

Explanation of Checklist Judgments

The following are brief explanations of all answers in the Environmental Checklist Form for the proposed project, which, as described above under Project Description, consists of an amendment to the California Plumbing Code authorizing local building officials to approve use of CPVC pipe as an alternate building material under limited circumstances and subject to specified conditions and mitigation measures. For the majority of the "No Impact" responses to the Environmental Checklist, the Lead Agency has determined that the potential effects are not applicable to this project. For the balance of the "No Impact" responses the Lead agency has determined that due to the limited scope of the project and/or mitigation measures that have been incorporated into the proposed project, environmental effects will result in "No Impact." For the remainder of the responses, the Lead Agency has determined that the proposed project will result in less than significant impacts.

The determinations made for this Environmental Checklist are based on the information in the record for this project as well as information in the record of previous HCD examinations of CPVC for use in residential buildings. The determinations made for this Environmental Checklist are based on the limited scope of the proposed Project and/or the specific worker safety requirements, flushing requirements, and other conditions and mitigation measures incorporated as part of the local permit approval process, a requirement contained in the settlement agreement that the Lead Agency inform local building officials of the specific mitigation measures required for CPVC approvals, and the on-going, periodic monitoring of the implementation of such mitigation measures by the Lead Agency.

I. AESTHETICS.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in

residential buildings and will not result in impacts to scenic vistas.

- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in damage to scenic vistas.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not degrade existing visual character or qualities of any site or it's surroundings.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in light or glare that would affect day or nighttime views.

II. AGRICULTURE RESOURCES.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in the conversion of any farmland.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in any conflict with existing agricultural use zoning or a Williamson Act contract.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in environmental changes causing conversion of Farmland to non-agricultural use.

III. AIR QUALITY.

a. **Less than Significant:** CPVC pipe and fittings are joined using primers and cements that contain volatile organic compounds ("VOC"), principally tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The primers and cements used for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. The VOCs from the primers and cements are considered ozone precursors, and form ozone through complex photochemical reactions in the atmosphere with oxides of nitrogen ("NOx"). California and federal air quality regulations limit ozone concentrations in the atmosphere. The proposed Project would authorize local building officials to permit the use of CPVC water supply pipe in residential building upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. As discussed above under Project Description, the Lead Agency anticipates that the CPVC installations that will result from this Project approval would be limited in scope because it will only be used in those jurisdictions where the local building official determines that there is or will be the premature failure of metallic pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC pipe for use in residential buildings, the Lead Agency has determined that this project will be consistent with the local Air Quality Management Plans for primers and cements used in the installation of plastic pipe and there will be no conflict with or obstruction in the implementation of any local air quality plan. This determination is based on the limited number of anticipated residential installations of CPVC that may be approved as a result of the proposed Project, the temporary nature of the VOC emissions and the VOC emission levels estimated in the analyses contained in the record before the Lead Agency.

b. **Less than Significant:** CPVC pipe and fittings are joined using primers and cements that contain volatile organic compounds ("VOC"), principally tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The primers and cements used for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. The VOCs from the primers and cements are considered ozone precursors, and form ozone through complex photochemical reactions in the atmosphere with oxides of nitrogen ("NOx"). California and federal air quality regulations limit ozone concentrations in the atmosphere. The proposed Project would authorize local building officials to permit the use of CPVC water supply pipe in residential building upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. As discussed above under Project Description, the Lead Agency anticipates that the CPVC installations that will result from this Project approval would be limited in scope because it will only be used in those jurisdictions where the local building official determines that there is or will be the premature failure of metallic pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC pipe for use in residential buildings, the Lead Agency has determined that this project will be consistent with the local Air Quality Management Plans for primers and cements used in the installation of plastic pipe and will not result in any air quality standard violation for ozone or contribute substantially to an existing or projected air quality standard for ozone. This determination is based on the limited number of anticipated residential installations of CPVC that may be approved as a result of the proposed Project, the temporary nature of the VOC emissions and the VOC emission levels estimated in the analyses contained in the record before the Lead Agency.

