

Table 1.0
2016 MITIGATION MONITORING PROGRAM
2015 Facility Master Plan and Physical Education Projects Final SEIR SCH 2002041161 – Appendix L1
CEQA Guidelines Section 15097
May 6, 2016

Notes: Includes all mitigation measures in 2012 FMP w/revisions and additions for 2015 FMPU

Titles revised to conform to revised CEQA Checklist, OPR, August 2016

All prior indices for mitigation measures have been changed

Mitigation Measures	Monitoring Action	Department Responsible
1. Aesthetics		
AES-01. All athletic field lighting (excluding the PEP: Phase 1, 2)) must employ automatic shutoff devices to ensure that facilities are not illuminated unless desired. Lighting levels and design shall comply with the recommendations of the Illuminating Engineers Society Standards of North America (IESN) <i>Recommended Practice for Sports and Recreational Area Lighting</i> (IESNA RP-6-01), Facilities Planning & Management shall monitor compliance.	Assure light and glare is minimized outside of the athletic fields.	Facilities Planning & Management
AES-02. All new construction contracts shall implement those provisions of the latest Facility Master Plan Landscape Plan applicable to their projects. Facilities Planning & Management shall ensure compliance.	Assuring the campus landscaping plans and guidelines are implemented.	Facilities Planning & Management
AES-03. Hillmer Lodge Stadium (D6) lighting fixtures shall be designed, located, installed, aimed downward or toward structures, and maintained in good order to prevent glare, light trespass, and light pollution offsite. Lighting fixtures shall be mounted, aimed and shielded so that their beams fall within the primary playing area and their immediate surroundings, and so that no significant off-site light trespass is produced. Stadium Lighting (D6) shall adhere to NCAA Lighting Guidelines, the Flex Field (D5) to 50 FC: 2:1 Uniformity, and the Practice Field (D5) to 30 FC 22:1 Uniformity Standards. The Stadium sports lighting shall be turned off as soon as possible following the end of the event and players and spectators are leaving the Stadium. Where feasible, a low-level lighting system shall be used to	Assure light and glare is minimized outside of the athletic fields.	Facilities Planning & Management

facilitate spectators leaving the facility, cleanup, nighttime maintenance and other closing activities. Facilities Planning & Management shall ensure compliance.		
AES-04. The lighting and programming for the soccer fields south of the Observatory (Building 60) shall be reviewed to determine if light and glare can be reduced for Observatory activities on the first Friday of each month for public viewing and on Tuesday, Wednesday nights for student research activities. Facilities Planning & Management shall ensure compliance.	Minimizing conflicts with observatory activities and soccer field lighting.	Facilities Planning & Management
AES-05. All new construction contracts shall implement those provisions of the <i>Landscape Plan</i> applicable to their projects. Facilities Planning & Management shall monitor compliance.	Ongoing provision for consistency between projects and the campus Landscape Plan.	Facilities Planning & Management
AES-06. Exterior building materials, colors and signage shall be reviewed by the Campus Master Plan Coordinating Team (CMPCT). All construction contracts shall specify these items and implement CMPCT final recommendations. Facilities Planning & Management shall monitor compliance.	Ongoing provision for consistency between projects and the local built environment.	Facilities Planning & Management
AES-07. All future projects included in the 2015 FMPU that are located near the perimeter of the campus shall conform to the Campus Perimeter Night Lighting Guidelines (Table xxx in Draft EIR). The Guidelines do not supersede California Building Code Section 1205.6, the California Administrative Code Section for the LZA Z, or the Illuminating Engineering Society (IES) G-1-03 Standards for parking and sidewalks/walkway security illumination levels. Facilities Planning and Management shall ensure compliance.	Project compliance to reduce light or glare impacts off-campus.	Facilities Planning & Management
2. Air Quality		
AQ-01. All contractors shall comply with all feasible Best Available Control Measures (BACM) included in South Coast Air Quality Management District (SCAQMD) Rule 403: Fugitive Dust included in Table 1: Best Available Control Measures Applicable to All Construction Activity Sources. In addition, the project shall comply with at least one of the following Track-Out Control Options: (a) Install a pad consisting of washed gravel (minimum-size: one inch) maintained in a clean	Ongoing compliance with Rule 403 to reduce air quality emissions.	Purchasing

condition to a depth of at least six inches and extending at least 20 feet wide and 50 feet long, (b) Pave the surface extending at least 100 feet and a width of at least 20 feet wide, (c) Utilize a wheel shaker/wheel spreading device consisting of raised dividers (rails, pipe, or grates) at least 24 feet long and 10 feet wide to remove bulk material from tires and vehicle undercarriages before vehicles exit the site, (d) Install and utilize a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the site, (e) Any other control measures approved by the Executive Officer and the U.S. EPA as equivalent to the methods specified items (a) through (d) above. Individual BACM in Table 1 that are not applicable to the project or infeasible, based on additional new project information, may be omitted only if Planning Facilities Planning & Management specifies in a written agreement with the applicant that specific BACM measures may be omitted. Any clarifications, additions, selections of alternative measures, or specificity required to implement the required BACM for the project shall be included in the written agreement. The written agreement shall be completed prior to demolition and/or grading for the project. Facilities Planning & Management shall include the written agreement within the Mitigation Monitoring Program for the project and Facilities Planning & Management shall ensure compliance.		
AQ-02. Project construction contracts shall prohibit vehicle and engine idling in excess of five (5) minutes and ensure that all off-road equipment is compliant with the CARB's in-use off-road diesel vehicle regulations and SCAQMD Rule 1186 and 1186.1 certified street sweepers or roadway washing trucks, and all internal combustion engines/construction equipment operating on the project site shall meet EPA-Certified Tier 2 emissions standards, or higher according to the adopted project start date requirements. A copy of each unit's certified tier specification, BACT documentation and CARB or SCAQMD operating permit shall be provided to the construction manager at the time of mobilization of each applicable unit of equipment. Facilities Planning	Ongoing compliance with CARB and EPA regulations to reduce air quality emissions.	Purchasing

& Management shall ensure compliance.		
AQ-03. During construction, contractors shall minimize offsite air quality impacts by implementing the following measures: (a) encourage car pooling for construction workers, (b) limit lane closures to off-peak travel periods, (c) park construction vehicles off traveled roadways, (d) encourage receipt of materials during non-peak traffic hours and (e) sandbag construction sites for erosion control. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing compliance with recommendations to reduce air quality emissions.	Facilities Planning & Management
AQ-04. Truck deliveries and pickups shall be scheduled during off-peak hours whenever possible to alleviate traffic congestion and air quality emissions during peak hours. Facilities Planning & Management shall monitor compliance.	Ongoing compliance with recommendations to reduce vehicle trips during peak hours.	Facilities Planning & Management
AQ-05. During project construction, all off-road diesel-powered construction equipment greater than 50 hp shall meet the EPA-Certified Tier 4 emission standards where available. All construction equipment shall be outfitted with BACT devices certified by CARB. Any emission control devices used by a contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations. A copy of each unit's certified tier specification, BACT documentation and CARB or SCAQMD operating permit shall be provided by contractors before commencement of equipment use on campus. Facilities Planning & Management shall ensure compliance.	Ongoing compliance with EPA and CARB regulations to reduce diesel particulate emissions.	Facilities Planning & Management
AQ-06. Construction contracts shall specify that all diesel construction equipment used onsite shall use ultra-low sulfur diesel fuel. Facilities Planning & Management shall ensure compliance.	Ongoing compliance with recommendations to reduce diesel engine air quality emissions.	Purchasing
AQ-07. During grading and construction, fugitive dust from construction operations shall be reduced by watering at least twice daily using reclaimed water or chemical soil binder, where feasible, or water whenever substantial dust generation is evident. Grading sites of more than ten gross acres shall be watered at least three times daily. The project shall comply with Rule 403: Fugitive Dust (South Coast Air Quality	Ongoing compliance with SCAQMD regulations to reduce particulate emissions.	Facilities Planning & Management

