

GENERAL NOTES

- ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE 2007 CALIFORNIA BUILDING CODE (2007 CBC).
- THESE NOTES SHALL BE USED IN CONJUNCTION w/ THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- CONTRACTOR MUST CHECK DIMENSIONS, AND SITE CONDITIONS BEFORE STARTING WORK. ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
- CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED AS SPECIFIED TYPICAL DETAILS FOR THE RESPECTIVE MATERIALS.
- THE DRAWINGS & SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. ALL BRACING, TEMPORARY SUPPORTS, SHORING, etc. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE ARCHITECT & THE ENGINEER DO NOT INCLUDE INSPECTION OF CONSTRUCTION PROCEDURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS AND FOR SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
- DESIGN, MATERIALS, EQUIPMENTS, AND PRODUCTS OTHER THAN THOSE DESCRIBED BELOW OR INDICATED ON THE DRAWINGS MAY BE CONSIDERED FOR USE, PROVIDED PRIOR TO APPROVAL IS OBTAINED THE OWNER, THE ARCHITECT, THE ENGINEER, AND THE APPLICABLE GOVERNING CODE AUTHORITY.
- ALL CONDITIONS NOTED AS EXISTING ARE BASED ON THE BEST INFORMATION CURRENTLY AVAILABLE AT THE TIME OF PREPARATION OF THESE DRAWINGS. THE CONTRACTOR IS TO VERIFY ALL CONDITIONS BEFORE STARTING WORK. SHOULD CONDITIONS ARISE WHICH ARE DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND ADDITIONAL DRAWINGS BASED ON MORE ACCURATE INFORMATION WILL BE PREPARED.

CONCRETE

CONCRETE STRENGTH SHALL BE AS FOLLOWS:

- STRUCTURAL SLAB — F_c = 3,000 psi @ 28 DAYS w/ SPECIAL INSPECTION
- GRADE BEAMS — F_c = 3,000 psi @ 28 DAYS w/ SPECIAL INSPECTION
- CAST-IN-PLACE PILES — F_c = 4,000 psi @ 28 DAYS w/ SPECIAL INSPECTION
- OTHERS — F_c = 2,500 psi @ 28 DAYS w/ NO SPECIAL INSPECTION

- AGGREGATES SHALL BE NATURAL SAND AND ROCK CONFORM TO ASTM C33.
- CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C-150, TYPE I or II, LOW ALKALI, or AS REQUIRED TO SATISFY SITE SOIL CONDITIONS as DETERMINED BY THE PROJECT SOILS ENGINEER.
- PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, but SHALL NOT BE EMBEDDED THEREIN. PIPES or DUCTS EXCEEDING ONE-THIRD THE SLAB or WALL THICKNESS SHALL NOT BE PLACED IN THE STRUCTURAL CONCRETE unless SPECIFICALLY DETAILED.
- CONTINUOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED FOR ALL CONCRETE DESIGNED w/ f_c GREATER THAN 2,500 psi.

REINFORCING STEEL

- REINFORCING STEEL SHALL CONFORM TO A.S.T.M. A-615, GRADE 60.
- THE FOLLOWING MINIMUM CLEAR DISTANCES BETWEEN REINFORCING STEEL AND FACE OF CONCRETE SHALL BE MAINTAINED U.N.O. ON PLAN:
 - SLABS ON GRADE ————— CENTER OF SLAB — 2"
 - CONCRETE BELOW GRADE, FORMED ————— 2"
 - CONCRETE BELOW GRADE, UNFORMED (POURED AGAINST EARTH) — 3"
 - CONCRETE EXPOSED TO WEATHER ————— 2"
 - WALLS ————— 1"
 - COLUMNS AND BEAMS TO MAIN BARS ————— 2"

