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201 NORTH FIGUEROA STREET  
LOS ANGELES, CA 90012

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SUPERINTENDENT OF BUILDING

JOHN WEIGHT  
EXECUTIVE OFFICER

## SOILS REPORT APPROVAL LETTER

February 8, 2022

LOG # 120292  
SOILS/GEOLOGY FILE - 2

City of Los Angeles - Department of Public Works  
1149 S. Broadway, Suite 120  
Los Angeles, CA 90015

TRACT: H. M. AME'S SUBDIVISION OF THE GLASSELL TRACT (M R 23-73)  
BLOCK: 9  
LOT(S): 2-14  
LOCATION: 2601 E 25TH ST

<u>CURRENT REFERENCE</u>	<u>REPORT</u>	<u>DATE OF</u>	<u>PREPARED BY</u>
<u>REPORT/LETTER(S)</u>	<u>No.</u>	<u>DOCUMENT</u>	
Soils Report	E1908771	12/09/2021	GED

The Grading Division of the Department of Building and Safety has reviewed the referenced report that provides recommendations for the proposed large canopy structure, a single-story office building, a truck scale, and pavements and non-structural improvements. The earth materials at the subsurface exploration locations consist of up to 13.5 feet of uncertified fill underlain by sand with silt and gravel.

The consultants recommend to support the proposed structures on conventional and/or mat-type foundations bearing on compacted fill underlain by competent native soils.

The referenced report is acceptable, provided the following conditions are complied with during site development:

(Note: Numbers in parenthesis ( ) refer to applicable sections of the 2020 City of LA Building Code. P/BC numbers refer the applicable Information Bulletin. Information Bulletins can be accessed on the internet at LADBS.ORG.)

1. The soils engineer shall review and approve the detailed plans prior to issuance of any permit. This approval shall be by signature on the plans that clearly indicates the soils engineer has reviewed the plans prepared by the design engineer; and, that the plans included the recommendations contained in their reports (7006.1).
2. All recommendations of the report that are in addition to or more restrictive than the conditions contained herein shall be incorporated into the plans.

3. A copy of the subject and appropriate referenced reports and this approval letter shall be attached to the District Office and field set of plans (7006.1). Submit one copy of the above reports to the Building Department Plan Checker prior to issuance of the permit.
4. A grading permit shall be obtained for all structural fill and retaining wall backfill (106.1.2).
5. All man-made fill shall be compacted to a minimum 90 percent of the maximum dry density of the fill material per the latest version of ASTM D 1557. Where cohesionless soil having less than 15 percent finer than 0.005 millimeters is used for fill, it shall be compacted to a minimum of 95 percent relative compaction based on maximum dry density. Placement of gravel in lieu of compacted fill is only allowed if complying with LAMC Section 91.7011.3.
6. If import soils are used, no footings shall be poured until the soils engineer has submitted a compaction report containing in-place shear test data and settlement data to the Grading Division of the Department; and, obtained approval (7008.2).
7. Compacted fill shall extend beyond the footings a minimum distance equal to the depth of the fill below the bottom of footings (7011.3).
8. Existing uncertified fill shall not be used for support of footings, concrete slabs or new fill (1809.2, 7011.3).
9. Drainage in conformance with the provisions of the Code shall be maintained during and subsequent to construction (7013.12).
10. The applicant is advised that the approval of this report does not waive the requirements for excavations contained in the General Safety Orders of the California Department of Industrial Relations (3301.1).
11. Temporary excavations that remove lateral support to the public way, adjacent property, or adjacent structures shall be supported by shoring. Note: Lateral support shall be considered to be removed when the excavation extends below a plane projected downward at an angle of 45 degrees from the bottom of a footing of an existing structure, from the edge of the public way or an adjacent property. (3307.3.1)
12. Prior to the issuance of any permit that authorizes an excavation where the excavation is to be of a greater depth than are the walls or foundation of any adjoining building or structure and located closer to the property line than the depth of the excavation, the owner of the subject site shall provide the Department with evidence that the adjacent property owner has been given a 30-day written notice of such intent to make an excavation (3307.1).
13. Unsurcharged temporary excavation may be cut vertical up to 4 feet. Excavations over 4 feet shall be trimmed back at a uniform gradient not exceeding 1.5(H):1(V), from top to bottom of excavation, as recommended.
14. All foundations shall derive entire support from compacted fill underlain by competent native soils, as recommended and shall be approved by the geologist and soils engineer by inspection.