Management District). Project contractors shall suspend grading operations, apply soil binders, and water the grading site when wind speeds (as instantaneous gusts) exceed 25 miles per hour. Traffic speeds on all unpaved graded surfaces shall not exceed 15 miles per hour. All grading operations shall be suspended during first and second stage smog alerts. All project contracts shall require project contractors to keep construction equipment engines tuned to ensure that air quality impacts generated by construction activities are minimized. Upon request, contractors shall submit equipment tuning logs to Facilities Planning & Management. Facilities Planning & Management shall ensure compliance.		
AQ-08. To reduce VOC emissions, all construction contracts shall limit painting to eight hours per day, specify the use of paints and coatings with a VOC content of 80 grams per liter (g/l) or less. Facilities Planning & Management shall ensure compliance.	Ongoing compliance with SCAQMD regulations to reduce VOC/ROG particulate emissions.	Purchasing
AQ-09. All off-road diesel-powered construction equipment greater than 50 hp (e.g., excavators, graders, dozers, scrappers, tractors, loaders, etc.) used during construction of PEP (Phase 1) shall comply with EPA-Certified Tier IV emission controls where available. The requirements shall be placed in construction contracts. Facilities Planning & Management shall ensure compliance.	Ongoing compliance with SCAQMD regulations for construction NOx emissions.	Purchasing
AQ-10. The college shall obtain all required permits for the Fire Training Academy from the South Coast Air Quality Management District. Fire Technology shall ensure compliance.	Compliance with SCAQMD permits for operation of fire suppression activities at the Training Academy.	Fire Technology
3. Biological Resources		
BIO-01. New permanent lighting standards in Parking Lot M and Lot W immediately adjacent to sensitive biological habitat areas (i.e. Wildlife Sanctuary/Open Space Zone) shall not exceed 0.2 foot- candles at five (5) feet outside of the parking lot boundary. Facilities Planning & Management shall ensure compliance.	Minimize light intrusion in open space areas.	Facilities Planning & Management
	Project compliance with CDFG regulations for rare	Facilities Planning & Management

BIO-02. A pre-construction survey for Burrowing Owls shall be completed for construction areas with suitable habitat for the Burrowing Owl (e.g. Irrigation Well site, the Detention Basin site, and the Fire Training Academy site). If clearing, grading, or construction is planned to occur during the raptor and migratory bird breeding season (February 1 through July 31) or the burrowing owl breeding season (February 1 through August 31), pre-construction surveys should be conducted in the construction area and in appropriate nesting habitat within 500 feet of the construction area. A pre-construction nest/owl survey should be completed for each project or work area within 14 days of the start of construction. Multiple pre-construction surveys may be required because the start of specific projects may be separated in time by months or years. If there are no nesting owls, raptors or protected birds within each area, development would be allowed to proceed. However, if raptors or migratory birds are observed nesting within this area and within sight or sound of the work, development within 300 feet must be postponed either until all nesting has ceased, until after the breeding season, or until construction is moved far away enough so that the activity does not impact the birds. If burrowing owls are observed, impacts shall be avoided according to the Staff Report on Burrowing Owl Mitigation (CDFW 2012). All recommendations of the final studies shall be implemented. Facilities Planning & Management shall ensure compliance.	and sensitive biological resources.	
BIO-03. Prior to grading within areas of Venturan Coastal Sage Scrub, the college shall identify replacement 2:1 acreage. Replacement habitat shall be completed prior to project completion. Planning & Facilities Management shall ensure compliance.	Project compliance with CDFG regulations for rare and sensitive biological resources.	Facilities Planning & Management
BIO-04. Prior to grading within areas of non-native grassland, the college shall identify replacement 0.5:1 acreage habitat. Replacement habitat shall be completed prior to project completion. Planning & Facilities Management shall ensure compliance.	Project compliance with CDFG regulations for rare and sensitive biological resources.	Project compliance with CDFG regulations for rare and sensitive biological resources.
BIO-05. The college shall adopt a Land Management Plan to minimize impacts on California Black Walnut trees on campus. Any walnut trees with a diameter of six inches four feet above ground damaged or removed by construction activities shall be replaced according to the standards in Table 4 of the Mt. SAC California Black Walnut Management Plan (Helix Environmental	Project compliance with CDFG regulations for rare and sensitive biological resources. Mitigation Measure 1b. above provides the Conservation Area for replacement of California black walnut trees removed elsewhere on campus.	Facilities Planning & Management

Planning, September 2012). Replacement habitat shall be completed prior to project completion. The required mitigation acreage for replacement walnut trees is 2.018 acres. The replacement specimens shall be preserved, maintained and monitored for a period of five years to ensure vitality. Facilities Planning & Management shall ensure compliance.		
BIO-06. Prior to removal of any trees on campus in or near construction areas of the 2015 Facility Master Plan Update during March - May, a qualified biologist shall survey the trees for active nesting sites. All recommendations of the final biological report shall be completed. Facilities Planning & Management shall monitor compliance.	Project compliance with CDFG regulations for rare and sensitive biological resources.	Facilities Planning & Management
BIO-07. If construction is planned during February 1-July 31 in potential raptor nesting habitat, pre-construction surveys of habitat within 500 feet of the construction area shall be completed. All recommendations of the final report shall be implemented. Facilities Planning & Management shall monitor compliance.	Project compliance with CDFG and Bird Migration Act regulations for rare and sensitive biological resources.	Facilities Planning & Management
BIO-08. Permanent development adjacent to any future wetland mitigation areas shall incorporate a 25-foot buffer during final project design. If un-vegetated, the buffer shall be planted with non- invasive species that are compatible with the adjacent wetland mitigation area habitat. A qualified biologist shall review the final landscape plans for the buffer area to conform that no species on the California Invasive Plan Council (Cal-IPC) list are present in the plan. Facilities Planning & Management shall monitor compliance.	Project compliance to reduce impacts on wetland habitat areas.	Facilities Planning & Management
BIO-09. The limits of construction for projects adjacent to sensitive habitats should be delineated with silt fencing/fiber rolls and orange construction fencing. A qualified biologist should attend a pre-construction meeting to inform construction crews about the sensitivity of any adjacent habitat. A qualified biologist should also inspect the fencing upon installation and monitor clearing and grading of (and near) native habitat to prevent unauthorized impacts. Facilities Planning & Management shall monitor compliance.	Project compliance to reduce intrusion of construction equipment into sensitive adjacent habitats.	Facilities Planning & Management
BIO-03. Impacts to California Black Walnut trees, if they cannot be avoided, should be mitigated by the replacement of each impacted tree that has a diameter of 6 inches at 4 feet, 6 inches above the ground by a 24-inch boxed specimen. These trees should be	Compliance with impacts on California Black Walnut trees.	Facilities Planning & Management

planted in the approved California Black Walnut Management Plan area and preserved, maintained and monitored for 2 years. Planning & Management shall ensure compliance.		
BIO-11. A 25-foot buffer shall be incorporated into the project design for the Fire Training Academy to protect future wetland mitigation areas along Snow Creek. A qualified biologist shall also review the draft landscape plans for the buffer area to confirm that no species on the Cal-IPC list would be present during plan implementation. Facilities Planning & Management shall ensure compliance.	Compliance with efforts to reduce impacts on native habitat and sensitive bird species.	Facilities Planning & Management
BIO-12. When a preliminary site plan for the Fire Training Academy is available, the college shall have a qualified noise consultant evaluate the potential construction and operational noise impacts of the Fire Training Academy on threatened and special status birds in the adjacent coastal sage scrub on MSAC Hill and riparian habitat along Snow Creek. The study shall also assess any noise impacts on residential uses to the south. All recommended mitigation measures of the final report shall be implemented. Facilities Planning & Management shall monitor compliance.	Compliance with efforts to reduce impacts on a threatened or special status bird species.	Facilities Planning & Management
BIO-13. Construction noise adjacent to existing coastal sage scrub habitat within the West Parcel and on MSAC Hill that is retained (i.e. not graded) will be minimized whenever feasible by avoiding construction grading during the prime nesting season. Facilities Planning & Management shall monitor compliance.	Compliance with efforts to reduce impacts on a threatened or special status bird species.	Facilities Planning & Management
4. Cultural Resources		
CR-01 During construction grading and site preparation activities, the Contractor shall monitor all construction activities. In the event that cultural resources (i.e., prehistoric sites, historic sites, and/or isolated artifacts) are discovered, work shall be halted immediately within 50 feet of the discovery and the Contractor shall inform the Project Manager. A qualified archaeologist that meets the Secretary of the Interior's Standards and Guidelines for Professional Qualifications in Archaeology shall be retained to analyze the significance of the discovery and recommend further appropriate measures to reduce further impacts on	Actions if cultural resources are discovered during grading.	Facilities Planning & Management

