Cargo Hangar at Fresno Yosemite International Airport

Civil and Geomatics Engineering

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Abstract



Shallow foundation for the hangar designed to resist bearing capacity and prevent shear failure. The figure to the right has an additional key beneath the foundation designed primarily to resist failure due to lateral translation and overturning.





Combined footing for the elevated water tank is designed to resist the gravity loads from the bracing of the tank. Group pile system foundations for the hangar designed to prevent failure due to uplift forces.



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Structural Design

FRESNISSTATE Lyles College of Engineering

Transportation Design

The water main on East Airways Boulevard will supply the source of water leading to the new network containing 1 pump, 1 tank, 9 new pipelines,



Aircraft Ramp Pavement



Aircraft Taxiway Pavement

infiltration of water into the soil. The overflow structure is a precaution measure to ensure the bioswale does not

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