02/03/25

JOB NO: 25114

DRAWN: -

CHECKED: -



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MANGO AT CORTE MADERA
THE VILLAGE AT CORTE MADERA CENTER
1618 REDWOOD HIGHWAY, SPACE #D039
CORTE MADERA/CA/94925



IVO SKIBOLA, PE

SPECIFICATIONS FOR PLUMBING WORK

1. GENERAL

A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT

B. VERIFY ALL GOVERNING DIMENSIONS, PIPE SIZES AND LOCATION AT THE BUILDING

C. CAREFULLY EXAMINE EXISTING CONDITIONS BEFORE SUBMITTING PROPOSAL. PROPOSAL SHALL INCLUDE ALL WORK REQUIRED FOR A COMPLETE SAFE INSTALLATION OF PLUMBING SYSTEMS

D. COORDINATE ALL WORK TO MINIMIZE INTERFERENCE WITH EXISTING FACILITIES AND OTHER TRADES

E. SUBMISSION OF PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT REQUIRED EXAMINATION OF FIELD CONDITIONS AND CONTRACT DRAWINGS HAS BEEN MADE. LATER CLAIMS FOR EXTRA LABOR, EQUIPMENT AND MATERIALS REQUIRED DUE TO DIFFICULTIES, WHICH COULD HAVE BEEN FORESEEN, WILL NOT BE RECOGNIZED

F. PROVIDE BUILDING MANAGER WITH WRITTEN NOTICE AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY TENANT'S DEMOLITION, ALTERATION OR CONSTRUCTION WORK

G. NOTIFY BUILDING MANAGEMENT A MINIMUM OF FIVE WORKING DAYS PRIOR TO PERFORMING WORK IN OTHER THAN THIS PROJECT PREMISES. ALL WORK IN OTHER THAN THIS PROJECT PREMISES MUST BE PERFORMED AFTER NORMAL WORKING HOURS (8:00 AM TO 6:00 PM MONDAYS THROUGH FRIDAYS) OR BE PERFORMED ON WEEKENDS

H. NOTIFY BUILDING MANAGEMENT A MINIMUM OF ONE WEEK PRIOR TO PERFORMING ANY SHUTDOWNS OF PLUMBING RISERS. PLUMBING RISERS SHUT DOWNS SHALL BE PERFORMED AT DESIGNATED TIMES UNDER BUILDING MANAGER SUPERVISION AT NO EXTRA COST. NO PLUMBING RISERS TO BE SHUTDOWN DURING BUILDING OFFICE HOURS

I. ANY WORK (INCLUDING, BUT NOT LIMITED TO DEMOLITION, REMOVALS, CONSTRUCTION AND CORE DRILLING) THAT CAUSES EXCESSIVE NOISE AUDIBLE OUTSIDE THE PREMISES, OR OTHERWISE CAUSES INCONVENIENCE TO OTHER TENANTS OR DISTURBS THE BUILDING OPERATIONS, MUST BE PERFORMED AFTER NORMAL WORKING HOURS (8:00 AM TO 6:00 PM MONDAYS THROUGH FRIDAYS) OR BE PERFORMED ON WEEKENDS

J. PROVIDE WORKMANSHIP OF HIGHEST GRADE: INSTALL ALL EQUIPMENT IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS, REQUIREMENTS OF LOCAL BUILDING CODE AND BUILDING MANAGEMENT RULES GOVERNING TENANT ALTERATIONS OF DEMISED SPACE

K. PROVIDE ONE YEAR GUARANTEE AGAINST DEFECTIVE WORKMANSHIP AND MATERIAL
2. SCOPE OF WORK

A. ALL REQUIRED LABOR, MATERIALS AND CONTRACTOR'S SERVICES NECESSARY FOR COMPLETE SAFE INSTALLATION OF PLUMBING WORK IN FULL CONFORMITY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION: ALL AS INDICATED ON DRAWINGS AND/OR HEREIN SPECIFIED

B. NEW PLUMBING FIXTURES, PIPING, EQUIPMENT AS INDICATED

C. REMOVAL OF EXISTING FIXTURES AND PIPING AS INDICATED

D. INSULATION

E. CUTTING AND PATCHING

F. PAY REQUIRED CHARGES

G. DISINFECTION

H. CONNECTIONS TO EQUIPMENT AND FIXTURES PROVIDED BY OTHERS
3. WORK NOT INCLUDED

A. FINAL PATCHING AND PAINTING (EXCEPT THIS CONTRACTOR SHALL DO CUTTING, CORE DRILLING AND ROUGH PATCHING AS REQUIRED AND PIPE STENCILING)
4. SUBMITTALS

A. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING:

• PLUMBING FIXTURES AND TRIM

• PIPING LAYOUT INDICATING PIPE SIZES AND ELEVATIONS

• ANCHORS

• HANGERS

• VALVES

• VACUUM BREAKER

• WATER HAMMER ARRESTORS

B. IF THE CONTRACTOR DESIRES TO SUBMIT A SUBSTITUTION HE SHALL PROVIDE THE ENGINEER WITH DESCRIPTIVE MATERIAL AND THE REASON FOR SUBSTITUTION. THE CONTRACTOR SHALL STATE THE DIFFERENTIAL IN PRICE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE SUBSTITUTE. IN CASE THE SUBSTITUTE PERFORMANCE IS NOT EQUAL TO THE PERFORMANCE OF SPECIFIED ITEM THE CONTRACTOR SHALL REPLACE THE SUBSTITUTE WITH THE SPECIFIED ITEM AT NO COST TO THE OWNER