c. **Less than Significant:** CPVC pipe and fittings are joined using primers and cements that contain volatile organic compounds ("VOC"), principally tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The primers and cements used for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. The VOCs from the primers and cements are considered ozone precursors, and form ozone through complex photochemical reactions in the atmosphere with oxides of nitrogen ("NOx"). California and federal air quality regulations limit ozone concentrations in the atmosphere. The proposed Project would authorize local building officials to permit the use of CPVC water supply pipe in residential building upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. As discussed above under Project Description, the Lead Agency anticipates that the CPVC installations that will result from this Project approval would be limited in scope because it will only be used in those jurisdictions where the local building official determines that there is or will be the premature failure of metallic pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC pipe for use in residential buildings, the Lead Agency has determined that this project will be consistent with the local Air Quality Management Plans for primers and cements used in the installation of plastic pipe and will not result in a cumulatively considerable net increase of any criteria pollutant for which a project region may be nonattainment under an applicable federal or state ambient air quality standard. This determination is based on the limited number of anticipated residential installations of CPVC that may be approved as a result of the proposed Project, the temporary nature of the VOC emissions and the VOC emission levels estimated in the analyses contained in the record before the Lead Agency.

d. **No impact:** CPVC pipe and fittings are joined using primers and cements that contain volatile organic compounds ("VOC"), principally tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The primers and cements used for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. The proposed Project would authorize local building officials to permit the use of CPVC water supply pipe in residential buildings upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. As discussed above under Project Description, the Lead Agency anticipates that the CPVC installations that will result from this Project approval would be limited in scope because it will only be used in those jurisdictions where the local building official determines that there is or will be the premature failure of metallic pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC pipe for use in residential buildings, the Lead Agency has determined that this project will be consistent with the local Air Quality Management Plans for primers and cements used in the installation of plastic pipe and will not result in exposure of sensitive receptors to substantial pollutant concentrations. This determination is based on the limited number of anticipated residential installations of CPVC that may be approved as a result of the proposed Project, the temporary nature of the VOC emissions and the VOC emission levels estimated in the analyses contained in the record before the Lead Agency.

e. **Less than significant impact:** CPVC pipe and fittings are joined using primers and cements that contain volatile organic compounds ("VOC"), principally tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The primers and cements used for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. The proposed Project would authorize local building

officials to permit the use of CPVC water supply pipe in residential building upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. As discussed above under Project Description, the Lead Agency anticipates that the CPVC installations that will result from this Project approval would be limited in scope because it will only be used in those jurisdictions where the local building official determines that there is or will be the premature failure of metallic pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC pipe for use in residential buildings, the Lead Agency has determined that this project will be consistent with the local Air Quality Management Plans for primers and cements used in the installation of plastic pipe and will not create objectionable odors affecting a substantial number of people. This determination is based on the limited number of anticipated residential installations of CPVC that may be approved as a result of the proposed Project, the temporary nature of the VOC emissions and the VOC emission levels estimated in the analyses contained in the record before the Lead Agency.

IV. BIOLOGICAL RESOURCES.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in impacts to any endangered, threatened, or rare species or their habitats identified in any local or regional plans, policies, or regulations, or by the California Department of Fish and Game or the U.S. Fish and Wildlife Service.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in

impacts on any riparian habitat or other sensitive natural community identified in any local or regional plans, policies, or regulations, or by the California Department of Fish and Game or the U.S. Fish and Wildlife Service.

- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in impacts on federally protected wetlands as defined by Section 404 of the Clean Water Act.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in impacts on wildlife dispersal or migration corridors or impede the use of native wildlife nursery sites.
- e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in conflicts with any local policies or ordinances protecting biological resources.
- f. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in conflicts with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other local, regional, or state habitat conservation plan.

V. CULTURAL RESOURCES.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not impact historical resources.

- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not disturb archaeological resources.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in disturbance of paleontological resources or unique geologic features.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in disturbances on any human remains.

