

GENERAL

- A. THE FOLLOWING NOTES APPLY TO ALL STRUCTURAL DRAWINGS... B. WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR PLAN NOTE IS SHOWN FOR ONE CONDITION... C. ALL DESIGN AND CONSTRUCTION IS BASED ON AND SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2012 EDITION WITH APPLICABLE GA STATE AMENDMENTS...

SPECIAL INSPECTIONS

- A. SPECIAL INSPECTIONS ARE REQUIRED IN ADDITION TO THE INSPECTIONS SPECIFIED IN SECTION 110 OF THE BUILDING CODE... B. ALL SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH DIVISION 01 SPECIFICATIONS.

CONCRETE

- A. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH DIVISION 03 SPECIFICATIONS... B. COORDINATE CONCRETE MIXTURES WITH THE SCHEDULE ON S1.2... C. THE GENERAL CONTRACTOR SHALL SUBMIT TO STRUCTURAL ENGINEER OF RECORD PROPOSED CONCRETE JOINT LOCATIONS FOR APPROVAL...

CONCRETE MIXTURES

Table with columns: APPLICATION, EXPOSURE, F'c (AT 28-DAYS UNO), MAXIMUM W/C, AIR CONTENT, NOMINAL MAXIMUM AGGREGATE SIZE (NOTE 4), MAXIMUM CONCRETE WEIGHT. Includes rows for SITE WALL FOOTINGS and SITE WALLS.

NOTES:

- 1. EXPOSURE CATEGORIES AND CLASSES FOR SULFATES, PERMEABILITY, AND CORROSION PROTECTION OF REINFORCEMENT IS CLASS ZERO UNLESS NOTED OTHERWISE... 2. WHERE NO MAXIMUM WATER/CEMENT RATIO IS NOTED FOR DURABILITY, PROPORTIONING OF WATER/CEMENT RATIO SHALL BE AS REQUIRED FOR SPECIFIED CONCRETE MIX DESIGN...

CLASS B TENSION LAP SPLICE LENGTHS (ACI 318, SECTION 12.2.2 AND 12.15)

Two tables for F'c = 3000 PSI and F'c = 4000 PSI showing bar size, top bars, and other bars for cases 1 and 2. Includes a diagram of a lap splice.

NOTES:

- 1. TABULATED VALUES ARE BASED ON MINIMUM YIELD STRENGTH OF 60 KSI. LENGTHS ARE IN INCHES... 2. CASE 1 AND CASE 2 DEPEND ON THE TYPE OF STRUCTURAL MEMBER, CONCRETE COVER, AND BAR SPACING AND ARE DEFINED AS FOLLOWS... 3. LONGITUDINAL REINFORCING BARS IN FOOTINGS SHALL BE PLACED CONTINUOUS AT CORNERS AND INTERSECTIONS...

TENSION DEVELOPMENT LENGTHS (ACI 318, SECTION 12.2.2)

Two tables for F'c = 3000 PSI and F'c = 4000 PSI showing bar size, top bars, and other bars for cases 1 and 2. Includes a diagram of a development length.

CAST-IN-PLACE CONCRETE CLEAR COVER SCHEDULE

Table showing concrete cast against and permanently in contact with ground, concrete in contact with ground or weather, and concrete not exposed to weather or in contact with ground. Includes details for slabs, walls, joists, beams, and columns.

SHOP DRAWINGS

- A. STRUCTURAL DRAWINGS INDICATE TYPICAL, AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS FOR METALS SHALL BE IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED IN THE CONSTRUCTION DOCUMENTS... B. THE GENERAL CONTRACTOR SHALL SUBMIT, AS REQUIRED, PRINTS OR ELECTRONIC COPIES, AS DIRECTED, OF SHOP DRAWINGS FOR ALL FABRICATED MATERIALS TO ARCHITECT FOR REVIEW...

SOILS, SHALLOW FOUNDATIONS, & RETAINING WALLS - SITE WALLS

- A. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH SPECIFICATIONS AND THE CIVIL DRAWINGS... B. DESIGN SOIL BEARING PRESSURE IS 2000 PSI... C. DESIGN SOIL LATERAL PRESSURES ON STRUCTURE ARE DUE TO THE FOLLOWING EQUIVALENT FLUID DENSITIES... D. ALL EXCAVATIONS AND GRADES PREPARED FOR BEARING SHALL BE INSPECTED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY THE DESIGN ASSUMPTIONS...

DRAWING ISSUE RECORD table with columns: DATE, REVISIONS, NO. Includes a row for 11-1-18 ISSUED TO BID.

ABBREVIATIONS

Large table of abbreviations for materials and construction terms, including ACI, ADOL, AESS, AFF, AISC, AISI, ALTN, AR, ARCH, ASD, ASTM, AWS, B, BI, BTD, BRG, BRG, C/C, CFSF, CJ, CLR, CMU, CON, CONT, CTR, D, D&E, DEEP, DBA, DBL, DEP, DIA, DL, DWL, DN, EA, EF, ELEV, ENG, EOS, EQ, EW, EXIST, EXP, EXT, FJ, FD, FDN, FF, FRG, FS, FT, GA, GALV, GDR, GENL, GYP, HCA, HDR, HGR, HI, HKD, HORIZ, HSS, H.T., I, INSUL, INT, JOINT, JT, WWR.

HARMONY LELAND CLAY REPLACEMENT ELEMENTARY SCHOOL

Vertical text on the right side of the page, including project name and contact information.

PES STRUCTURAL ENGINEERS logo and address information.