C. AS-BUILT DRAWINGS

• SUBMIT A SET OF REPRODUCIBLE AS-BUILT DRAWINGS SHOWING ALL WORK IN DETAIL TO ENGINEER. SUBMIT A SET OF AS-BUILT DRAWINGS SHOWING ALL WORK IN DETAIL TO BUILDING ENGINEER (OWNER)

• PROVIDE AN ELECTRONIC FILE OF THE AS-BUILT DRAWINGS IN AN AUTOCAD 2000 FORMAT AND TWO SETS OF BLUE LINE PRINTS FOR SUBMISSION TO THE BUILDING MANAGEMENT

• ALL FINAL DESIGN DRAWINGS AND AS-BUILT DRAWINGS IN PDF AND HARD COPIES SHALL BE FORWARDED TO THE BUILDING MANAGEMENT OFFICE
5. GENERAL ITEMS

A. AIR CHAMBERS: PROVIDE ON HOT AND COLD WATER SUPPLY TO EACH FIXTURE, 12" HIGH AND SAME SIZE AS BRANCH

B. ESCUTCHEONS: PROVIDE EXPOSED PIPING BOTH BARE AND COVERED, WITH CHROME PLATED CAST BRASS OR CAST IRON ESCUTCHEONS WHERE PASSINGS FLOORS, CEILINGS, WALL OR PARTITIONS.

C. SLEEVES: PROVIDE NO. 22 USSG GALVANIZED IRON SLEEVES EXTENDED THROUGH CONSTRUCTION: FLOORS, CEILINGS, WALLS, AND PARTITIONS. FOR INSULATED PIPING, SIZE TO ALLOW INSULATION TO PASS THROUGH SLEEVE. SPACE BETWEEN PIPE AND SLEEVE (OPENING) IN FIRE RATED CONSTRUCTION SHALL NOT EXCEED ONE-HALF INCH, AND SHALL BE COMPLETELY PACKED WITH MINERAL WOOL OR EQUIVALENT NONCOMBUSTIBLE MATERIAL, AND SHALL BE CLOSED OFF BY CLOSE-FITTING METAL ESCUTCHEONS ON BOTH SIDES OF THE CONSTRUCTION

D. STENCILING: ON ALL EXPOSED AND ACCESSIBLE PIPING, 10 FT. ON CENTERS, INDICATING SYSTEM, SIZE AND DIRECTION OF FLOW

E. SUPPORT PIPING AS REQUIRED BY CODE. FOR HORIZONTAL PIPING, "CLEVIS" HANGERS OR TRAPEZE FOR MULTIPLE LINES. PROVIDE METAL PROTECTION SHIELDS ON INSULATED PIPING. HANGERS TO BE INSTALLED OVER INSULATION AND SHIELDS. NO PIPING (INCLUDING PIPING IN PARTITIONS AND CHASES) SHALL BE SUPPORTED BY WIRES, BAND IRON, CHAINS, OR FROM OTHER PIPING, NOR BY VERTICAL EXPANSION BOLTS. SUPPORT PIPING WITH HANGERS AND RODS SUPPORTED FROM APPROVED CONCRETE INSERTS OR WELDED SUPPORTS OF PROPER CONFIGURATION AND LOADING REQUIREMENTS FOR EACH LOCATION. SUPPORT PIPING INSIDE CHASES WITH METAL STRAPS ATTACHED TO STUDS, UNIVERSAL BRACKETS AND CLIPS, SIMILAR TO B-LINE RUFFIN. PROVIDE COPPER PLATED CLIPS FOR COPPER PIPING. SUPPORT MATERIALS: GALVANIZED. SUPPORT PIPING AT DISTANCES AS REQUIRED BY CODE & MSS SP-69 TABLE 3 & 4. TRAPEZE FOR MULTIPLE LINES. PROVIDE GALVANIZED METAL PROTECTION SHIELDS ON INSULATED PIPING. INSTALL HANGERS OVER INSULATION AND SHIELDS. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING HANGER RODS IN REQUIRED LOCATIONS, PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND REVIEWED. PROVIDE ADJUSTABLE BEAM CLAMPS: B-LINE B3040/B3055 PROVIDE SWAY BRACING AS REQUIRED

F. CUTTING: ALL REQUIRED FOR WORK

G. CLEANING: REMOVE FROM PREMISES ALL DEBRIS RESULTING FROM WORK OF THIS SECTION. LEAVE WORK OF THIS SECTION CLEAN AND IN PERFECTED CONDITIONS

H. VALVE TAGS AND CHARTS:

• PROVIDE 2" ROUND BRASS TAG STAMPED WITH DESIGNATING NUMBERS 1" HIGH FILLED IN WITH BLACK ENAMEL TO EACH VALVE EXCEPT THOSE CONTROLLING A SINGLE FIXTURE

• SECURELY FASTEN VALVE TAG TO VALVE SPINDLE OR HANDLE WITH BRASS HOOK OR CHAIN

• PROVIDE FRAMED CHART LISTING OPERATION, LOCATION AND PURPOSE OF VALVES. COORDINATE WITH EXISTING BUILDING VALVE CHART

I. DISSIMILAR METALS: PROVIDE BRASS OR COPPER WATER PIPING CONNECTED TO GALVANIZED PIPE AND FOR ANY OTHER DISSIMILAR METALS WITH DIELECTRIC FITTINGS