VI. GEOLOGY AND SOILS.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exposing people or structures to any effects including the risk of loss, injury, or death involving:
 - i. Rupture of a known earthquake faults.
 - ii. Strong seismic ground shaking.
 - iii. Seismic-related ground failure, including liquefaction.
 - iv. Landslides.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in any erosion or loss of topsoil.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in, or

expose people to unstable soil or geologic conditions.

- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in, or expose people to expansive soils.
- e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in, or expose people to soil conditions incapable of supporting any structures.

VII HAZARDS AND HAZARDOUS MATERIALS

- a. **No impact:** The proposed Project would authorize local building officials to approve installation and use of CPVC water supply pipe in residential structures under limited circumstances and subject to specified conditions and mitigation measures, including the measures designed to educate those persons most likely to be handling, transporting, installing, and disposing of CPVC plumbing materials about the health and safety hazards associated with CPVC plumbing materials and installations. CPVC pipe and fittings are joined during installation using primers and cements that contain certain solvent chemicals, including tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The use of the primers and cements for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. The primers and cements are routinely transported and used at the installation site and any waste being generated is disposed pursuant to local regulations. The water carried by CPVC pipe can contain trace contaminants from the CPVC plastic itself, as well as solvent chemical leachate from the primers and cements used to join the pipe and fittings. Drinking water consumers would be exposed to any contaminants leaching into the

drinking water carried by the pipe. In addition, workers would be exposed to the solvent chemicals contained in the CPVC primers and cements through inhalation and dermal absorption during the installation process. As discussed under Project Description, the proposed Project incorporates a specific set of detailed consumer and worker safety mitigation measures that have been developed to minimize chemical exposure to the installers and to the drinking water of the consumers. In addition, upon adoption of the proposed regulations, the Lead Agency will send information to the local building officials informing them of the specific mitigation measures required for any local approval of CPVC use. The Lead Agency will also periodically monitor the local implementation of the required consumer and worker safety mitigation measures. Based on the information in the record for this project as well as information in the record of previous HCD examinations of CPVC for use in residential buildings, the Lead Agency has determined that any uses of CPVC that would be authorized as a result of the proposed project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.

- b. **Less Than Significant:** The proposed Project would authorize local building officials to approve installation and use of CPVC water supply pipe in residential structures under limited circumstances and subject to specified conditions and mitigation measures. CPVC pipe and fittings are joined during installation using primers and cements that contain certain solvent chemicals, including tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The use of the primers and cements for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC for use in residential buildings, the Lead Agency has determined that any uses of CPVC that would be authorized as a

result of the proposed project will result in less than significant risk of a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

- c. **Less Than Significant:** The proposed Project would authorize local building officials to approve installation and use of CPVC water supply pipe in residential structures under limited circumstances and subject to specified conditions and mitigation measures. CPVC pipe and fittings are joined during installation using primers and cements that contain certain solvent chemicals, including tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The use of the primers and cements for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC for use in residential buildings, the Lead Agency has determined that any uses of CPVC that would be authorized as a result of the proposed project will result in less than significant impacts on emissions of hazardous emissions or handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not impact a site, which is included on a list of hazardous materials sites nor result a hazard to the public or the environment.
- e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in a safety hazard for people residing or working within an airport land use plan or within two miles of a public airport or public use airport.

- f. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in a safety hazard for people residing or working within the vicinity of a private airstrip.
- g. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not interfere with an emergency response plan or emergency evacuation plan.
- h. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not expose people or structures to a risk of loss, injury or death involving wildland fires.