archaeological resources. Such measures may include avoidance, preservation in place, excavation, documentation, curation, data recovery, or other appropriate measures. Facilities Planning & Management shall monitor compliance.		
CR-02. If, during the course of implementing the project, human remains are discovered, all work shall be halted immediately within 50 feet of the discovery, the Contractor shall inform the Project Manager, and the County Coroner must be notified according to Section 5097.98 of the PRC and Section 7050.5 of California's Health and Safety Code. If the remains are determined to be Native American, the coroner will notify the Native American Heritage Commission, and the procedures outlined in CEQA Section 15064.5(d) and (e) shall be followed. Facilities Planning & Management shall monitor compliance.	Actions if human remains are discovered during grading.	Facilities Planning & Management
CR-03. The recommended action for the adverse impact on historic resources and on the Mt. SAC Historic District due to buildout of the 2015 FMPU and the PEP is revision of the Land Use Plan to avoid demolition of a CEQA historic resource. An evaluation of feasible options shall be prepared for CMPCT prior to certification of the Final EIR. The college shall evaluate whether the impacts on 3CD or 3CB buildings proposed for removal or demolition in the recommended District may be reduced to Less than Significant. The alternatives to be considered include: (1) Redesign of the 2015 Facility Master Plan Update to avoid impacting the 3CD or 3CB buildings, (2) Redesign of the 2015 Facility Master Plan Update to reduce the project impacts on 3CD or 3CB buildings to Less than Significant, (3) Redesign of phases of the project to reduce impacts on 3CD or 3CB buildings to Less than Significant as more detailed planning for each phase comes up for review before the Campus Master Plan Coordinating Team (CMPCT), and (4) Evaluation of adaptive reuses of 3CD or 3CB buildings prior to construction. Planning Facilities & Management shall monitor compliance. The Facilities Planning & Management Department shall ensure compliance.	Assuring future projects have been assessed for cultural resource impacts	Facilities Planning & Management

CR-04. If project redesign is not feasible to achieve the Project and College's educational goals and facility needs, the following mitigation shall be implemented to reduce the significant impacts on historical resources: (a) HABS Level II History Report for the (1) Mt. SAC Historic District and for (2) Hilmer Lodge Stadium consistent with the <i>Historic American Buildings Survey Guidelines for Historical Reports</i> (National Park Service 2007); (b) HABS Level II Standard Photography following the <i>Secretary of Interior Standards and Guidelines for Architectural and Engineering Documentation</i> and HABS specific guidelines for the Mt. SAC Historic District and Hilmer Lodge Stadium; (c) Reproduction of select existing drawings for each building proposed for demolition or alteration following HABS Level II guidelines; (d) Creation of a interpretative exhibit within Heritage Hall (HH) including not only the history of Hilmer Lodge Stadium, but the entire Historic District as well, and (e) Development of a "Mt. SAC History" section on the campus website. The Facilities Planning & Management Department shall ensure compliance		Facilities Planning & Management
CR-05. Prior to demolition, removal, or remodeling of any 3CD or 3CB building on campus, the college shall enlist the services of a qualified architectural historian to prepare the HABS Narrative Historical Report as well as CA DPR 523 forms. Documentation through HABS is an important measure because it allows documentation of the resource before alterations begin. Given the relative historic significance of the resources, Level II HABS is the recommended documentation standard, to be prepared in accordance with the <i>Secretary of Interior Standards and Guidelines for Architectural and Engineering Documentation</i> and HABS specific guidelines (http://www.nps.gov/hdp/standards/habsguidelines.htm). A narrative historical report following the <i>Historic American Buildings Survey Guidelines for Historical Reports</i> (National Park Service 2007) should be prepared for the (1) Mt. SAC Historic District and (2) Hilmer Lodge Stadium. The college shall enlist the services of a qualified architectural historian to prepare the HABS Narrative Historical Report as well as CA		Facilities Planning & Management

DPR 523 forms. The DPR forms shall be submitted to the State Office of Historic Preservation (via the SCCIC) for their records. All other historic documents shall be made available to the public in the collection of the College's Learning Technology Center, including: the HABS Narrative Historical Report, DPR 523 forms, the <i>Historic Resources on the Campus of Mt. San Antonio College, Walnut, California</i> (The Building Biographer, June 1, 2003) and <i>The Historical Resources Analysis for Five Buildings at Mount San Antonio College, Los Angeles County, Walnut, California</i> (Davis 2012), and a copy of this report. Facilities Planning & Management shall ensure compliance.		
CR-06. Prior to demolition, removal or remodeling of any 3CD or 3CB building, the college shall hire a qualified HABS photographer to provide photo-documentation for the properties on campus identified as 3CD or 3CB which are proposed for removal or demolition in the 2012 Facilities Master Plan or 2015 FMP Update. The photo-documentation shall be made available to the public in the collection of the College's Learning Technology Center. The documentation should be done in accordance with the Guidelines provided in the <i>Photographic Specifications: Historic American Building Survey, Historic American Engineering Record, Division of National Register Programs, National Park Service, Western Region</i> . Facilities Planning & Management shall ensure compliance.	Project compliance with CEQA regulations and SHPO guidelines for historic resources.	Facilities Planning & Management
CR-07. Prior to demolition, removal or remodeling of any 3CD or 3CB building, the college shall prepare archivally stable reproduction of original as-built drawings. Reproductions of drawings shall be done in accordance with the <i>Secretary of the Interior's Guidelines for Architectural and Engineering Documentation</i> . Select existing drawings, where available, may be photographed with large-format negatives or photographically reproduced on Mylar in accordance with the U.S. Copyright Act, as amended. Facilities Planning & Management shall ensure compliance.	Project compliance with CEQA regulations and SHPO guidelines for historic resources.	Facilities Planning & Management
CR-08. To recognize the history of Mt. SAC, part of the facilities for the new Stadium will include Heritage Hall, an area dedicated to historical interpretation of the history of Hilmer Lodge Stadium and the college. The interpretative panels could utilize information from the		

HABS Level II Narrative Historical Report and large-format photographic documentation. Facilities Planning & Management shall ensure compliance.		
CR-09. To further recognition of the history of Mt. SAC, a page or series of pages should be developed for inclusion on the college's website. This project could be completed as a multi-disciplinary school project, prepared by students in the Technology and History departments utilizing the information from the HABS Level II Narrative Historical Report and large-format photographic documentation. Facilities Planning & Management shall ensure compliance.		
CR-10. An architectural historian or historical architect meeting the SOI Professional Qualification Standards for either discipline shall review the proposed architectural drawings and renderings of the Library (6), Bookstore (9A) and Technology Center (28 A/B) to ensure compliance with the SOI Treatment of Historic Properties. The person should be consulted during the early design of the renovation projects to ensure adherence to the Standards and to minimize plan alternations during the design process. Facilities Planning & Management shall ensure compliance.		
5. Energy		
EN-01. An energy management system shall be installed in all new facilities to reduce energy consumption and related pollutant emissions. Facilities Planning & Management shall monitor compliance.	Ongoing compliance with recommendations to reduce energy and air quality emissions.	Facilities Planning & Management
6. Greenhouse Gas Emissions		
GH-01. Future buildings exceeding 20,000 ASF shall have building roof coverings with a minimum three-year aged solar reflectance and thermal emittance, or a minimum reflectance index (SRI) greater than or equal to the values specified in Sections A5.106.11.2.1 and A5 106.11.2.2 or a minimum aged Solar Reflectance Index (SRI) 3 complying with Sections A5.106.11.2.3 as shown in Table A5.106.11.2.1 or A5.106.11.2.2 in Appendix A5 for Non-Residential Voluntary Measures in the 2010 California Green Building Standards Code	Ongoing compliance with CalGreen regulations to reduce cumulative GHG emissions in the SCAB.	Facilities Planning & Management