J. SHOCK ABSORBERS: PROVIDE WATER HAMMER ARRESTORS ON WATER LINES SERVING QUICK CLOSING VALVES
6. MATERIALS

A. SANITARY DRAINAGE AND VENT ABOVE GROUND:

• PIPE AND FITTINGS: CAST IRON HUBLESS SOIL PIPE, CISPI 301, SERVICE WEIGHT

• JOINTS: 24 GAUGE, 304 STAINLESS STEEL COUPLINGS WITH NEOPRENE GASKETS, RATED FOR 15 PSI AND REQUIRING A MINIMUM OF 100 INCH/LBS OF TORQUE, SIMILAR TO HUSKY

• CAREFULLY NOTE MANUFACTURER'S RECOMMENDATIONS REGARDING ADDITIONAL SUPPORTS REQUIRED FOR NO HUB PIPING INSTALLATIONS, AND INSTALL PIPING IN ACCORDANCE WITH THOSE STANDARDS

o. ALL HUBLESS PIPES SHALL BE ANCHORED AT EACH SIDE OF JOINT AND AT FIVE (5) FOOT INTERVALS

B. SANITARY DRAINAGE AND VENT BELOW GROUND:

• PIPE: EXTRA HEAVY HUB & SPIGOT CAST IRON SOIL PIPE, ASTM A74

• FITTINGS: HUB & SPIGOT CAST IRON, ASTM A74

• JOINTS: ASTM C564-76/CISPI HSN-78 NEOPRENE COMPRESSION GASKETS OR LEAD/OAKUM FSQ0C-Q-40

C. DOMESTIC WATER DISTRIBUTION (COLD, HOT) ABOVE GROUND:

- PIPE: COPPER TUBING TYPE "L" HARD DRAWN, ASTM B88

• FITTINGS: WROUGHT COPPER AND BRONZE SOLDER JOINT PRESSURE FITTINGS: ANSI B.16.22 OR CAST BRONZE SOLDER JOINT PRESSURE FITTING: ANSI B.16.18

• JOINTS: 95-5 TIN-ANTIMONY SOLDER, ASTM B32, GRADE 95TA FOR PRESSURE PIPING

• EXPOSED PIPING AT FIXTURES: CP BRASS
- D. DOMESTIC WATER DISTRIBUTION (COLD, HOT) BELOW GROUND:

• PIPE: COPPER TUBING TYPE "K" ANNEALED, ASTM B88

• FITTINGS: CAST COPPER ALLOY FOR FLARED COPPER TUBE JOINT ANSI B.16.26

• JOINTS: FLARED OR COMPRESSION FOR PRESSURE PIPING

E. FIRE SERVICE BELOW GROUND:

• PIPE: DUCTILE IRON CLASS 50, ANSI/AWWA C150 /A21.50

• JOINTS: MECHANICAL ANSI/AWWA C111/A21.11

7. VALVES

A. SHUT-OFF VALVES:

• PROVIDE SHUT-OFF VALVES WERE INDICATED

B. CHECK VALVES:

• BRONZE SWING TYPE, 200 PSI, SIMILAR TO NIBCO NO T-413; SOLDER JOINT ENDS, SIMILAR TO NIBCO NO. S-413

C. BALL VALVE:

• THREE-PIECE BODY, BRONZE BODY, BALL AND STEM AND LEVER HANDLE, 150 WSP THREADED ENDS, SIMILAR TO NIBCO T-590-Y-BRONZE TRIM. SOLDER JOINTS, SIMILAR TO NIBCO S-595-Y-BRONZE TRIM. PROVIDE STEM EXTENSION FOR INSULATION THICKNESS

D. PLUS LUBRICATED VALVE:

• ROCKWELL-NORSTROM 142 & 143 FOR GAS

E. PROVIDE THERMOSTATIC WATER MIXING VALVE LEONARD TO REDUCE HOT SUPPLY TO 110°F

8. INSULATION

A. FLAME SPREAD: 25 OR LESS, SMOKE DEVELOPED: 50 OR LESS, FUEL CONTRIBUTED: 25 OR LESS

B. FIRE RETARDANT JACKET ON PIPE INSULATION

C. VALVES AND FITTINGS: PRE-MOLDED FIBERGLASS FITTINGS OR RADIAL MITERED SEGMENTS OF PIPE INSULATION, INSULATING CEMENT, FIBERGLASS REINFORCING CLOTH, AND MASTIC, VAPOR SEAL INSULATION ON CW PIPING

D. CW PIPING: 1" THICK FIBERGLASS SECTIONAL PIPE COVERING WITH VAPOR BARRIER JACKET. NO STAPLES PERMITTED

E. HW PIPING: 1" FIBERGLASS SECTIONAL PIPE COVERING, IN ACCORDANCE WITH LOCAL ENERGY CODE

F. FITTINGS: MANVILLE ZESTON 2000 PVC FITTING COVERS WITH FIBER GLASS INSULATION INSERT

G. PROVIDE LARGER DIAMETER INSULATION TO ACCOMMODATE TEMPERATURE MAINTENANCE ELECTRIC HEAT STRIP

H. SWEAT-PROOFING: AS SPECIFIED FOR CW PIPING

I. ALL HORIZONTAL STORM DRAINAGE PIPING: SAME AS FOR COLD WATER

J. PROVIDE SECTION OF NON COMPRESSING INSULATION FULL LENGTH OF SHIELD AT ALL HANGERS

K. PROVIDE METAL OR OTHER WEATHER-RESISTANT JACKETING FOR OUTDOOR INSTALLATION

9. WATER HAMMER ARRESTER

A. PDI CERTIFIED, CONFORMING TO ANSI A112-26-1, 1/2 IN., AMTROL MINI-TROL MODEL NO.500. PROVIDE ON WATER BRANCH TO PLUMBING FIXTURES

