

GENERAL NOTES

BROWNING
 TYPICAL DETAILS AND GENERAL NOTES SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE DRAWINGS. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER PERMITTED WITHOUT THE PERMISSION OF THE ARCHITECT/ENGINEER.
 THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO MODIFY THE STANDARD DETAILS AND SPECIFICATIONS TO ACCOMMODATE THE CONDITIONS OF THIS PROJECT. THE ARCHITECT/ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE PROJECT.
 EXISTING CONDITIONS
 THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS THAT AFFECT THE WORK PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT TO THE ARCHITECT/ENGINEER.
 CONCRETE (INCLUDING SLABS ON GRADE)
 MIN. ULTIMATE COMPRESSIVE STRENGTH (28 DAYS): 2,500 PSI
 MAXIMUM SLUMP: 5 INCHES
 MIN. ELONGATION: 5.5 INCHES PER CUBIC YARD
 SEE SPECIFICATIONS FOR ALL DESIGN REQUIREMENTS.
 CONCRETE BLOCK
 SHALL BE GRADE N-1 OPEN-ENDED UNITS MADE WITH LIGHT-WEIGHT AGGREGATES AND SHALL CONFORM TO ASTM C-90. MINIMUM COMPRESSIVE STRENGTH (28 DAYS): 1,800 PSI
 SHALL BE FULLY CURED PRIOR TO USE.
 FILL ALL CELLS WITH GROUT USING 1:2:4 PORTLAND CEMENT LIME SAND MIXTURE. NO SPICES SHALL BE PERMITTED IN VERTICAL REINFORCING EXCEPT WHERE DETAILED ON THE DRAWINGS. 1 INCH MIN. GROUT SURROUNDING THE BOLT.
 SPECIAL INSPECTION REQUIRED
 SHALL BE DEPOSED BARS CONFORMING TO ASTM A615, GRADE 60 FOR #5 AND LARGER AND GRADE 40 FOR #4 AND SMALLER.
 CONTINUOUS BAR SPLICES: CONCRETE: 30 BAR DIAMETERS
 CONCRETE BLOCK: 40 BAR DIAMETERS
 CONCRETE COVER FOR REINFORCEMENT:
 FOUNDATIONS/AGAINST EARTH: 3 INCHES CLEAR
 FOUNDATIONS/AGAINST FORMS: 2 INCHES CLEAR
 BARS ON GRADE: 1 INCH CLEAR FROM CENTER
 MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 SHEETS, PLATES ETC.ASTM A36
 PIPE, CLAMS AND STRUTS: GRADE A, ASTM A53
 SHAPE AND REINFORCING TUBING: GRADE B, ASTM A500
 WELDING ELECTRODES: E60XX
 MACHINE BOLTS:ASTM A307
 FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE A.I.S.C. SPECIFICATION. WELDING SHALL BE DONE BY THE ELECTRIC SHIELDED ARC OR SUBMERGED ARC PROCESS. WELDERS SHALL BE QUALIFIED AND WORK DONE IN ACCORDANCE WITH THE A.I.S.C. STRUCTURAL WELDING CODE.
 SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT PRIOR TO FABRICATION. PAINTING: ALL STEEL NOT EMBEDDED IN CONCRETE SHALL BE PAINTED WITH AN APPROVED ANTI-RUST PRIMER AND A FINISH COAT OF PAINT. SPECIAL SPECIFICATIONS FOR SPECIAL REQUIREMENTS FOR EXPANDED (10 MEMBER) STEEL.
 WOOD
 FINISHING LUMBER SHALL BE DOUGLASS FIR GRADE MARKED:
 2X4 STUDS, BLDG. JOISTS, ... NO. 1
 2X4 STUDS, BLDG. JOISTS, ... NO. 2
 4X4 POSTS AND HEADERS, ... NO. 1
 4X4 AND LARGER BEAMS AND POSTS, ... NO. 1
 SILLING, PRESSURE TREATED D.F. OR HEH-FIR ... NO. 1
 PLYWOOD SHALL BE GRADE MARKED AS FOLLOWS:
 ROOF SHEATHING: ... STRUCTURAL I, CD
 FLOOR SHEATHING: ... STRUCTURAL I, CD
 AND NAILS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 STANDARD CUT WASHERS SHALL BE USED UNDER BOLT HEADS.
 NAILS SHALL BE 18 GA. OR 16 GA. W/18 IN. OR 16 IN. PENETRATION.
 NAILING SCHEDULE: USE NAILS DRIVEN PERPENDICULAR TO MEMBERS SHALL BE PERMITTED WHERE POSSIBLE.
 DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED.
 TO SPILL. USE MACHINE APPLIED VALVES ALWAYS.
 JOISTS OR RAFTERS TO STUDS OR BEARINGS: TENSILE
 EA SIDE: 2-10d
 STUDS TO BEARINGS: ENTAIL 2-10d
 BLOCKING BETWEEN JOISTS OR RAFTERS: EA SIDE: 2-10d
 TO JOIST OR RAFTER: TENSILE EA SIDE: 2-10d
 TO EA END: 2-10d
 TO STUD OR RAFTER: 2-10d
 CROSS BRACING BETWEEN PARTERS: TENSILE 2-8 d
 CEILING STRIPS TO UNDERSIDE RAFTERS FOR BEARING: PREDRILL WHERE STRIPS END TO SPILL.
 2X SHEDDING: 1 EA END, 1 EA SID.
 FLOOR STRIPS: 1X RIBBONS: 2-8 d
 RIBBONS TO STUDS: 2X RIBBONS: 2-10d
 DOUBLE TOP PLATES: TO TOP OF STUD, ENTAIL: 2-10d
 UPPER PL. TO LOWER PL., STIMBERED: 10d @ 8"
 UPPER PLATE TO LOWER PL.
 MULTIPLE STUDS (STIMBERED) 10d @ 8"
 BUILT-UP BEAMS
 10" OR LESS IN DEPTH, STIMBERED: 10d @ 8"
 16" OR MORE IN DEPTH, STIMBERED: 10d @ 8"
 FOUNDATION:
 SOIL TYPE: SILTY SAND
 MAXIMUM DESIGN BEARING PRESSURE: 1500 PSF
 ALL CONCRETE ANCHOR BOLTS OF THE EXPANSION TYPE SHALL HAVE THE BACKER APPLIED, AND SHALL HAVE 50 PERCENT OF THE BOLTS ALTERNATE AND BOLTS IN ANY GROUP ARRANGEMENT (FRAG TESTED IN TENSION) TO TAKE THE TENSILE LOAD. CONCRETE ANCHOR BOLTS MUST BE TESTED.
 SEE PRELIMINARY GEOTECHNICAL INVESTIGATION DATED JANUARY 12, 1989 BY KRANZ & ASSOCIATES, INC.
 SEE SITE DRAWING PLAN FOR EXPANSION & REINFORCEMENT REQUIREMENTS.

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BAKERSFIELD CITY SCHOOL DISTRICT
FRANKLIN ELEMENTARY SCHOOL
 MODERNIZATION
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT NO. 88-216RF

GENERAL NOTES

DATE: 2-10-89
 SHEET NO. 1 OF 3
 SHEETS



REVISIONS

DATE	BY	REVISION
2-10-89	ED CRESWELL	O.S.A. PLAN CHECK
1-5-89	ED CRESWELL	DESIGN

GENERAL NOTES
 AND TYPICAL DETAILS

BAKERSFIELD CITY SCHOOL DISTRICT
 BOARD OF EDUCATION

APPROVED: [Signature]
 DATE: [Blank]

