GENERAL NOTES

GENERAL

1. THE CONTRACTOR SHALL EXAMINE THE STRUCTURAL DRAWINGS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES HE AMY FIND BEOFRE PROCEEDING WITH THE WORK.
   DIMENSIONS SHOWN IN THE DRAWINGS WHICH RELATE TO EXISTING STRUCTURES ARE FOR ESTIMATING PRUPOSES ONLY. THESE DIMENSIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

2. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS.
   DIMENSIONS SHOWN RELATING TO EXISTING STRUCTURES WERE DETERMINED FROM ON SITE INSPECTIONS AND EXTRAPOLATION. EXISTING CONDITIONS MAY VARY CONSIDERABLY FROM DRAWINGS. WHERE DRAWINGS SHOW EXISTING STRUCTURE TO BE UTILIZED FOR SUPPORT OF NEW CONSTRUCTION. THE CONTRACTOR SHALL VERIFY TRUE CONDITIONS AND NOTIFY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION.

3. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER OF ANY CONDITION WHICH IN HIS OPINION MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS TO THE STRUCTURE.

4. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE LATEST EDITION OF THE UNIFORM BUILDING CODE, 1979, AND SUCH OTHER REGULATING AGENCIES EXERCISING AUTHORITY OVER ANY PORTION OF THE WORK.

5. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

6. THE CONTRACTOR SHALL SUPERVISE AND DIRECT HIS WORK AND HE SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. AS A PART OF HIS RESPONSIBILITY, THE GENERAL CONTRACTOR SHALL SUPERVISE ANY SCAFFODING FOR HIS WORKMEN AND SHORING OF FORMS AND ELEMENTS OF THE CONSTRUCTION AFFECTED BY HIS WORK. SHORING WILL BE REQUIRED AT VARIOUS LOCATIONS DURING CONSTRUCTION OF NEW SUPPORTS.

7. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE WORK SO INVOLVED.

CONCRETE

1. CONCRETE USED IN THE WORK SHALL HAVE 3000 P.S.I. MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT AGE 28 DAYS.

2. ALL CONCRETE SHALL BE STONE CONCRETE UTILIZING AGGREGATE CONFORMING TO A.S.T.M. C33. CEMENT SHALL BE TYPE V CONFORMING TO A.S.T.M. C150.

3. MINIMUM CONCRETE COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWS:

A.	CONCRETE AGAINST EARTH (UNFORMED)	3"
B.	CONCRETE AGAINST EARTH (FORMED)	2"
C.	CONCRETE SLAB	1"

4. BEFORE CONCRETE IS PLACED THE CONTRACTOR SHALL COORDINATE AND CHECK WITH ALL TRADES TO ENCSURE THE PROPER PLACEMENT OF ALL OPENINGS, SLEEVES, INSERTS, CURBS, DEPRESSIONS, ETC., RELATING TO THE WORK.

5. ALL CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED INDEPENDENT TESTING LABORATORY WHO SHALL SUBMIT COPIES OF THE DESIGN FOR APPROVAL, AND SHALL IN ADDITION SUBMIT COPIES OF 7 AND 28 DAY CYLINDER TEST RESULTS TO THE STRUCTURAL ENGINEER AND THE BUILDING DEPARTMENT, AND OBTAIN APPROVAL PRIOR TO USE.

6. CONSTRUCTION OR COLD JOINTS OTHER THAN THOSE SHOWN IN THE PLANS SHALL NOT BE MADE WITHOUT PRIOR APPROVAL BY THE STRUCTURAL ENGINEER.

REINFORCING STEEL

1. REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO A.S.T.M. A-615, GRADE 40. WELDED WIRE FABRIC SHALL BE MADE OF COLD DRAWN WIRE AND SHALL CONFORM TO A.S.T.M. A185.

2. ALL BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE, OR ANY MATERIAL WHICH MIGHT AFFECT ITS BOND TO CONCRETE.

3. ALL BAR BENDS SHALL BE MADE COLD: REBENDING OF BARS WILL NOT BE PERMITTED.

4. BENDING, PLACING, SPACING, CONCRETE PROTECTIVE COVER, SPLICING AND ALL OTHER DETAILS OF REINFORCEMENT SHALL CONFORM TO THE "BUILDING CODE REQUIREMENT FOR REINFORCED CONCRETE" A.C.I. 318, CHAPTER 7 AND THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" A.C.I. 315.

LUMBER

1. EACH PIECE OF STRUCTURAL LUMBER SHALL BE DOUGLAS FIR, GRADE STAMPED AS FOLLOWS BY A MEMBER OF THE W.W.P.A.:

STUDS AND BLOCKING	"STUD"
PURLINS AND SUB-PURLINS	NO. 1
BEAMS AND STRINGERS	DENSE NO. 1
COLUMNS AND POSTS	DENSE NO. 1

2. PLYWOOD SHALL BE DOUGLAS FIR, STRUCTURAL II, C-D, EXTERIOR TYPE.

3. DO NOT NOTCH BOTTOM OF JOISTS, RAFTERS, OR BEAMS EXCEPT SHERE SHOWN IN DETAILS. OBTAIN ENGINEERS APPROVAL FOR ANY HOLES THROUGH OR NOTCHES IN THE TOP OF HORIZONTAL MEMBERS.

4. DRILL BOLT HOLES 1/16" OVERSIZE. USE CUT WASHERS ON ALL BOLTS AND NUTS TO WCOD.

5. SILL PLATES SHALL BE 2 x (STUD WIDTH), TREATED DOUGLAS FIR, WITH 1/2" x 12" A.B. @ 4'-0" O.C. MAXIMUM 9" FROM EACH END SILL PLATE, EXCEPT AS OTHERWISE NOTED.

6. NAILING SCHEDULE: REFER TO SCHEDULE IN U.B.C.

GLUE LAMINATED MEMBERS

1. CONFORM WITH APPLICABLE CURRENT REQUIREMENTS OF U.B.C. STANDARDS FOR WEST COAST LUMBERMAN'S ASSOCIATION SPECIFICATIONS, WITH FABRICATION PERFORMED BY AN "APPROVED FABRICATOR" PER REQUIREMENTS OF GOVERNING CODE AND WITH WORK A.I.T.C. FACTORY INSPECTED, CERTIFIED AND GRADE STAMPED. INDUSTRIAL APPEARANCE GRADE, EXTERIOR ADHESIVE, 22F, E=1,800,000.

   A. SHOP DRAWINGS: PRIOR TO FABRICATION, PREPARE AND SUBMIT COMPLETE SHOP AND ERECTION DRAWINGS AND OBTAIN ENGINEER'S APPROVALS. (SEE SHOP DRAWING NOTE).

   B. STEEL AND HARDWARE FOR JOINING MEMBERS TO EACH OTHER AND TO THEIR SETTING PLATES AND OTHER ITEMS FIELD-WELDED TO STRUCTURAL STEEL SHALL RECEIVE ONE COAT OF RUST INHIBITIVE SHOP PAINT.

   C. MEMBERS SHALL BE SIZED TO DIMENSIONS SHOWN ON THE DRAWINGS WITH BEAMS CUT TO DEPTHS WITHIN AN ALLOWED TOLERANCE OF PLUS OR MINUS 1/8".

CONTRACT DRAWING
NOV 3 0 1982
AS BUILT

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
GEORGE A. BOUZIGUIAN
CIVIL STRUCTURAL
11-17-82

WEST SIDE SCHOOL — 80007
OLD SCHOOL RENOVATION — J.D.B.A.
FOR — F.C.C.
THE CITY OF LAS VEGAS, NEV. — G.A.B.

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