10. VACUUM BREAKER:

A. PRESSURE TYPE VACUUM BREAKER, POLISHED CHROME FINISH, FULL SIZE ORIFICE, SIMILAR TO WATTS REGULATOR SERIES 800 MCOT

11. CLEANOUTS

A. PROVIDE CAST BRONZE CLEANOUTS IN ACCORDANCE WITH ANSI A112.36.2 FULL SIZE UP TO 4 IN.

B. IN OR BEHIND WALLS AND PARTITIONS, PROVIDE CAST BRONZE PLUGS WITH SATIN FINISH CP BRASS WALL PLATE J.R. SMITH NO. 4532 (HUB AND SPIGOT), OR NO. 4472 (NO-HUB)

C. FOR PIPING BURIED UNDER FLOOR: EXTEND PIPING AND TERMINATE WITH SQUARE NICKEL BRONZE TOP WITH TERRAZZO IR TILE RECESS, SIMILAR TO J.R. SMITH NO. 4210 AND 4160. IN THE AREAS WITH FINISHED FLOOR PROVIDE CLEANOUTS WITH TILE AND TERRAZZO RECESS AS DIRECTED BY ARCHITECT

12. FLASHING

A. FLOOR DRAINS: PROVIDE 2' X 2' LEAD SHEET CAULKING SET AROUND DRAIN AND INTO FLASHING COLLAR. COORDINATE WITH FLOOR CONSTRUCTION AND FINISH

13. DRIP PAN:

A. 18 GAUGE GALVANIZED SHEET METAL

B. PROVIDE UNDER CEILING-HUNG WATER HEATERS

C. PAN SHALL BE 6" DEEP, REINFORCED, MADE WATERTIGHT AND PROPERLY SUPPORTED

D. EXTEND 1" DRAIN FROM PAN TO CONNECT TO PANTRY SINK TRAP ON THE FIXTURE SIDE

14. PLUMBING FIXTURES

A. FURNISH AND INSTALL ALL PLUMBING FIXTURES SPECIFIED AND INDICATED ON THE PLUMBING AND/OR ARCHITECTURAL DRAWINGS. FOLLOW THE ARCHITECT'S INTERIOR FINISH DRAWINGS AND INSTRUCTIONS FOR EXACT LOCATIONS OF FIXTURES. FINAL SELECTION AND APPROVAL OF ALL PLUMBING FIXTURES SHALL BE BY THE ARCHITECT. SUBMIT CATALOG CUTS TO ARCHITECT FOR APPROVAL

• FURNISH AND INSTALL ALL WATER CLOSET, DRINKING FOUNTAIN, SINK AND LAVATORY FIXTURE SUPPORTS

• FINAL SELECTION AND APPROVAL OF ALL PLUMBING FIXTURES, TRIM FINISH AND COLOR SHALL BE AS INDICATED HEREIN AND OR BY THE ARCHITECT. SUBMIT CATALOG CUTS TO ARCHITECT FOR APPROVAL

• PROVIDE ALL PLUMBING FIXTURES WITH STOP VALVES

• ALL EXPOSED PIPING, FITTINGS, "P" TRAPS, VACUUM BREAKERS AND VALVES TO BE CHROME PLATED

• SET SCREW CP CAST BRASS ESCUTCHEONS FOR IN PIPING AND TUBING

15. WATER HEATERS

A. REFER TO WATER HEATER SCHEDULE

B. PROVIDE EACH HEATER WITH ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE

C. EACH HEATER SHALL BE EQUIPPED WITH THERMOMETER

16. DISINFECTION

A. DISINFECT INTERIOR POTABLE WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH REQUIREMENTS OF LOCAL BUILDING CODE

17. TEST

A. TEST DRAINAGE AND VENT PIPING AS REQUIRED BY CODE AND BASE BUILDING STANDARDS

B. TEST WATER PIPING WITH WATER AT TWICE OPERATING PRESSURE FOR TWO (2) HOURS WITHOUT PRESSURE DROP

C. TEST WATER HEATER'S MAXIMUM TEMPERATURE AS REQUIRED BY CODE

18. PERMITS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, APPROVALS AND INSPECTIONS.
- GENERAL NOTES
1. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL CONDITIONS AND SHALL CALL SAME TO THE ATTENTION OF THE ARCHITECT AND CONSTRUCTION MANAGER IF THEY VARY FROM THE LOCATIONS INDICATED IN THE DRAWINGS. THE DRAWINGS ARE NOT TO BE SCALED. COORDINATE ALL NEW SLEEVE AND DRAINS, CLEANOUTS DECK PLATES AND GREASE

2. TRAPS AND ALL OTHER FLOOR PENETRATIONS WITH GENERAL CONTRACTOR AND WITH THE BUILDING FOR STANDARD PROCEDURES FOR IDENTIFYING STRUCTURAL ELEMENTS AND FOR REINFORCING DETAILS. PROVIDE WATER-PROOF SLEEVES MINIMUM 2" ABOVE SLAB FOR ALL FLOOR PENETRATION. CONNECT NEW SANITARY AND COLD WATER SERVICES TO EXISTING