(CalGreen). Facilities Planning & Management shall ensure compliance.		
GH-02. Future buildings exceeding 20,000 ASF shall include occupant sensors, motion sensors and vacancy sensors capable of automatically turning off all the lights in an area no more than 30 minutes after the area has been vacated and shall have a visible status signal indicating that the device is operating properly or that it has failed or malfunctioned. The visible status signal may have an override switch that s turns the signal off. In addition, ultrasonic and microwave devices shall have a built-in mechanism that allows the calibration of the sensitivity of the device to room movement in order to reduce the false sensing of occupants and shall comply with either Subsection A5.209.1.4.1 or A5.209.1.4.2 as applicable. These measures are included in Appendix A5 for Non-Residential Voluntary Measures in the 2010 California Green Building Standards Code (CalGreen). Facilities Planning & Management shall ensure compliance.	Ongoing compliance with CalGreen regulations to reduce cumulative GHG emissions in the SCAB.	Facilities Planning & Management
GH-03. Future buildings exceeding 20,000 ASF shall include installation of field-fabricated fenestration (i.e. windows) and field-fabricated exterior doors only if the compliance documentation demonstrates compliance for the installation using U-factors from Table A5.205.1-A and Solar Heat Gain Coefficient (SHGC) values from Table A5.205.1-B included in Appendix A5 for Non-Residential Voluntary Measures in the 2010 California Green Building Standards Code (CalGreen). Facilities Planning & Management shall ensure compliance.	Ongoing compliance with CalGreen regulations to reduce cumulative GHG emissions in the SCAB.	Facilities Planning & Management
GH-04. Future buildings exceeding 70,000 ASF shall either have an energy efficiency of 30 percent above Title 24. Part 6 (e.g. Exceed CEC requirements (Performance Approach), based on the 2008 Energy Efficiency Standards by 30 percent and meet the requirements of Division A45.6) or exceed the latest edition of “Savings by Design, Healthcare Modeling Procedures” by 15 percent, in accordance with Section A.5.203.1.2 CalGreen Tier 2 (OSHDP), as listed in Appendix A5 for Non-Residential Voluntary Measures in	Ongoing compliance with CalGreen regulations to reduce cumulative GHG emissions in the SCAB.	Facilities Planning & Management

the 2010 California Green Building Standards Code (CalGreen). Facilities Planning & Management shall ensure compliance.		
7. Hazards & Hazardous Materials		
HAZ-01. Prior to demolition or remodeling, onsite inspection and sampling in all buildings included in the 2015 Facility Master Plan Update for renovation or demolition shall be completed by a qualified OSHA professional for asbestos contaminated building materials and the presence of lead-based paint. All final recommendations of the final approved report(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing compliance with OSHA and SCAQMD regulations for ACBM materials or lead-based paint hazards.	Facilities Planning & Management
HAZ-02. All building plans for laboratories on campus shall be reviewed by the Department of State Architect, the State Fire Marshall and the County of Los Angeles Fire Department (Fire Prevention-Engineering Unit) for fire and hazard safety. All final recommendations of the final approved plan(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing compliance with DSA regulations for fire and hazard safety in campus laboratories.	Facilities Planning & Management
HAZ-03. Prior to construction all proposed storage areas onsite of potential hazardous chemicals and materials and operational plans shall be reviewed by the County of Los Angeles Fire Department. All recommendations of the final approved plans shall be included in construction documents, if applicable and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing compliance with County of Los Angeles Fire Department regulations for storage of potential hazardous chemicals and materials on campus.	Facilities Planning & Management
HAZ-04. All materials generated onsite for the Fire Training Academy that are classified as hazardous by state regulations shall be disposed of consistent with OSHA, CALEPA and LACHA. Fire Technology shall ensure compliance.	Compliance with OSHA, CALEPA and LACHA requirements for operation of fire suppression activities at the Fire Training Academy.	Fire Technology
8. Hydrology/Water Quality		
HYD-01. Future development occurring for buildout of the 2015 FMPU shall install the drainage facilities required by the Utilities Master Plan Infrastructure Plan, as modified by the 2016 Hydrology Study, Psomas April	Providing adequate drainage facilities for all future development on campus.	Facilities Planning & Management

2016, and Future Hydrology Figure 2d, (Ibid) prior to occupancy. Facilities Planning & Management shall monitor compliance.		
HYD-02. 7a. The <i>Master Campus Drainage Plan</i> shall be updated prior to commencement of grading for the Fire Training Academy and Athletics Education Building projects. The plan shall comply with the <i>State of California National Pollutant Discharge Elimination System (NPDES) Construction Activities Storm Water Discharge Permit (Construction Permit)</i> regulations. When construction activities on campus constitute acreage at or above the threshold acreage, the college shall prepare a <i>Storm Water Pollution Prevention Plan (SWPPP)</i> and a <i>Monitoring Program</i> for the 2012 Facility Master Plan. The <i>Master Campus Drainage Plan</i> shall meet any requirements of the County of Los Angeles Department of Public Works and the City of Walnut. All recommendations of the approved final drainage plan(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing provisions for compliance with Water Quality Management Plans.	Facilities Planning & Management
HYD-03. All drainage improvements shall be consistent with the <i>Master Campus Drainage Plan</i> . All recommendations of the approved final drainage plan(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing provisions for compliance with campus drainage plans.	Facilities Planning & Management
HYD-04. Prior to excavation onsite for which the preliminary soils/geology report indicated groundwater may be encountered; any required permit for de-watering shall be obtained from the California Regional Water Quality Control Board, Los Angeles Region. If effluent concentrations exceed permit requirements, a carbon treatment system or equivalent system to remove pollutants shall be utilized prior to discharge. Facilities Planning & Management shall monitor compliance.	Ongoing provisions for compliance with RWQCB regulations.	Facilities Planning & Management
HYD-05. 21b. The college shall obtain all required permits for the Fire Training Academy from the Los Angeles Regional Water Quality Control Board. Fire Technology shall ensure compliance.	Compliance with RWQCB permits for wastewater disposal for Fire Training Academy fire suppression activities.	Fire Technology

9. Land Use/Planning		
LU-01. All future land uses on campus, building locations and square footage (ASF) shall be in substantially consistent with the 2015 Facilities Master Plan Update. Facilities Planning & Management shall monitor compliance.	Ongoing review of consistency between individual projects and 2015 Facility Master Plan Update	Facilities Planning & Management
LU-02. The following Master Plan elements shall be revised to conform to the 2015 Facilities Master Plan Update: (1) Land Use Plan, (2) Conservation Plan, (3) Circulation and Parking Plan. Facilities Planning & Management shall monitor compliance.	Assuring consistency between the 2015 FMPU Land Use Plan and other elements.	Facilities Planning & Management
LU-03. The City of Walnut should revise its General Plan designation for the campus in its next General Plan Update to Community College and the Zoning District to Community College (or another applicable) zoning district so the General Plan and Zoning District are consistent. The Community Development Department of the City of Walnut shall ensure compliance.	Resolving inconsistencies between General Plan designations and campus land uses.	City of Walnut
LU-04. The Facility Master Plan Conservation Plan shall be revised to include approximately 25.6 acre Habitat Mitigation Area for removal of existing California Black Walnut, Coastal Sage Scrub and Non-Native Grassland habitats. Facilities Planning & Management shall monitor compliance.	The adopted Mt. San Antonio College California Black Walnut Management Plan, Helix Environmental Planning, Inc., September 21, 2012 defines the large 25.6 acres area and the smaller initial CBW replacement habit of 2.02 areas (Figure 4).	Facilities Planning & Management
LU-05. The following Master Plan elements shall be revised to conform to the 2015 Facility Master Plan Update: (1) Land Use Plan, (2) Conservation Plan, and the (3) Circulation/Parking Plan. Planning Facilities & Management shall ensure compliance.	Creating conformity between 2015 Facility Master Plan Update and prior planning documents.	Facilities Planning & Management
LU-06. Prior to building construction for the Fire Training Academy, the CMPCT shall review the Preliminary Landscaping Plan and a Preliminary Operation and Management Plan for the Fire Training Academy. Facilities Planning & Management shall ensure compliance.	CMPCT oversight of the preliminary plans for the Fire Training Academy.	Facilities Planning & Management
LU-07. Programming for the Auditorium should establish if an adjacent Parking Structure is desirable in Lot B within six months of certification of the Final EIR. A site specific study is required for the Auditorium and/or an adjacent parking structure. Facilities Planning & Management shall ensure compliance.		
10. Noise		

