NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing

Date 1-17-2009

Address N. of Francisco st. Between Harbergate Wy & Normandie Ave Los Angeles, Calif.

Project Number ~~[illegible]~~ 5936-96

Observation of import and grading operations for south side of lot 8. All saturated/loose soils from recent rains were removed to competent material and the exposed bottom was processed with a few loads of import material. The import and grading operations will be continued tomorrow.

Accepted by

NorCal Representative

Javier Sanchez

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing Date 1-04-2002

Address N. Of Francisco St. Between Harbergate Way & Normandie Av Project Number 5936-96

Los Angeles, Calif.

Tested subgrade compaction for the east ± 200 feet of proposed knox street. All tests taken resulted in 90% or above of the laboratory standard, however a few wet subgrade spots were noted throughout street subgrade, these wet areas will be removed and will be replaced with base material. The base material will be tested to a minimum of 95% relative compaction on Tuesday 1-08-2002.

Accepted by

NorCal Representative

Javier Sanchez

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing Date 1-16-2002

Address N. of Francisco st. Between Harborgate Way & Normandie Project Number S936-96

Los Angeles, Calif.

Observation and testing of base material compaction for sidewalk areas along south side of knox street from Harborgate Way to Sta 1+40 and from station 10+00 to east end of street. All tests taken resulted in 90% or above of the laboratory standard, as required by City of Los Angeles.

Carlos Rojo

Accepted by

NorCal Representative

Javier Sanchez

NORCAL ENGINEERING
SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing

Date 1-15-2002

Address N. of Francisco st Between Harbogate Way & Normandie Ave

Project Number 5936-96

Los Angeles, Calif.

Inspected and tested subgrade compaction for sidewalk areas at south of knox street from Harbogate Way to ± station 1+40 and from station ±10+00 to east end of street. All subgrade tests resulted in 90% or above of the laboratory standard and is suitable for placement of base material. The base material will be tested tomorrow.

Accepted by

NorCal Representative

Javier Sanchez

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing Date 1-18-2002

Address N. Of Francisco St. Between Harbogate Way & Normandie Ave Project Number 5936-96

Los Angeles, Calif.

Observation and testing of continued import and grading operations for lot number 8. All the grading done today with approved import material was observed and approved by this firm, all compaction tests taken today resulted in 90% or above of the laboratory standard. The import and grading operations will be continued Monday 1-21-2002.

Accepted by

NorCal Representative

Javier Sanchez

NORCAL ENGINEERING
SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing Date 1-21-2002

Address N-of Francisco stret Between Harborgate Wy & Normandie Project Number 5936-96

Los Angeles, Calif.

Observation and testing of continued import and grading operation for lot 8. All grading done today was observed by this firm and all compaction tests taken resulted in 90% or above of the laboratory standard. The import and grading operations will be continued tomorrow.

Accepted by

NorCal Representative

Javier Sánchez

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

Field Observation Memo

10641 HUMBOLT STREET
LOS ALAMITOS, CALIFORNIA 90720
PHONE 562.799.9469 • FAX 562.799.9459

Project Boeing Date 1-22-2002

Address N. Of Francisco St. Between Harborgate Wy & Normandie Ave Project Number 5936-96

Los Angeles, Calif.

Import and grading operations for lot 8 were cancelled for today to be continued at a later date. No testing or approvals were performed at this time.

Accepted by

NorCal Representative

Javier Sanchez