3. BUILDING SERVICES: FIELD VERIFY EXACT LOCATION OF PIPING FOR EXACT LOCATION OF POINT OF CONNECTION

4. ALL EXISTING PIPING, VALVES, INSULATION ETC. DAMAGED BY NEW WORK SHALL BE REPAIRED AND REPLACED WITHOUT EXTRA CHARGE TO THE OWNER

5. MAKE ANY NECESSARY TEMPORARY CONNECTIONS BETWEEN EXISTING AND NEW WORK TO MAINTAIN CONTINUOUS SERVICE OF THE EXISTING SYSTEMS. NO SHUTDOWNS WILL BE ALLOWED WITHOUT RECEIVING WRITTEN APPROVAL FROM BUILDING OWNER. ALL PLUMBING WORK SHALL BE IN STRICT ACCORDANCE WITH THE RULES AND

6. REGULATIONS GOVERNING PLUMBING AND DRAINAGE WORK; SHALL CONFORM TO ALL OTHER APPLICABLE REGULATIONS AND SHALL MEET REQUIREMENTS OF INSPECTING AUTHORITIES INCLUDING THE LOCAL BUILDING CODE. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS

7. EXACT LOCATION SHALL BE COORDINATED WITH ALL TRADES, ARCHITECTURAL DRAWINGS, GENERAL CONTRACTOR AND PRIME CONTRACTOR

8. ALL EXPOSED PIPING PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PROVIDED WITH APPROPRIATE FIRE RETARDANT SEALANT AND ESCUTCHEONS

9. ALL FIXTURES TO BE SEALED WHERE FIXTURE COMES IN CONTACT WITH WALLS OR FLOOR . WITH CLEAR SEALANT.

10. COORDINATE ALL WORK WITH ALL OTHER CONTRACTORS PERTAINING TO THE LOCATION OF PLUMBING AND DRAINAGE PIPING HVAC WORK, LIGHTING FIXTURES, AND ELECTRICAL, PROVIDE ALL NECESSARY PIPING OFFSETS AND CHANGES IN DIRECTION TO ACCOMPLISH A COMPLETE INSTALLATION

11. SUBMISSION OF A PROPOSAL SHALL BE EVIDENCE THAT A CAREFUL EXAMINATION OF THE SITE, DRAWINGS & SPECIFICATIONS HAS BEEN MADE AND THE CONTRACTOR IS FAMILIAR WITH THOSE ITEMS AND AREAS THAT WILL PRESENT DIFFICULTY TO THE PERFORMANCE OF THIS CONTRACT. LATER CLAIMS SHALL NOT BE MADE FOR LABOR, EQUIPMENT, ETC NECESSARY TO COMPLETE ALL WORK AS A RESULT OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN

A. CONTRACTOR TO VERIFY THE EXISTING CONDITIONS BEFORE CONSTRUCTION CONFIRM SIZES A. AND LOCATIONS OF ALL EXISTING PIPING PRIOR TO START OF WORK

B. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THIS SITE BEFORE PROCEEDING WITH ANY WORK

C. PRIOR TO STARTING CONSTRUCTION. DETERMINE EXACT INVERT ELEVATION, SIZE, DEPTH AND LOCATION OF EXISTING CONDITIONS

12. SANITARY DRAINAGE SHALL HAVE A UNIFORM GRADE OF 1/4" PER FOOT, FOR 2 1/2" AND SMALLER AND AN 1/8" PER FOOT FOR 3" OR LARGER, U.O.N

13. PROVIDE CLEANOUTS , CLEANOUTS SHALL BE SAME SIZE AS THE PIPES THEY SERVE UP TO 4 INCHES, AND NOT LESS THAN 4 INCHES FOR LARGER PIPING

14. PROVIDE CLEANOUTS FOR CHANGES IN DIRECTION FOR ALL SANITARY PIPING

15. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH RESPECT TO OTHER TRADES, EXISTING STRUCTURE AND CEILING HEIGHTS. CONTRACTOR SHALL COORDINATE ALL WORK WITH ARCHITECTURAL LAYOUTS, INCLUDING CEILING HEIGHTS

16. REMOVE ALL EXISTING UNUSED PIPES TO RISERS AND CAP SAME

17. PROVIDE ACCESS TO ALL SHUT-OFF VALVES TO FIXTURES.

18. CHECK VALVES/BACKFLOW PREVENTERS MUST BE INSTALLED ON EVERY SINGLE LEVER FAUCET, WASHING MACHINE, DISHWASHER AND SINGLE LEVER SHOWER BODY. ALL BATHROOM/UTILITY SINKS AND TUBS SHALL HAVE OVERFLOW DRAINS BUILT IN. ALL WASHING MACHINES, BIDETS AND AUTOMATIC EXTERIOR SPRINKLER SYSTEM ON THE TERRACES/BALCONIES (IF APPLICABLE) MUST HAVE BACK FLOW PREVENTERS INSTALLED ON THE SUPPLY LINES.

19. ALL EXPOSED AND NEW FEED PIPING MUST BE INSULATED, THIS INCLUDES BUT IS NOT LIMITED TO ALL HOT, COLD, HEATING AND COOLING PLUMBING FEED LINES, WETHER BELONGING TO THIS APARTMENT OR NOT. ALL PIPE INSULATION MUST BE INSPECTED BY THE RESIDENT MANAGER PRIOR TO CLOSURE.