NO-01. All construction activities, except in emergencies or special circumstances, shall be limited to the hours of 7 am to 7 pm Monday-Saturday. Staging areas for construction shall be located away from existing off-site residences. All construction equipment shall use properly operating mufflers. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing of limitation on construction hours to reduce construction noise impacts on adjacent areas.	Facilities Planning & Management
NO-02. Loudspeaker and other public address systems on campus shall be located and adjusted to register no more than 70 dB Lmax at the nearest offsite residences. Facilities Planning & Management shall monitor compliance.	Ongoing restriction of loudspeaker and public address system noise levels to minimize noise impacts on adjacent areas.	Facilities Planning & Management
NO-03. Weekend special events within any athletic field complex such as tournaments, day-long meets, etc. shall be planned to not begin before 7 am on Saturday or 8 am on Sunday. Event Services shall monitor compliance.	Ongoing restriction of event hours to minimize early morning noise impacts on adjacent areas.	Event Services
NO-04. Concrete pouring for Parking Structure J shall be located as far away from residences as possible. Concrete trucks shall use Bonita Drive and Walnut Drive for access. Construction of the parking structure is limited to the hours of 7 am to 7 pm Monday-Saturday. Planning & Management shall monitor compliance.	Ongoing limitations on location of concrete pouring to minimize noise impacts on adjacent offsite residential areas.	Facilities Planning & Management
NO-05. The college shall adopt policies and post signs in the parking structure indicating vehicles with alarms may be towed from parking areas if alarms sound for more than five minutes. The Public Safety Department shall ensure compliance.	Ongoing restriction on vehicle alarms to minimize noise impacts on adjacent areas.	Public Safety
NO-06. Construction contracts shall specify that construction equipment vibration impacts with a peak particle velocity (PPV) of 0.04 inches per second or more occurring offsite in a sensitive receptor area shall not exceed 15 minutes in any one hour. Facilities Planning & Management shall monitor compliance.	Minimization of vibration offsite for sensitive receptors from construction equipment operations.	Facilities Planning & Management
11. Open Space, Managed Resources and Working Landscapes		
MR-01. All recommendations in the final geotechnical report(s) for projects included in the 2015 Facility Master Plan Update shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing requirements to assure public safety from seismic hazards.	Facilities Planning & Management
MR-02. During construction grading and site preparation activities, the Contractor shall monitor all construction	Ongoing during construction	Facilities Planning & Management

activities. In the event a paleontological find or a potential paleontological find is discovered, construction activities shall cease and the Contractor shall inform the Project Manager. A qualified paleontologist shall be contacted to analyze the find and recommend further appropriate measures to reduce further impacts on paleontological resources. Facilities Planning & Management shall monitor compliance.		
12. Population/Housing		
PH-01. Beginning on January 2016, on January 2020 and every five years, projections of future campus employment shall be forwarded to the Southern California Association of Governments. Human Resources shall monitor compliance.	Ongoing provision for employment projections for SCAG forecasts.	Human Resources
13. Public Services		
PS-01. The net increase in campus wastewater flows shall be projected whenever the Mt. SAC Utility Infrastructure Master Plan (UIMP) is updated for a new campus Facility Master Plan, or within ten years of the last UIMP Update. The District shall obtain the required permits from the Consolidated Sanitation District of Los Angeles County, and pay the required capital facilities fees for the net increase projected in the UIMP Update. Facilities Planning & Management shall ensure compliance.	Ongoing communication of campus circulation and parking conditions for sheriff vehicular response.	Public Safety
PS-02. The Public Safety Department shall project their Department personnel and equipment needs to accommodate the student, staff and facility increases projected in the 2015 Facility Master Plan Update. The plan shall provide for student, staff and visitor security upon buildout of the 2015 Facility Master Plan Update. (Expansions of the Code Blue Emergency Phone System and revisions to the assignment of Evening Escorts shall be included in the plan). Public Safety shall ensure compliance	Ongoing provision for maintaining safety for personnel and equipment to serve campus needs at buildout.	Facilities Planning & Management
PS-03. Within six months of certification of the 2015 Final EIR, the Public Safety Department shall complete a security construction plan to address direct and indirect security needs for all construction activities on campus associated with the 2015 Facility Master Plan Update. The special public safety needs of buildings	Ongoing provision for maintaining safety for personnel and equipment to serve campus needs during construction.	Facilities Planning & Management

(i.e. demolition, new construction and remodeling), construction sites, transport of construction materials and equipment, construction parking and use of construction equipment shall be addressed. Facilities Planning & Management shall ensure compliance		
PS-04. The Athletics Division and the Campus Security Department shall prepare a Security Plan for all new Special Events (i.e. does not include the 2020 Olympic Track & Field Trials) with a maximum daily attendance of 10,000 persons or more. The Security Plan shall be approved by the Board of Trustees a minimum of three (3) months prior to the event. Facilities Planning & Management shall ensure compliance.	Ongoing provision for maintaining safety for personnel and equipment for any future new special events. None are currently planned. -	Facilities Planning & Management
PS-05. The Athletics Division and the Campus Security Department shall prepare a Security Plan for the 2020 Olympic Track & Field Trials. The Security Plan shall be approved by the Board of Trustees a minimum of nine (9) months prior to the event. Facilities Planning & Management shall ensure compliance.	Provision for maintaining safety for guests, athletes, students, faculty, staff and volunteers during the event.	Facilities Planning & Management
14. Transportation		
TR-01 to TR-14 are intersection improvements or ramp improvements required for buildout of the 2015 Facilities Master Plan Update		
TR-01. A second EB right-turn lane shall be added to the Grand Avenue and Cameron Avenue intersection. The City of Industry is the Lead Agency and the County of Los Angeles is an interested agency. The City of Industry shall ensure compliance.	Complete required traffic improvements by 2020	Facilities Planning & Management
TP-02. The college shall provide a minimum of 8,017 parking spaces by 2020 and a minimum of 8,716 spaces by 2025. The parking totals exclude the 50 on-street metered spaces along Temple Avenue. The 2025 student headcount projections and parking requirements shall be updated by 1/1/2020. Facilities Planning & Management shall ensure compliance.	Complete required traffic improvements by 2020	Facilities Planning & Management
TR-03. The EB right-turn lane at the Grand Avenue and Temple Avenue intersection shall be converted to a through/right-turn lane. The City of Walnut is the Lead Agency.	Complete required traffic improvements by 2020	Facilities Planning & Management
TR-04. The signal phasing for the Grand Avenue and La Puente Road intersection shall be modified to include	Complete required traffic improvements by 2020	Facilities Planning & Management

an EB right-turn overlap phase (i.e. a right-turn protected arrow). The City of Walnut shall ensure compliance.		
TR-05. The EB approach shall be restriped to include a dedicated right-turn lane at the Temple Avenue and Mt. SAC Way intersection. The City of Walnut is the Lead Agency.	Complete required traffic improvements by 2020	Facilities Planning & Management
TR-06. Additional improvements at the Temple Avenue and Valley Boulevard intersection are not feasible due to the ROW constraints near the adjacent railroad line. Therefore, further improvements are not feasible. The City of Pomona is the Lead Agency.	Complete required traffic improvements by 2020	Facilities Planning & Management
TR-07. When a site plan is completed, a site-specific analysis shall be completed for the Public Transit Center. All recommendations of the traffic analysis shall be completed and the project coordinated with the college, the City of Walnut, the Foothill Transit Agency and if required, the County of Los Angeles Metro Transit Authority. Facilities Planning & Management shall ensure compliance.	Complete required traffic improvements by 2020	Facilities Planning & Management
TR-08. A third NB through-lane is required at the Grand Avenue and Mountaineer Road intersection. However, insufficient ROW is available within the current curb width. Therefore, further improvements are not feasible. The City of Walnut is the Lead Agency.	Complete required traffic improvements by 2025	Facilities Planning & Management
TR-09. The NB approach of the Grand Avenue and Baker Parkway intersection shall be restriped to include a third through-lane. However, this improvement would not fully mitigate the cumulative impact.	Complete required traffic improvements by 2025	Facilities Planning & Management
TR-10. When the preliminary design of the pedestrian bridge on Temple east of Bonita Avenue is available, it shall be reviewed by the Executive Board of Officers of Associated Students, by CMPCT, by the City of Walnut, and DSA. All recommendations of a site-specific traffic analysis shall be implemented. The Lead Agency is the City of Walnut.	Complete required traffic improvements by 2025	Facilities Planning & Management
TR-11. Convert the existing EB right-turn lane to a through/right-turn lane at the Nogales/Amar Road intersection (#1). There is sufficient roadway width at the intersection departure lane in the eastbound direction to accommodate the third through-lane. The	Complete required traffic improvements by 2025	Facilities Planning & Management