15. The soils engineer shall review and approve the shoring and/or underpinning plans prior to issuance of the permit (3307.3.2).
16. Shoring shall be designed for the lateral earth pressures specified in the section titled "Temporary Shoring" starting on page 9 of the referenced report; all surcharge loads shall be included into the design.
17. Shoring shall be designed for a maximum lateral deflection of 1 inch, provided there are no structures within a 1:1 plane projected up from the base of the excavation. Where a structure is within a 1:1 plane projected up from the base of the excavation, shoring shall be designed for a maximum lateral deflection of ½ inch, or to a lower deflection determined by the consultant that does not present any potential hazard to the adjacent structure.
18. A shoring monitoring program shall be implemented to the satisfaction of the soils engineer.
19. Footings supported on approved compacted fill or expansive soil shall be reinforced with a minimum of four (4), ½-inch diameter (#4) deformed reinforcing bars. Two (2) bars shall be placed near the bottom and two (2) bars placed near the top of the footing.
20. Slabs placed on approved compacted fill shall be at least 3½ inches thick and shall be reinforced with ½-inch diameter (#4) reinforcing bars spaced a maximum of 16 inches on center each way.
21. The seismic design shall be based on a Site Class D, as recommended. All other seismic design parameters shall be reviewed by LADBS building plan check.
22. All roof, pad and deck drainage shall be conducted to the street in an acceptable manner in non-erosive devices or other approved location in a manner that is acceptable to the LADBS and the Department of Public Works (7013.10).
23. All concentrated drainage shall be conducted in an approved device and disposed of in a manner approved by the LADBS (7013.10).
24. The soils engineer shall inspect all excavations to determine that conditions anticipated in the report have been encountered and to provide recommendations for the correction of hazards found during grading (7008, 1705.6 & 1705.8).
25. Prior to pouring concrete, a representative of the consulting soils engineer shall inspect and approve the footing excavations. The representative shall post a notice on the job site for the LADBS Inspector and the Contractor stating that the work inspected meets the conditions of the report. No concrete shall be poured until the LADBS Inspector has also inspected and approved the footing excavations. A written certification to this effect shall be filed with the Grading Division of the Department upon completion of the work. (108.9 & 7008.2)
26. Prior to excavation an initial inspection shall be called with the LADBS Inspector. During the initial inspection, the sequence of construction; [shoring; ABC slot cuts; underpinning; pile installation;] protection fences; and, dust and traffic control will be scheduled (108.9.1).

27. Prior to the placing of compacted fill, a representative of the soils engineer shall inspect and approve the bottom excavations. The representative shall post a notice on the job site for the LADBS Inspector and the Contractor stating that the soil inspected meets the conditions of the report. No fill shall be placed until the LADBS Inspector has also inspected and approved the bottom excavations. A written certification to this effect shall be included in the final compaction report filed with the Grading Division of the Department. All fill shall be placed under the inspection and approval of the soils engineer. A compaction report together with the approved soil report and Department approval letter shall be submitted to the Grading Division of the Department upon completion of the compaction. In addition, an Engineer's Certificate of Compliance with the legal description as indicated in the grading permit and the permit number shall be included (7011.3).
28. No footing/slab shall be poured until the compaction report is submitted and approved by the Grading Division of the Department.



YING-LIU  
Geotechnical Engineer II

Log No. 120292  
213-482-0480

cc: GED, Project Consultant  
LA District Office



Los Angeles Dept of Building and Safety  
201 N. Figueroa St., 4th Floor  
Los Angeles, CA 90012

Reference Number: 2022019001-50  
Date/Time: 01/19/2022 10:40:32 AM PST

User ID: rrodriguez

GRADING REPORT  
2022019001-50-1  
PCIS Number: NA  
Job Address: 2601 E. 25th St.  
Owners Name: City of LA, Dept. of General  
Services, Asset Mgmt  
GRADING REPORT \$363.00  
SYSTEMS DEV SURCH \$21.78  
GEN PLAN MAINT SURCH \$25.41  
DEV SERV CENTER SURCH \$10.89  
CITY PLAN SURCH \$21.78  
MISC OTHER \$10.00  
Total: \$452.86

LADBS IDD  
2022019001-50-2  
Comments: Easton Forcier 213-847-0476  
LADBS IDD PAYMENT  
Document Dept Code: 50  
IDD Document ID: ID212981006  
Available Amount: 50000.00  
Amount Applied: -452.86  
Amount: (\$452.86)  
Total: (\$452.86)

2 ITEMS TOTAL: \$0.00  
TOTAL: \$0.00  
Total Received: \$0.00