20. FIRE RATED ACCESS DOORS MUST BE INSTALLED AT ALL CLEAN OUTS, VALVES AND EXPANSION JOINT LOCATIONS ON ALL SUBJECT RISERS. THE ACCESS DOOR MUST BE CODE COMPLIANT AND BE LOCATED. ANY INTERIOR FINISH, CABINETERY, ENCLOSURES AND ACCESS MUST BE DESIGNED AND INSTALLED FOR IMMEDIATE ACCESS TO ALL HEATING, PLUMBING, GAS, ELECTRICAL AND TELEPHONE PANELS, EXPANSION JOINTS, CLEANOUTS AND VALVES ARE ALLOCATED FOR.

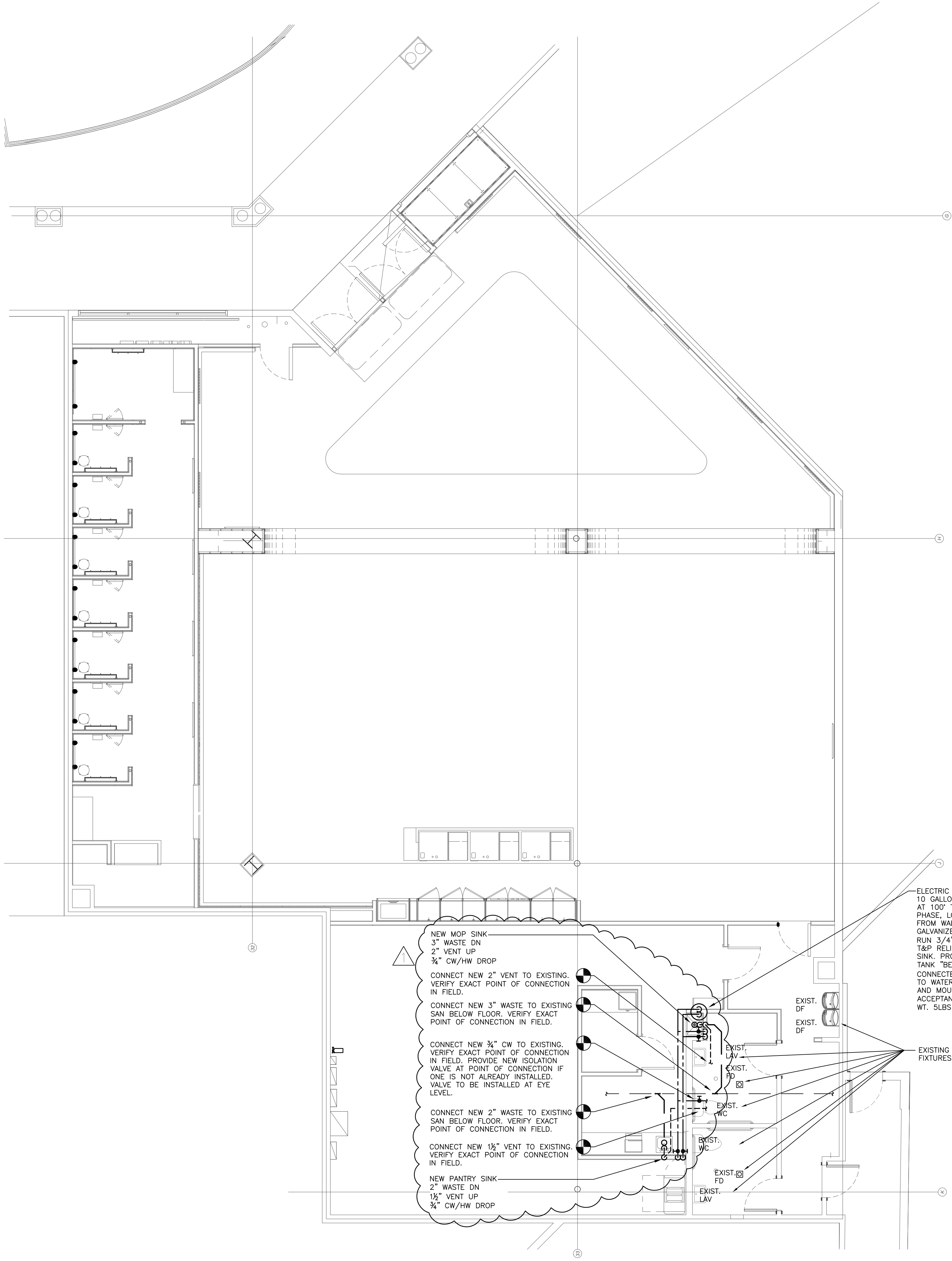
21. THE WASHING MACHINE FEED LINES MUST BE STAINLESS STEEL REINFORCED HIGH PRESSURE HOSES AND MUST HAVE BACK FLOW PREVENTERS ON THE FEED LINES.

22. THE WASHING MACHINE/DRYER MUST BE INSTALLED IN WATER PROOF PANS OR CURBS. THE CURBS AND PANS MUST HAVE AT LEAST FOUR INCH RETURNS. THE PAN OR CURB MUST BE INSTALLED WITH AN AUTOMATIC EMERGENCY SHUTT-OFF SENSOR CONNECTED TO AUTOMATIC FEED LINE SHUTT-OFF VALVES. THE SENSORS AND VALVES MUST BE TESTED WITH THE BUILDING SUPERINTENDENT.

23. IF ANY FIRE RATED WALLS ARE OPENED UP FOR ANY PART, THEY MUST BE RECONSTRUCTED BASED ON LOCAL CODE REQUIREMENTS AND OPENINGS MUST BE CLOSED WITH A FIRE PROOF PATCHING COMPOUND OR THE EFFECTED WALL SIDE SHALL BE REBUILT WITH WITH TWO LAYERS OF TYPE X FIRE RATED ½" SHEET ROCK. SHEET ROCKS CONTACT WITH THE FLOOR OR CEILING SHALL BE SEALED WITH A FIRE RATED SEALANT.