City of Walnut is the Lead Agency.		
TR-12. Restripe the EB approach lane to include a dedicated right-turn lane at the Lemon Avenue and Amar Road intersection (#2). The City of Walnut is the Lead Agency.	Complete required traffic improvements by 2025	Facilities Planning & Management
TR-13. Convert the existing NB right-turn lane to a shared through/right-turn lane at the Grand Avenue and SR-60 EB Ramps (#13). There is sufficient roadway width at the intersection departure in the northbound direction to accommodate the third through lane. The California Department of Transportation is the Lead Agency.	Complete required traffic improvements by 2025	Facilities Planning & Management
TR-14. Modify the traffic signal at the Bonita Avenue and Temple Avenue intersection (#15) to include a NB right-turn overlap phase. The City of Walnut is the Lead Agency.	Complete required traffic improvements by 2025	Facilities Planning & Management
TR-15. A third NB through-lane is required at the Grand Avenue and Mountaineer Road intersection. However, insufficient ROW is available within the current curb width. Therefore, further improvements are not feasible. The City of Walnut is the Lead Agency.	Assure pedestrian and vehicular safety during truck hauling activities for the PEP (Phase 1).	Facilities Planning & Management
TR-16 to TR-27 are requirements for hosting the 2020 Olympic Track & Field Trials		
TR-16. Facilities Planning & Management, along with the Local Organizing Committee (LOC) shall prepare a Transportation and Parking Management Plan for the 2020 Olympics Track & Field Trials. All campus parking locations and parking or shuttle fees shall be included in the Plan. If needed, additional security shall be provided at off-campus shuttle lots. All parking attendants (i.e. a minimum of one for each lot) shall have communication devices to communicate with a Campus Parking Supervisor. The Executive Board Officers of the Associated Students (AS) of Mt. SAC shall be given an opportunity to review and comment on the preliminary plan. The Plan shall be substantially complete at least a year (12 months) before the Trials begin and be approved by the Board of Trustees. The timeframe relates to the preparation of registration materials and	Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.	Facilities Planning & Management

event websites. Facilities Planning & Management shall ensure compliance.		
TR-17. Parking lot locations, vehicle occupancy requirements, and Parking Pass fees shall be published in all registration and event materials, on the event websites, and included in all media information. The Local Organizing Committee (LOC) shall hire students part-time as parking attendants or if qualified, as shuttle drivers. Event Services shall monitor compliance.	Distributing information to all registrants, media and the public on parking availability.	Facilities Planning & Management
TR-18. The Local Organizing Committee (LOC) shall provide shuttle bus service as described in Section 3.11.2. The off-campus shuttles shall operate at least three (3.0) hours before the first event of the day for the 2020 Olympic Track & Field Trials and for at least three (3.0) hours after the last event ends. Event Services shall monitor compliance.		Facilities Planning & Management
TR-19. The Local Organizing Committee (LOC) shall conduct two or more workshops for local Chamber of Commerce members and area Hotel Managers at least nine (9) months before the 2020 Olympic Track & Field Trials to inform them of the events, Shuttle Routes and time tables, distribute media packets, answer questions and encourage hotel managers to offer special hotel packages and morning and evening hotel shuttle services between their hotel and the campus free or for a limited fee. The Director of the Local Organizing Committee (LOC) shall ensure compliance.	Distributing information to businesses that provide services to athletics and guests during the event.	Facilities Planning & Management
TR-20. The Transportation and Parking Management Plan for the 2020 Olympic Track & Field Trials shall be based on the information in the Parking Plan in Section 3.11.2. With the stated minimum persons per vehicle, the designated lots provide parking for at least 14,174 guests and 490 faculty/staff on campus during the 2020 Summer Intersession if classes are not in session. The Planning Plan provides sufficient parking without Parking Structure J. Facilities Planning & Management shall ensure compliance.	Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.	Facilities Planning & Management
TR-21. If the 2020 Olympic Track & Field Trials are held during the Summer Intersession and classes are in session, the Local Organizing Committee (LOC) shall	Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.	Facilities Planning & Management

implement a Parking Plan based on Section 3.11.2. The Plan shall pre-register faculty and staff for parking on-campus for the week (i.e. not daily). Faculty and staff do not need to pre-register for the weekend. This procedure assures all faculty and staff have easy access to reserved parking during the week. Facilities Planning & Management shall ensure compliance.		
TR-22. During registration for the 2020 Olympic Track & Field Trials, registrants may purchase a Parking Pass for a specific on-campus Parking Lot (e.g. Lot F) for an off-campus Parking Pass (e.g. Cal Poly Pomona, Lanterman Developmental Center, Diamond Bar High School or Walnut High School etc.). Parking Passes will be sold for the entire 10-day event, for Session 1 (Day 1 – 4), Day 5 - 6 or Session 2 (Day 7 – 10). No Parking Passes will be issued for the other off-campus shuttle locations. Each registrant who purchases a Parking Pass shall receive a windshield Parking Pass for a specific Parking Lot. Each Parking Pass shall state the Minimum Persons per Vehicle (e. g., Minimum 3.0 Persons per Vehicle). Registration for Athletes and Officials shall begin two (2) weeks before registration for the general public. Facilities Planning & Management shall ensure compliance.	Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.	Facilities Planning & Management
TR-23. With classes not scheduled in the Summer Intersession, the recommended parking plan for the 2020 Olympics Track & Field is Plan B in Section 3.11.2. The plan shall be refined when the Shuttle Route system is finalized (i.e. SE-04). Facilities Planning & Management shall ensure compliance.	Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.	Facilities Planning & Management
TR-24. With classes scheduled in the Summer Intersession, the recommended parking plan for the 2020 Olympics Track & Field Trials is Plan C in Section 3.11.2. The plan shall be refined when the Shuttle Route system is finalized (i.e. SE-04). An updated focused traffic analysis is required. Facilities Planning & Management shall ensure compliance.	Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.	Facilities Planning & Management
TR-25. For additional reduction in pm peak period conflicts between area commuter traffic and 2020 Olympics Track & Field Trials traffic leaving the final event on Friday or Monday during Session 1, the event schedule shall be revised so guest traffic leaves before the commute period begins after the pm peak commute period ends. Either event schedule revision will result in	If feasible, revising the preliminary schedule to reduce traffic congestion weekdays during the pm peak period.	Facilities Planning & Management

reducing the number of pm peak period conflicts by two days, and only two of the ten event days during Session 2 have pm peak conflicts (Table 3.11.8). Facilities Planning & Management shall ensure compliance.		
TR-26. Prior to installation of the Lot F traffic signal, the City of Walnut shall consider lowering the posted travel speed along Temple Avenue near Lot F from 50 mph to 35-40 mph to facilitate access to the Lot F east entry driveway. The Public Works Department of the City of Walnut shall monitor compliance.	Consideration of lower posted travel speeds on Temple Avenue when a signal is warranted at Lot F and Temple Avenue.	City of Walnut
TR-27. Prior to completion of Parking Structure J, the northside leg at the Lot F and Temple Avenue driveway shall be widened. Facilities Planning & Management shall ensure compliance.	Complete required traffic improvements when required	Facilities Planning & Management
TR-28 to TR-40 are requirements for general parking, construction, and transportation impacts		
TR-28. Beginning in 2015, whenever a traffic/parking study for a FMP has not been completed in five (5) years, a new parking study shall be completed. The parking study shall specify the total parking supply required and a timeframe for providing the required number of campus parking spaces. Facilities Planning & Management shall ensure compliance.	Ongoing provision for adequate parking based on the college's recommended most recent headcount parking standard.	Facilities Planning & Management
TR-29. Site specific traffic and parking studies are required by the District for all new Special Events (i.e. excluding the 2020 Olympic Track & Field Trials) with projected maximum daily attendance above 15,000 weekdays (excludes Summer Intercession and campus holidays). Facilities Planning & Management shall ensure compliance.	Studies for new Special Events other than the 2020 Olympics Track & Field Trials	Facilities Planning & Management
TR-30. The following recommendations from the 2002 Mt. San Antonio College Parking Lot and Access Study shall be implemented for onsite improvements: (1) Preferential carpool parking permits and spaces for Special Events and/or special recognition of student and faculty achievements, (2) Additional parking spaces for motorcycles, (3) Additional bicycle racks, (4) Bicycle lockers and/or showers and lockers for cyclists, and (5) Evaluation of reduction in free parking, raising parking fees and/or demand parking prices. The evaluation shall be completed by July 1, 2017 and CMPCT shall issue a recommendation to the Board of Trustees by September 1, 2017. Facilities Planning & Management shall ensure compliance.		Facilities Planning & Management

