

GENERAL NOTES

ALL WORK SHALL CONFORM TO THE 1997 UNIFORM BUILDING CODE, INCLUDING ALL THE REVISIONS AND AS ADOPTED BY THE LOCAL BUILDING CODES AND ORDINANCES.

ALL DIMENSIONS RELATING TO THE EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWINGS. DIMENSIONS FOR BOLTS, BOLT CENTERS AND LOCATION IS PROVIDED FOR INFORMATION ONLY AND SHOULD BE VERIFIED BY THE EQUIPMENT SUPPLIER PRIOR TO INSTALLING AND POURING.

ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEER. WORK SHALL NOT BE COMMENCED UNTIL THE DISCREPANCIES ARE CLARIFIED AND THE REVISED DRAWINGS/INSTRUCTIONS ARE ISSUED BY THE ENGINEER.

JOB SITE REVIEW: THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST TWO DAYS PRIOR TO EACH OF THE FOLLOWING ITEMS SO THE ENGINEER MAY MAKE AN APPROPRIATE JOB SITE REVIEW IF AUTHORIZED BY THE OWNER.:

- PRIOR TO POURING ANY STRUCTURAL CONCRETE SUCH AS FOUNDATION AND RETAINING WALLS FOR DESIGNED STEEL REINFORCING AND ANCHOR BOLT REVIEW.

SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ALL THE ENGINEERING OF TEMPORARY SHORING, ADDITIONAL REINFORCING, BRACING, FORMWORK, SCAFFOLDING, ERECTION METHODS AND RELATED CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY, AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEW OF THESE CONDITIONS. THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.

FOUNDATION

ALL SITE WORK AND GRADING, DRAINAGE SYSTEMS, FOUNDATIONS AND OTHER SOIL CONSIDERATIONS SHALL CONFORM TO THE RECOMMENDATION OF CHAPTER 29 OF UBC.

CONCRETE WORK SHALL CONFORM TO "ACI MANUAL OF CONCRETE PRACTICE", SPECIFICALLY "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 301 INCLUDING LATEST EDITIONS. CONTRACTOR SHALL SUBMIT HIS PROPOSED METHOD OF CURING OF CONCRETE FOR REVIEW.

CONCRETE FOR **POURED IN PLACE** FOUNDATIONS AND RETAINING WALLS SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF **3,000** PSI IN 28 DAYS. MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AT LEAST TWO WEEKS PRIOR TO POURING CONCRETE. CONCRETE SLUMP SHALL BE 4.0" MAXIMUM. THE SLUMP SHALL BE DETERMINED BY ASTM C143.

CONCRETE FOR **PRECAST** RETAINING WALLS SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF **4,000** PSI IN 28 DAYS. MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AT LEAST TWO WEEKS PRIOR TO POURING CONCRETE. CONCRETE SLUMP SHALL BE 3.0" MAXIMUM. THE SLUMP SHALL BE DETERMINED BY ASTM C143.

SPECIAL INSPECTION SHALL BE PROVIDED PER SECTION 305 OF UBC.

REINFORCING STEEL SHALL BE DEFORMED BILLET STEEL, CONFORMING TO ASTM A615-82, GRADE 40, SPECIFICATION FOR #4 AND SMALLER AND ASTM A516-82, GRADE 60, SPECIFICATION FOR #5 AND LARGER. BARS SHALL BE CONTINUOUS AROUND CORNERS AND LAPPED MINIMUM 24" OR 32 DIAMETERS FOR GRADE 40 BARS, AND 48 DIAMETERS FOR GRADE 60 BARS UNLESS OTHERWISE SHOWN. LAPS SHALL BE STAGGERED. FIELD BENDING OF REINFORCING BARS SHALL BE AVOIDED AS FAR AS POSSIBLE. ONLY "COLD BENDING" OF BARS IS PERMITTED AS APPROVED BY THE ENGINEER. SUBMIT SHOP DRAWINGS AND MILL CERTIFICATES TO TO ENGINEER FOR REVIEW PRIOR TO FABRICATION.

COVER FOR REINFORCEMENT SHALL BE 3" CLEAR FOR ALL CONCRETE POURED AGAINST AND/OR EXPOSED TO EARTH AND 2" CLEAR FOR ALL CONCRETE FORMED AGAINST EARTH UNLESS OTHERWISE SHOWN.

ALL BOLTS SHALL CONFORM TO ASTM A307 OR ASTM 1-36 UNLESS OTHERWISE NOTED.

ANCHOR BOLTS AND INSERTS SHALL BE RIGIDLY HELD IN PLACE PRIOR TO CONCRETING.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE SIGNED CITY OF OAKLAND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION IS AVAILABLE FOR PURCHASE FROM THE CONTRACT ADMINISTRATION DEPARTMENT.

CITY OF OAKLAND

DESIGN AND CONSTRUCTION SERVICES DEPARTMENT



SITWORK AND FOUNDATION
GENERAL NOTES

ELECTRICAL SERVICES MANAGER

DATE : OCT 95
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DRWG.

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