24. ALL SHOWERS MUST HAVE A PAN MADE OF LEAD AND RETURN 12" UP THE WALLS AS WELL AS UP AND TOP OF THE CURB. THE FLOOR WATERPROOFING MUST GO UP AND OVER THE CURB, ACROSS THE SHOWER PAN AND RETURN FULL CEILING HEIGHT AT ALL WALLS. THE WATERPROOFING MUST BE SHOWN TO THE RESIDENT MANAGER PRIOR TO CLOSURE. THE SHOWER PAN MUST BE TESTED FOR 24 HOURS PRIOR TO CLOSURE, INSPECTED BY RESIDENT MANAGER.

25. THE FOLLOWING INSPECTION MUST BE PROVIDED FOR (BUT NOT LIMITED) AND SCHEDULED THROUGH THE RESIDENT MANAGER. AFTER DEMOLITION COMPLETION, PLUMBING, INSULATION, WATERPROOFING, SHOWER PAN, WASHER/DRYER INSTALLATION AND FINAL INSPECTION.
- DATE: 02/03/25
- JOB NO: 25114
- DRAWN: -
- CHECKED: -
-
- 711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699
- MANGO AT CORTE MADERA
THE VILLAGE AT CORTE MADERA CENTER
1618 REDWOOD HIGHWAY, SPACE #D039
CORTE MADERA/CA/94925
-
- IVO SKIBOLA, PE
- REVISIONS
- 02.03.25 - LL ISSUE
04.03.25 - LL COMMENT RESPONSE
04.04.25 - PERMIT SET
04.09.25 - BID ISSUE
05.30.25 - DOB COMMENT RESPONSE
- DEPARTMENT OF BUILDING USE
- PLUMBING
SPECIFICATIONS
- SHEET NUMBER
- P-101
- Rosini Engineering, PC
24-02 40th Avenue
Long Island City, NY 11101
T:(212)904-0422 F:(212)575-0718



DATE: 02/03/25

JOB NO: 25114

DRAWN: —

CHECKED: —



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MANGO AT CORTE MADERA
THE VILLAGE AT CORTE MADERA CENTER
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IVO SKIBOLA, PE

REVISIONS

02.03.25 — LL ISSUE
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04.09.25 — BID ISSUE
05.30.25 — DOB COMMENT RESPONSE

DEPARTMENT OF BUILDING USE

PLUMBING
PLAN

SHEET NUMBER

P-200

Rosini Engineering, PC
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1

PLUMBING PLAN

Scale: 3/16" = 1'-0"

STATE OF CALIFORNIA

Domestic Water Heating System

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-PLB-E

This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations.

Project Name: Mango Corte Madera Plumbing

Report Page: (Page 1 of 7)

Project Address: 1618 REDWOOD HIGHWAY, SPACE #D039, CORTE MADERA, CA, 94925

Date Prepared: 2025-04-03T22:31:30-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Corte Madera	02	Climate Zone	3
03	Occupancy Types Within Project (select all that apply):				
• Retail					

B. PROJECT SCOPE

This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140.5/ 170.2(d) and 141.0(a)/ 180.1, or 141.0(b)2N / 180.2 for addiions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.

01	02	03
My project consists of (check all that apply):	System Type ^{1,2}	System Components
☒ New system (DHW system being installed for the first time)	Individual System (serving nonresidential spaces)	☒ Equipment ☒ Distribution ☒ Controls
☐ System Alteration (equipment, distribution or controls)		☐ Equipment ☐ Distribution ☐ Controls

¹ FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.
² Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy.
³ DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. or the table indicated as not compliant for guidance.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	Compliance Results
Table F	Table G	Table H	
Yes	Yes	Yes	
			COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

Compliance ID: 286250-0425-0002

Schema Version: rev 20220101

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STATE OF CALIFORNIA

Domestic Water Heating System

CALIFORNIA ENERGY COMMISSION

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Project Name: Mango Corte Madera Plumbing

Report Page: (Page 2 of 7)

Date Prepared: 2025-04-03T22:31:30-04:00

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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CALIFORNIA ENERGY COMMISSION

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Project Name: Mango Corte Madera Plumbing

Report Page: (Page 3 of 7)

Date Prepared: 2025-04-03T22:31:30-04:00

F. DOMESTIC HOT WATER EQUIPMENT

This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(d) must also be demonstrated and with 141.0 / 180.1/ 180.2 for addition and alteration scopes.