TR-31. For hauling operations of more than 15 trucks per hour or more than 100,000 cubic yards, a Truck Haul Plan (THP) approved by the Director of Facilities Planning & Management, with consultation with adjacent cities, shall be implemented. The Plan shall consider traffic counts, routes, hours/day of hauling, avoidance of am and pm peak hours, intersection geometrics, access/egress constraints, and pieces construction equipment onsite. Recommendations shall be made concerning all hauling operations to minimize traffic and pedestrian congestion on-campus and off-campus and included in construction logistics plans. If required, all haul trucks shall be radio-dispatched. Light duty trucks with a weight of no more than 8,500 pounds are exempt from the THP requirements. Facilities Planning & Management shall ensure compliance	Assure pedestrian safety and reduce vehicular congestion along haul routes for campus construction hauling during peak hour traffic.	Facilities Planning & Management
TR-32. Contractors shall submit traffic handling plans and other construction documents to Facilities Planning & Management prior to commencement of demolition or grading. The plans and documents shall comply with the <i>Work Area Traffic Control Handbook (WATCH)</i> . Facilities Planning & Management shall monitor compliance.	Ongoing assurance of public safety at or near project construction sites.	Facilities Planning & Management
TR-33. Demolition and construction contracts shall include plans for temporary sidewalk closure, pedestrian safety on adjacent sidewalks, vehicle and pedestrian safety along the project perimeter, and along construction equipment haul routes on campus. These plans shall be reviewed by the Public Safety Department and approved by Facilities Planning & Management. Facilities Planning & Management shall monitor compliance.	Ongoing assurance of public safety at or near project construction sites.	Facilities Planning & Management
TR-34. Demolition and construction contracts shall include plans for construction worker parking areas on campus. Facilities Planning & Management shall monitor compliance.	Ongoing provisions for construction employee parking areas near construction sites or in designated areas with permits.	Facilities Planning & Management
TR-35. Each project site shall be adequately barricaded with temporary fencing to secure construction equipment, minimize trespassing, vandalism, short-cut attractions, and reduce hazards during demolition and construction. Facilities Planning & Management shall monitor compliance.	Ongoing provisions for construction security for individual projects and assurance of public safety.	Facilities Planning & Management
TR-36. Construction contractors shall post a flag person at locations near a construction site during major truck hauling activities to protect pedestrians from conflicts with heavy equipment entering or leaving the project	Ongoing provision for public safety from truck hauling activities near pedestrian paths.	Facilities Planning & Management

site. Facilities Planning & Management shall monitor compliance.		
TR-37. Upon completion of construction documents, the Public Safety Department shall complete a parking, pedestrian, circulation and signage plan to address direct and indirect public safety needs for parking on campus during the construction period. For each major project, the changing parking demands created by construction, increased student enrollments and new building locations shall be addressed. Facilities Planning & Management shall ensure compliance.	Ongoing provision for maintaining adequate parking during construction periods.	Facilities Planning & Management
TR-38. During the preparation of campus grading, landscape and street improvement plans, the sight distance at each project access on campus shall be reviewed with respect to Caltrans standards. Facilities Planning & Management shall monitor compliance.	Provision for sight distances for public safety on campus near construction sites.	Facilities Planning & Management
TR-39. Onsite traffic signing and striping shall be implemented in conjunction with detailed construction plans for the project. Facilities Planning & Management shall monitor compliance.	Provision for required onsite traffic signs and striping.	Facilities Planning & Management
TR-40. The <i>Master Facilities Transportation Plan</i> shall be updated and shall specify all revisions and additions to parking areas, parking controls, public bus stops, private shuttle operations, shuttle stops and signage within the campus needed for buildout of the 2015 Facility Master Plan Update. All recommendations of the approved transportation plan shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Provision for adequate transportation facilities and services for buildout of the 2015 Facility Master Plan Update.	Facilities Planning & Management
TR-41 to TR-51 are requirements for public transit impacts		
TR-41. The Bursar Office at Mt. San Antonio College shall participate in the Metrolink College Student Discount Pass Program. Registration materials for each term shall inform student of its availability. Auxiliary Services shall monitor compliance.	Ongoing provision for bus passes for campus students.	Auxiliary Services
TR-42. Schedule/fee information for Foothill Transit (including the Go Pass), Metrolink and the County of Los Angeles Metropolitan Transit Authority shall be made available for students for each semester. Auxiliary Services shall monitor compliance.	Ongoing provision for up to date information on area transportation services.	Auxiliary Services
TR-43. The Campus Master Plan Coordination Team (CMPCT) shall review the preliminary site plan for the Public Transportation Center and recommend any	Ongoing provision for adequate pedestrian paths and vehicular circulation near the Public Transit Center.	Facilities Planning & Management

changes needed in the Pedestrian Circulation and Vehicular Circulation exhibits in the 2015 Facility Master Plan Update to provide safe pedestrian paths, including Americans with Disability Act requirements for students to access the Public Transportation Center. Facilities Planning & Management shall ensure compliance.		
TR-44. The Student Senate shall be given an opportunity to review and comment on all campus public transit center projects prior to CMPCT final review. Facilities Planning & Management shall ensure compliance.	Provision for student comment on the Public Transit Center facilities and services.	Facilities Planning & Management
TR-45. The Mt. San Antonio College District shall complete a Memorandum of Understanding (MOU) with participating transit agencies for campus public transit center projects. The MOU shall specify all financial, legal, insurance, operation and maintenance responsibilities for each party. Facilities Planning & Management shall ensure compliance.	Provision for legal agreements for operation and funding of the Public Transit Center.	Facilities Planning & Management
TR-46. The District shall negotiate an agreement with additional transit agencies serving the campus to provide an unlimited bus pass for a fixed student transportation fee per semester by January 1, 2018. Facilities Planning & Management shall ensure compliance.	Complete required traffic improvements by 2018	Facilities Planning & Management
TR-47. The Executive Board of Associated Students shall be given an opportunity to review and comment on campus public transit center issues prior to CMPCT final review. Facilities Planning & Management shall ensure compliance.	Provide opportunities for student feedback on preliminary plans for the public transit center.	Facilities Planning & Management
TR-48. The College shall meet with Cal Poly to discuss a joint Cal Poly campus shuttle service by July 1, 2017. Facilities Planning & Management shall monitor compliance.	Explore opportunities for shuttle use between Mt. SAC and Cal Poly.	Facilities Planning & Management
TR-49 to TR-55 are requirements for other transportation issues		
TR-49. When traffic access is allowed (gate controlled) at the southside leg of the Temple Avenue and Lot F driveway, manual traffic control (campus or City provided traffic control personnel) shall be utilized. The Athletics Department and Facilities Planning & Management shall ensure compliance.	Provision for required traffic controls along Temple Avenue at the Lot F intersection during special events when the Lot F intersection is not signalized.	Athletic Department and Facilities Planning & Management

