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 9-7-01

Address N. FRANCISCO BETWEEN NORMANDIE AND HARBOR GATEWAY LA. Project Number 5936-96

OBSERVED AND TESTED GRADING OPERATIONS AT ABOVE ADDRESS. TESTS RESULTED IN 90% OR BETTER RELATIVE COMPACTION. ABANDOND UTILITIES AND CONCRETE DEBRIS ARE ADEQUATELY REMOVED FROM FILL SOILS.

Accepted by

NorCal Representative

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 9-6-01

Address N- FRANCISCO BETWEEN NORMANDIE AND HARBOR GATE WAY 2A.

Project Number 5936-96

OBSERVED AND TESTED GRADING OPERATIONS AT ABOVE ADDRESS. SAMPLE OF BASE MATERIAL FOR KNOX ST. CURB AND GUTTER TAKEN FOR LABORATORY ANALYSIS. TESTS RESULTED IN 90% OR BETTER RELATIVE COMPACTION.

Accepted by

NorCal Representative

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 9-4-01

Address N. FRANCISCA BETWEEN NORMANDO AND HARBOR GATE WAY LA. Project Number 5936-96

OBSERVED AND TESTED GRADING OPERATIONS AND KNOX ST CURB AND GUTTER SUBGRADE, AT ABOVE ADDRESS. TESTS RESULTED IN 90% OR BETTER RELATIVE COMPACTION. ABANDOND UTILITIES AND CONCRETE DEBRIS

Accepted by Carlos Reyes NorCal Representative

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 9-5-01

Address N- FRANCISCO BETWEEN NORMANDIE AND HARBOR GATE WAY LA.

Project Number 5936-96

OBSERVED AND TESTED GRADING OPERATIONS AT ABOVE ADDRESS. IMPORT SOILS SAMPLE TAKEN FOR LABORATORY ANALYSIS. TESTS RESULTED IN 90% OR BETTER RELATIVE COMPACTION.

Accepted by

NorCal Representative

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 8-31-01

Address N- FRANCISCO BETWEEN NORMANDIE AND HARBOR GATE WAY LA. Project Number 5936-96

OBSERVED AND TESTED GRADING OPERATIONS AND KNOX ST. CURB AND GUTTER AT ABOVE ADDRESS. TESTS RESULTED IN 90% OR BETTER RELATIVE COMPACTION.

Accepted by

NorCal Representative

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 8-30-01

Address N. FRANCISCO BETWEEN NORMANDIE AND HARBOR GATE WAY LA. Project Number 5936-96

OBSERVED AND TESTED NE KNOX ST UTILITY TRENCH BACK FILL AND GRADING OPERATIONS AT ABOVE ADDRESS. TESTS RESULTED IN 90% OR BETTER RELATIVE COMPACTION.

Accepted by

NorCal Representative

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 8-29-2001

Address N. Of Francisco st. Between Harborgate Way & Normandie Ave Project Number 5936-96

Los Angeles, Calif.

Observation and testing of continued site grading operations at the above location. All construction debris, under ground structures and abandoned utility ~~pipes~~ ~~[illegible]~~ pipes encountered today during grading operations were removed from the fill areas as directed by this firm. All compaction tests taken today resulted in 90% or above of the laboratory standard. The grading operations will be continued tomorrow.

Accepted by

NorCal Representative

Javier Sanchez

WASHING
LA

LD 3
#6 & ATT. BLDG

22
40
13
20 A

BLDG 5