VIII. HYDROLOGY AND WATER QUALITY.

a. **Less Than Significant With Mitigation**

Incorporation: The proposed Project would authorize local building officials to approve installation and use of CPVC water supply pipe in residential structures under limited circumstances and subject to specified conditions and mitigation measures. The use of the primers and cements for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. CPVC pipe is manufactured from CPVC resins using heat and pressure. CPVC used for potable water pipe and fittings has certain stabilizers added to protect it from degradation during forming and use. The CPVC manufacturing formulas currently employed use tin-containing organic compounds as stabilizers. CPVC also contains other additives, including pigments and lubricants to facilitate forming of the pipe and fittings. In addition, CPVC pipe and fittings are joined during installation using primers and cements that contain certain solvent chemicals,

including tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The water carried by CPVC pipe can contain trace contaminants from the CPVC plastic itself, as well as solvent chemical leachate from the primers and cements used to join the pipe and fittings. Drinking water consumers would be exposed to any contaminants leaching into the drinking water carried by the pipe. As discussed under Project Description, the proposed project incorporates a specific mitigation measure to flush the water distribution system of any contaminants prior to the domestic use. In addition, upon adoption of the proposed regulations, the Lead Agency will send information to the local building officials informing them of the specific mitigation measures required for any local approval of CPVC use. The Lead Agency will also periodically monitor the local implementation of the required flushing requirements. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC for use in residential buildings, the Lead Agency has determined that any uses of CPVC that would be authorized as a result of the proposed project would not violate any water quality standards or waste discharge requirements.

- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in changes in the amount of groundwater supplies.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in changes in any existing drainage patterns resulting in erosion or siltation on-site or off-site.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in

changes in any existing drainage patterns resulting in flooding on-site or off-site.

e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in any existing or planned stormwater drainage system.

f. **Less Than Significant With Mitigation**

Incorporation: The proposed Project would authorize local building officials to approve installation and use of CPVC water supply pipe in residential structures under limited circumstances and subject to specified conditions and mitigation measures. The use of the primers and cements for the installation of plastic pipe are currently allowed in California for PVC, non-residential use of CPVC and ABS pipe. CPVC pipe is manufactured from CPVC resins using heat and pressure. CPVC used for potable water pipe and fittings has certain stabilizers added to protect it from degradation during forming and use. The CPVC manufacturing formulas currently employed use tin-containing organic compounds as stabilizers. CPVC also contains other additives, including pigments and lubricants to facilitate forming of the pipe and fittings. In addition, CPVC pipe and fittings are joined during installation using primers and cements that contain certain solvent chemicals, including tetrahydrofuran, methyl ethyl ketone, and cyclohexanone. The water carried by CPVC pipe can contain trace contaminants from the CPVC plastic itself, as well as solvent chemical leachate from the primers and cements used to join the pipe and fittings. Drinking water consumers would be exposed to any contaminants leaching into the drinking water carried by the pipe. As discussed under Project Description, the proposed project incorporates a specific mitigation measure to flush the water distribution system of any contaminants prior to the domestic use. In addition, upon adoption of the proposed regulations, the Lead Agency will send information to the local building officials informing them of the specific mitigation

measures required for any local approval of CPVC use. The Lead Agency will also periodically monitor the local implementation of the required flushing requirements. Based on the information in the record of this project as well as information in the record of previous HCD examinations of CPVC for use in residential buildings, the Lead Agency has determined that any uses of CPVC that would be authorized as a result of the proposed project would not otherwise substantially degrade water quality.

- g. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in placing housing within a 100-year flood hazard area.
- h. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in placing structures within a 100-year flood hazard area.
- i. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exposing people or structures involving flooding.
- j. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in inundation by seiche, tsunami, or mudflows.

IX. LAND USE AND PLANNING.

- a. **No Impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not disrupt or

divide the physical arrangement of an existing community.

- b. **No Impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not have conflicts with any applicable land use plan, policy, or regulation.
- c. **No Impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not conflict with any applicable habitat conservation plan or natural community conservation plan.

X. MINERAL RESOURCES.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in the loss of availability of a known mineral resource that would be of future value to the residents of the State.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in loss of availability of a locally-important mineral resources recovery site delineated on a local general plan, specific plan, or other land use plan.

XI NOISE.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exposure of people to severe noise levels.

- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exposure of people to excessive groundborne vibration or groundborne noise levels.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in an increase in ambient noise levels above existing levels.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in temporary or periodic increase in ambient noise levels above existing levels.
- e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exposure of people to excessive noise levels within an airport land use plan or within two miles of a public airport or public use airport.
- f. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exposure of people to excessive noise within the vicinity of a private airstrip.

XII. POPULATION AND HOUSING.

- a. **No Impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not induce population growth.

- b. **No Impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not displace any existing housing.
- c. **No Impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not displace any people.

XIII. PUBLIC SERVICES.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in physical impacts associated with the provisions of new or physically altered governmental facilities for any of the following public services:
 - Fire Protection
 - Police Protection
 - Schools
 - Parks
 - Other public facilities.

XIV. RECREATION.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in any increased use of existing neighborhood or regional parks or other recreational facilities.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and does not include recreational facilities.

XV. TRANSPORTATION AND CIRCULATION.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in increased vehicle trips or traffic congestion.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in causing the level of service standard established by the local government to be exceeded.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in changes to air traffic patterns.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in increasing road hazards.
- e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in inadequate emergency access.
- f. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in inadequate parking capacity.
- g. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in conflict with adopted policies, plans, or programs supporting alternative transportation.

XVI. UTILITIES AND SERVICE SYSTEMS.

- a. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in exceeding wastewater treatment requirements of the applicable Regional Water Quality Control Board.
- b. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in a need for new construction or expansion of existing water and wastewater treatment facilities.
- c. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in a need for new construction or expansion of existing storm water drainage facilities.
- d. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not result in impact on existing water supply entitlements and resources.
- e. **No impact:** This issue is not applicable to the proposed Project. The proposed Project relates to the use of an alternate building material in residential buildings and will not impact wastewater treatment providers.
- f. **No impact:** The proposed Project would authorize local building officials to authorize use of CPVC water supply pipe upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. As discussed above under Project Description, the Lead Agency anticipates that the number of CPVC installations that will

result from this Project approval will be limited. Based on the information in the record of this proceeding and previous HCD examinations of CPVC pipe for residential installations of CPVC and the widely scattered distribution expected for those uses, there will be sufficient landfill capacity to accommodate the project's solid waste disposal needs.

- g. **No impact:** The proposed Project would authorize local building officials to authorize use of CPVC water supply pipe upon a finding that metallic pipe has failed or would fail if installed due to existing soil or water conditions. In addition, CPVC water supply pipe is already approved for non-residential use in California. Therefore, approval of the Project will not introduce any new or different materials into the solid waste stream or require new or different solid waste disposal practices. Finally, as discussed above under Project Description, the Lead Agency anticipates that the number of CPVC installations that will result from this Project approval will be limited. Therefore, the Lead Agency had determined that the increase in the amount of CPVC in the solid waste stream will be less than significant. Based on the information in the record of this proceeding and previous HCD examinations of CPVC pipe for residential use, the Lead Agency has determined that the project will comply with federal, state and local statutes and regulations related to solid waste.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

- a. **No impact:** This issue is not applicable to this project. This project is for consideration of an alternative building material (CPVC pipe) and will not have the potential to degrade quality of the environment, substantially reduce the habitat of a fish or wildlife species cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or eliminate

important examples of major periods of California history or prehistory.

- b. **Less than significant impact with and without mitigation measures:** The Lead Agency has determined that the impacts on air quality created by the project's potential for contributing to photochemical smog are less than significant and not cumulatively considerable. The Lead Agency has further determined that the impacts on worker health and safety relating to the nature of the materials and processes used to install CPVC, and the impacts on water quality created by the project's potential for producing leachates into consumer drinking water are less than significant if mitigation measures identified in the proposed project are required. (See above, III(a) and (b), and VIII(a) and (f).)
- c. **Less than significant impact with mitigation measures:** The Lead Agency has determined that the impacts on worker health and safety relating to the nature of the materials and processes used to create and install CPVC, and the impacts on water quality created by the Project's potential for producing leachates into consumer drinking water are less than significant if the specified mitigations measures are required.