TR-50. All truck hauling from the borrow site to the West Parcel shall have radio-communication to assure that trucks do not create traffic congestion at area intersections, in the left-turn pocket at Grand Avenue and Temple Avenue and at the West Parcel driveway. In addition, haul trucks on the designated haul route shall be spaced to assure that trucks do not impede traffic flow along the haul route, (a) All construction hauling for the West Parcel project shall occur between the hours of 8:30 am to 4:30 pm Monday-Saturday to avoid the am and pm peak hour traffic along the haul route, (b) The hauling contractor shall maintain radio-communication with all trucks at all times, and have a designated person at the West Parcel and at the borrow site who can inform truck drivers at the borrow site if the spacing needs to be adjusted. All truck drivers shall be oriented to the hauling and communication procedures prior to initiating haul activities. The project manager shall monitor truck hauling to assure spacing requirements and hauling activities do not exceed the requirements, (c) Truck haul drivers shall be instructed to maintain proper spacing along the entire return route from the West Parcel to the borrow site. When needed, the drivers should be in radio-communication along the return route to prevent congestion. However, visual contract between trucks may be sufficient to provide spacing without a lot of radio communication on the return haul route and; (d) For 95% of the time, driver, drivers shall maintain a minimum of 80 feet separation between trucks on the return route from the West Parcel to the borrow site on roadway links. This restriction does not apply to intersections, which signalization may cause delays. Facilities Planning & Management shall monitor compliance.	Assure pedestrian and vehicular safety during truck hauling activities for the West Parcel Solar project.	Facilities Planning & Management
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TR-51. Programming for the Auditorium should establish if an adjacent Parking Structure is desirable in Lot B within six months of certification of the Final EIR. A site specific study is required for the Auditorium and/or an adjacent parking structure. Facilities Planning & Management shall ensure compliance.	Explore advance planning needs for an additional parking structure near the Auditorium.	Facilities Planning & Management
TR-52. The City of Walnut shall consider restricting left-turn movements eastbound along Amar Road east of Country Hollow during the am peak hour, implementation of a resident parking program or restrictions on street parking during certain hours, to minimize student-related traffic in the adjacent neighborhoods west of Grand Avenue south of Collegewood Drive. The Public Works Department of the City of Walnut shall monitor compliance.	Provision for required vehicle turning movement restrictions for vehicular safety.	City of Walnut
TR-53. Truck hauling for Phase 2 grading of the PEP site shall be limited to 8 hours a day and a maximum of 18 trucks per hour. Facilities Planning & Management shall ensure compliance.	Truck hauling for PEP (Phase 1, 2)	Facilities Planning & Management
TR-54. When a site plan is completed, a site specific analysis shall be completed for the Public Transit Center. All recommendations of the traffic analysis shall be completed and the project coordinated with the college, the City of Walnut, the Foothill Transit Agency and if required, the County of Los Angeles Metro Transit Authority. Facilities Planning & Management shall ensure compliance.		
TR-55. The Public Safety Department shall update their evacuation plans for an extreme emergency by January 1, 2017. The updated emergency evacuation plan shall refine the preliminary plan included in the Final EIR and distribute vehicular traffic from campus lots to Grand Avenue and Temple Avenue in the most efficient and safe manner as possible. Public safety officers shall be deployed to pre-assigned locations and tasks to direct vehicular traffic in pre-determined directions defined in the plan. Facilities Planning & Management shall ensure compliance.	Update emergency evacuation plans for immediate campus evacuation of all parked vehicles.	Facilities Planning & Management
TR-56. For hauling operations of more than 15 trucks per hour and more than 100,000 cubic yards, a Truck Haul Plan (THP) approved by the Director of Facilities Planning & Management, shall be implemented. The THP shall consider traffic counts, haul routes, hours/days of hauling, avoidance of peak hours, intersection geometrics, access/egress constraints,	Minimizing traffic impacts from truck hauling.	Facilities Planning & Management

truck load capacity, and pieces of construction equipment on-site and shall specify requirements to minimize traffic and pedestrian congestion on-campus and off-campus. The THP shall be required in all applicable construction logistics plans. If necessary, all haul trucks shall utilize radio communication to improve traffic flow and minimize congestion. Light duty trucks with a weight of no more than 8,500 pounds are exempted from a THP. Facilities Planning & Management shall ensure compliance.		
TR-57. Beginning in 2015, whenever a traffic/parking study for a Facilities Master Plan has not been completed in five (5) years, a new parking study shall be completed. The parking study shall specify the total parking supply required and a timeframe for providing the required number of campus parking spaces. Facilities Planning & Management shall ensure compliance.	Providing ample parking supply when enrollment changes.	Facilities Planning & Management
TR-58. The Public Safety Department shall update their evacuation plans for an extreme emergency by January 1, 2017. The updated emergency evacuation plan shall refine the preliminary plan included in the Final EIR and distribute vehicular traffic from campus lots to Grand Avenue and Temple Avenue in the most efficient and safe manner as possible. Public safety officers shall be deployed to pre-assigned locations and tasks to direct vehicular traffic in pre-determined directions defined in the plan. Facilities Planning & Management shall ensure compliance.	Having a current plan for minimizing the time required to evacuate vehicles and personnel away from campus in an emergency evacuation.	Facilities Planning & Management
15. Utilities/Service Systems		
SS-01: Within six months of certification of the Final EIR, the Utilities Master Infrastructure Plan shall be updated to accommodate the projected 2019 – 2020 student enrollment and the facilities included in the buildout of the Facilities Master Plan Update in 2020. Facilities Planning & Management shall monitor compliance.	Resolution of phasing issues related to infrastructure, new facilities and student enrollment increases.	Facilities Planning & Management
SS-02. The <i>Master Facilities Infrastructure Plan</i> shall be revised for buildout of the 2015 Facility Master Plan Update. The plan shall specify all revisions and additions to water lines from Three Valleys Municipal	Ongoing provision for ample water supplies on campus.	Facilities Planning & Management

Water District's PM-1 connector to the campus, and lines within the campus needed for buildout of the 2015 Facility Master Plan Update. All recommendations of the approved infrastructure plan shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.		
SS-03. The college shall obtain permits and water commitments required by the Three Valleys Municipal Water District for water service to all projects. These requirements shall be included I construction contracts. TVMWD has requested advance notification whenever demand may increase by more than 50 percent so future planning may be completed. Facilities Planning & Management shall monitor compliance.	Ongoing provision for ample water supplies on campus.	Facilities Planning & Management
SS-04. The <i>Master Facilities Infrastructure Plan</i> shall be updated and shall specify all revisions and additions to sewer lines within the campus needed for buildout of the 2015 Facility Master Plan Update. All recommendations of the approved infrastructure plan shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing provision for adequate sewer line capacity on campus.	Facilities Planning & Management
SS-05. The <i>Master Facilities Infrastructure Plan</i> shall be updated and shall specify all revisions and additions to the electrical distribution system within the campus needed for buildout of the 2015 Facility Master Plan Update. All recommendations of the approved infrastructure plan shall be included in construction contracts and implemented. Facilities Planning	Provision for adequate electrical system for buildout of the 2015 Facility Master Plan Update.	Facilities Planning & Management
SS-06. For each project, the college shall obtain all approval(s) required by Southern California Edison for electrical service. These requirements shall be included in construction contracts for each project. Facilities Planning & Management shall monitor compliance.	Ongoing provision for electrical service for new projects from SCE.	Facilities Planning & Management
SS-07. For each project, the college shall obtain all permits required by the Southern California Gas Company for natural gas service. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management shall monitor compliance.	Ongoing provision for natural gas service for new projects from SCG.	Facilities Planning & Management
SS-08. The <i>Master Facilities Infrastructure Plan</i> shall be updated and shall specify all revisions and additions to solid waste collection systems, storage and transfer within the campus needed for buildout of the 2015 Facility Master Plan Update. All recommendations of the approved infrastructure plan shall be included in construction contracts and implemented. (Contracts with	Provision for adequate solid waste facilities on campus for buildout of the 2015 Facility Master Plan Update.	Facilities Planning & Management

independent trash haulers are not included in these requirements). Facilities Planning & Management shall monitor compliance.		
Source: SID LINDMARK, AICP, May 4, 2016		
19. Emergency Communication Tower		
23. Water Tower/Irrigation Water		
Renovations		
Library/Learning Technology Center		
Bookstore/DHH		
Humanities Social Science North		
Humanities Social Science East		
Future Projects		
Library/Campus Center (a)		
Laboratory Building Expansion (G)		
Future Program Zones		
Adult Education Zone 2		
Auditorium Zone 3		
Instructional Building Zone 4		
Instructional Building Zone 5		

