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NEW UNITED STATES COURTHOUSE - LOS ANGELES, CA

March 2014

The physical appearance of the site has changed to reflect the progress made for the upcoming placement of the Mat Foundation scheduled for March. The varying depths between 3' and 6' for the foundation to accommodate the building loads are reflected in the excavation and grading that completed in February and are now being covered with a Vapor Barrier to remove the possibility of infiltration of any soil gases and moisture. As seen in the photos the site is turning a bright "yellow". But don't fret; it will soon be a nice concrete grey. There has already been some concrete placed for the start of the "mud slab" that will protect the vapor barrier and provide a clean and safe work surface for the placement of reinforcing steel for the foundation. More on the rebar effort next month.

A major activity that completed this past month was the placement and grading of the Load Transition Layer (LTL) which, as explained previously, will support the Mat Foundation. This was placed to achieve the varying foundation depths mentioned above. Following this LTL work was the trenching and installation of the deep sewer and storm water plumbing lines and the installation of the underground electrical ductbanks for the power distribution from the Main Electrical Room to the Generator and Fire Pump Rooms. These plumbing lines and electrical ductbanks have been encased in concrete to maintain the structural integrity of the LTL. The rods for the building electrical grounding system were also installed this period.

The design effort is continuing with development of the Mechanical and Electrical Systems with input from the Tenants as to their requirements and expectations. Coordination will be very critical throughout this phase and as the design moves into the development of the Construction Documents. The design up to this phase has been a little "fluid" and changing. However, as we move forward, the design is locked down and will get more detailed and defined.



Start of Mud Slab Installation



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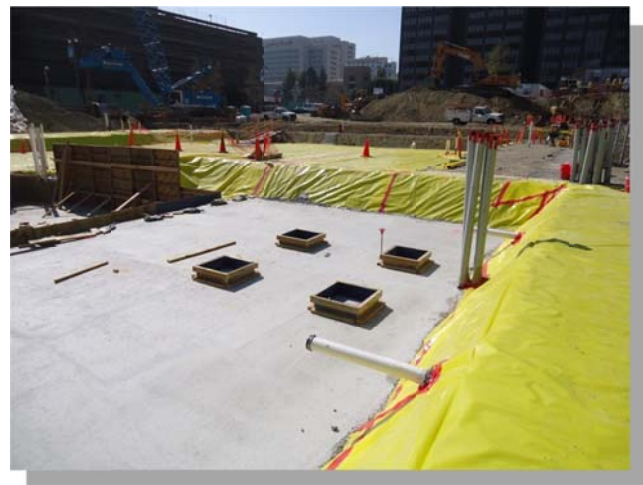
March 2014

Design & Construction Activities Completed this Period

- ✓ The Mechanical, Electrical, and Plumbing (MEP) drawings were issued 27 FEB to Complete Document Package 06
- ✓ Performance Mockup of the Curtainwall Assembly was tested successfully on the 4th and 5th of February
- ✓ The construction of the Load Transition Layer (LTL) completed and permitted the start of the Vapor Barrier installation
- ✓ The underground plumbing and electrical beneath the LTL completed this period
- ✓ Placement of the “mud slab” commenced at the public elevator pits and across the LTL for Mat Foundation Pour #01

Activities for Next Period

- Commence reinforcement installation for Mat Pour #01 the week of March 3rd
- Issue Document Package 07 for the Final Structural Design through Level 1 on March 7th
- Set the base section for the Tower Crane the week of March 17th
- Place first portion of the Mat Foundation on March 29th



Pads for the Tower Crane



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Project Milestones

- ◆ Commence installation of Reinforcement Steel – 03 March
- ◆ Start Installation of Drilled Piers along Hill Street – 05 March
- ◆ Set first section of Tower Crane – 18 March
- ◆ Start Shotcrete (Concrete) Foundation Walls – 28 March
- ◆ Placement of the First Section of Mat Foundation – 29 March
- ◆ Mud Slab for Area #2 Mat Foundation – 01 April
- ◆ Start Reinforcement Steel for Mat Foundation #2 – 02 April

Sustainability Features : Plug Load Study

More than 25% of consumed building energy comes directly from equipment and appliances plugged into wall receptacles. Many of these devices continue to use electricity even when not in use. At The New Los Angeles Federal Courthouse we are looking to eliminate "vampire" energy losses. By actually controlling the wall outlets we can save a projected 1.78 EUI (Energy Use Intensity) resulting in lower utility bills and a reduced carbon footprint! A group of energy conscience volunteers at Edward R. Roybal and Spring Street Courthouses have agreed to try out the programmable plug-strips. We have installed 40 strips each with 4 receptacles. The strips not only control energy, they track the use of each strip. We are able to access and view power information 24/7 via internet. As of July 1, 2014 the State of California will adopt into the energy code stringent control of plug load for commercial buildings. The New Los Angeles Courthouse is leading the way with an early trial of this new technology. The Design Team at the new LA Federal Court sees tremendous opportunity to further reduce consumption and save valuable resources by implementing these strips into the infrastructure of the new courthouse.



General Site Overview

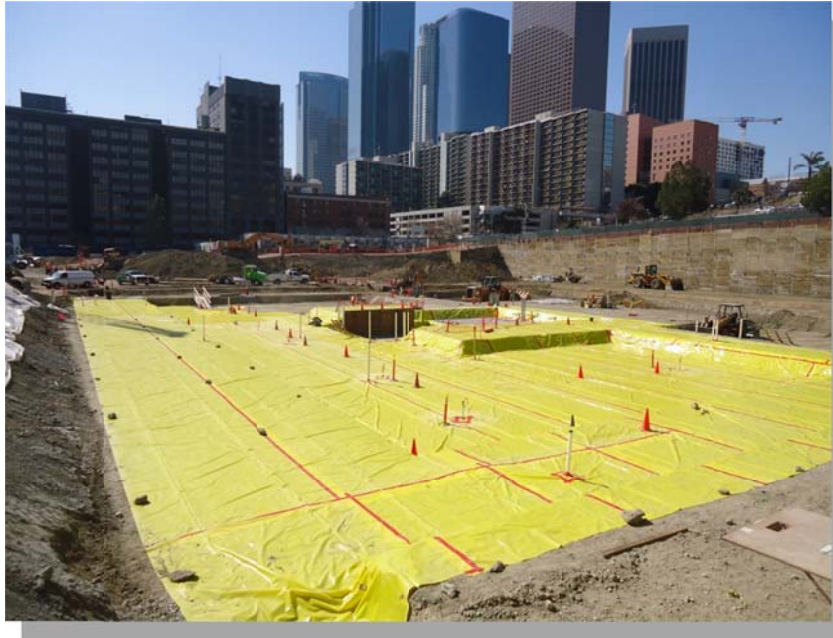


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Project Photos:

General View of Vapor Barrier



General Site Overview





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Project Photos:



Underground Electrical Conduit



Underground Wastewater Line