Equipment Schedule: Water Heating Efficiency and Standby Loss

03	04		05		06			
System Name	AO Smith DEL 10 - Refer to P-200	Exception to 140.5(c)/ 170.2(d)3	Exceptions Do Not Apply	☐	Gas Service Water Heating System >= 1MMBtu/h ¹	Capacity-weighted Average Efficiency %		
07	08	09	10	11	12	13	14	15
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Max GPM/ First Hour Rating (FHR)	Rated Efficiency	Minimum Efficiency Required	Efficiency Unit	Designed Standby Loss
AO Smith DEL 10 - Refer to P-200	Commercial Electric Storage Water Heater	10						3
Maximum Standby Loss								
3								

¹ FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas water heaters with input capacity > 100,000 Btu/h may meet 90% Et requirements via an input capacity-weighted average.
² FOOTNOTE: Compliant equipment may be found in the Modernized Appliance Efficiency Database System (MAEDBS) on the Energy Commission website: <https://cacertappliances.energy.ca.gov/Pages/Search/AdvancedSearch.aspx>

Water Heating Equipment All Occupancies

	Yes	No	Not Applicable	Requirement
18	☐	☐	☒	Unfired storage tank insulation shall have Internal + External >=R-16 OR External >=R-3.5. Label required per 110.3(c)3
19	☐	☐	☒	New state buildings 60% of energy for service water heating from site solar energy or recovered energy per 110.3(c)5
20	☒	☐	☐	Isolation valves for instantaneous water heater with input rating >6.8 kBtu/h or 2 kW has been specified per 110.3(c)6
21	☐	☐	☒	School buildings < 25,000 ft² and < 4 stories must install a heat pump water heating system per 140.5(a)1. Water heating systems serving an individual bathroom space may be an instantaneous electric water heater.

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Project Name: Mango Corte Madera Plumbing

Report Page: (Page 4 of 7)

Date Prepared: 2025-04-03T22:31:30-04:00

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).

Mandatory Pipe Insulation All Occupancies

13	☐	For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see blow) except: - Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall abut securely against all framing members - Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Insulation Installation (QII) as specified in the Reference Residential Appendix RA3.5. - Piping surrounded with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to have pipe insulation.
14	☐	For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3: - Recirculating system piping, including supply and return piping of the water heater - The first 8 ft of hot and cold outlet piping, including between storage tank and heat trap, for a nonrecirculating storage system - Pipes that are externally heated
15	☒	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per 120.3(b) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve.

TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu-in per hour per ft² per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)			
			< 1	1 to < 1.5	1.5 to < 4	1.5 to < 4 Multifamily & Hotel/Motel
			Minimum Insulation Required			
105-140	0.22 - 0.28	100	1.0 in or R-7.7	1.5 in or R-12.5	1.5 in or R-11	2.0 in or R-16

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1618 REDWOOD HIGHWAY, SPACE #D039
CORTE MADERA/CA/94925



IVO SKIBOLA, PE

- REVISIONS
- | | | | |
|----------|---|--------|------------------|
| 02.03.25 | – | LL | ISSUE |
| 04.03.25 | – | LL | COMMENT RESPONSE |
| 04.04.25 | – | PERMIT | SET |
| 04.09.25 | – | BID | ISSUE |
| 05.30.25 | – | DOB | COMMENT RESPONSE |

PLUMBING
TITLE 24

SHEET NUMBER

P-301

STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

Domestic Water Heating System

CERTIFICATE OF COMPLIANCE

NRCC-PLB-E

Project Name: Mango Corte Madera Plumbing

Report Page: (Page 5 of 7)

Date Prepared: 2025-04-03T22:31:30-04:00

H. DOMESTIC HOT WATER CONTROLS

This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).

	Yes	No	Not Applicable	Requirement
01	☒	☐	☐	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a).
02	☐	☐	☒	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0.
03	☐	☐	☒	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(c)2 unless systems serves healthcare facility.
04	☐	☐	☒	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions.
05	☐	☐	☒	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2(d).
06	☐	☐	☒	Combustion air positive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows: - Boilers with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static pressure - Boilers where one stack serves two or more boilers with a total combined input capacity per stack of 2.5 MMBtu/h.
07	☐	☐	☒	Boiler combustion air fans with motor >= 10 hp shall meet one of the following - The fan motor shall be driven by a variable speed drive OR - The fan motor shall include controls that limit the fan motor demand to <=30% of the total design wattage at 50% of the design air volume.
08	☐	☐	☒	Newly installed boilers with an input capacity (d.gte/) 5MMBtu/h and a steady state full-load combustion efficiency < 90% shall maintain excess (stack-gas) oxygen concentrations <= 5% by volume on a dry basis over firing rates of 20-100%. Combustion air volume shall be controlled with respect to firing rate or flue gas oxygen concentration. Use of a common gas and combustion air control linkage or jack shaft is prohibited.

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STATE OF CALIFORNIA

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NRCC-PLB-E

Project Name: Mango Corte Madera Plumbing

Report Page: (Page 6 of 7)

Date Prepared: 2025-04-03T22:31:30-04:00

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E.

Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title

NRCC-PLB-E - Must be submitted for all buildings

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no forms required for this project.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

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STATE OF CALIFORNIA

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CERTIFICATE OF COMPLIANCE

NRCC-PLB-E

Project Name: Mango Corte Madera Plumbing

Report Page: (Page 7 of 7)

Project Address: 1618 REDWOOD HIGHWAY, SPACE #D039, CORTE MADERA, CA, 94925

Date Prepared: 2025-04-03T22:31:30-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Patrick Shanley

Documentation Author Signature: Patrick Shanley

Company: ROSINI ENGINEERING

Signature Date: 2025-04-04

Address: 24-02 40TH AVENUE

CEA/HERS Certification Identification (if applicable):

City/State/Zip: LIC, NY 11101

Phone: (212) 904-0422

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: IVO SKIBOLA

Responsible Designer Signature: IVO SKIBOLA

Company: ROSINI ENGINEERING

Date Signed: 2025-04-04

Address: 24-02 40TH AVENUE

License: M36904

City/State/Zip: LIC, NY 11101

Phone: (212) 904-0422

Generated Date/Time: Documentation Software: Energy Code Ace

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DEPARTMENT OF BUILDING USE

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