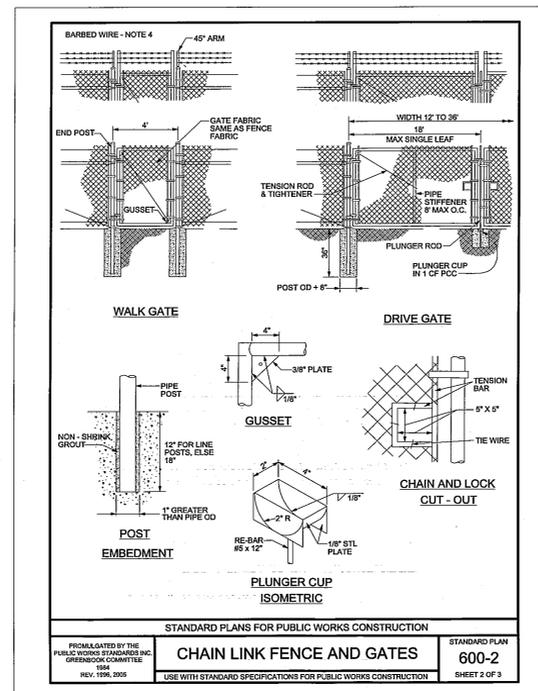
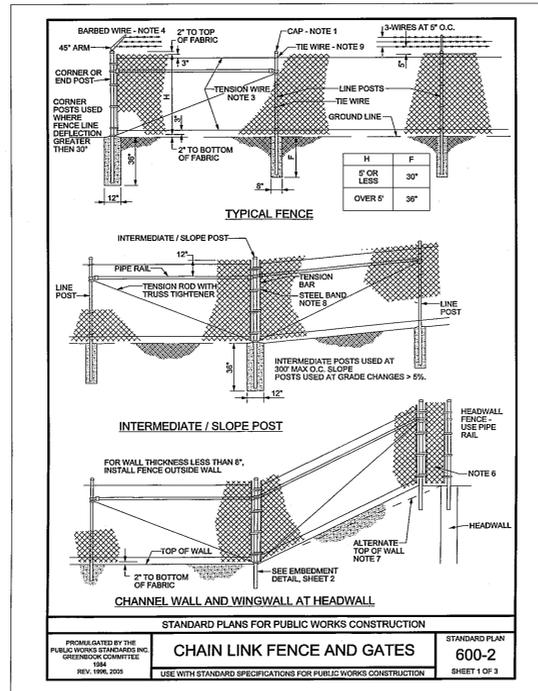
CONSTRUCTION NOTES

- CONTRACTOR TO REMOVE TOPSOIL AND PROVIDE A SUITABLE BASE OF CRUSHED MISC BASE, 90% COMPACTION.
- WHEN ANCHOR BOLT EMBEDDED LENGTH IS GREATER THAN FOUNDATION THICKNESS, INCREASE FOUNDATION DEPTH AT ANCHOR BOLTS FOR A DIAMETER OF 12".
- CONTRACTOR TO USE CONCRETE: GENERAL USE ASTM #C-150-55 TYPE I, F_c=2500psi @ 28 DAYS. OR ASTM #C-150-5 TYPE III, F_c=2500psi @ 7 DAYS.
- ROUND EDGES OF PADS WITH SIDEWALK EDGING TOOL.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS.
- THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
- ALL PLANS TO BE SUPPLEMENTED BY THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2006 EDITION WITH AMENDMENTS.
- BOLLARD POSTS TO BE FILLED WITH CONCRETE. IN MULTIPLE POST INSTALLATIONS, ALL POST TOPS ARE TO BE IN A LINE.
- BOLLARD POSTS TO BE PAINTED; PAINT=2.5mil SAFETY YELLOW W/3 ROUNDS OF REFLECTIVE TAPE AT TOP OF POST.

SOIL PROPERTY: 1,500 psf

REINFORCED CONCRETE:
f_y=60,000 PSI
f_c=2,500 PSI

STRUCTURAL FASTENERS
HILTI HVA Adhesive System (HAS Anchor Rods)
ASTM E-1512
Min. Embedment=3"(3/8"bolts)



SHEET INDEX

- S-1 GENERAL NOTES, DETAILS AND SPECIFICATIONS
- S-2 PVC: GENERATOR AND PROPANE TANK SLAB PLAN
- S-3 HESSE PARK: GENERATOR AND PROPANE TANK SLAB PLAN

NOTES:

- SECURE DRIVE - FIT GALVANIZED CAP TO POST WITH 1/4" ROUND HEAD RIVET.
- H DENOTES FABRIC WIDTH AND NOMINAL FENCE HEIGHT. H = 5' UNLESS OTHERWISE NOTED.
- IF FENCE WITH TOP RAIL IS SPECIFIED, DELETE STEEL TENSION WIRE AT TOP, AND PIPE RAILS AT INTERMEDIATE, SLOPE, END AND CORNER POSTS. EXTEND TENSION ROD TO TOP RAIL.
- BARBED WIRE SHALL BE USED ONLY WHEN SPECIFIED.
- POST SPACING IS MAXIMUM 10'.
- FILL CLEAR OPENINGS GREATER THAN 3" WITH FABRIC. FOR OPENINGS LESS THAN 18", THE FABRIC TO POSTS.
- USE ONE POST FOR COMBINED SLOPE AND CORNER POST IF TOP OF CHANNEL WALL IS CONSTRUCTED AS SHOWN FOR "ALTERNATE".
- STEEL BANDS AT TENSION BARS SHALL BE 1/8" X 1", MINIMUM, SPACED AT MAXIMUM 16".
- SECURE TENSION WIRES TO EACH LINE POST WITH THE WIRES.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CHAIN LINK FENCE AND GATES 600-2

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

PROLOGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1984 REV. 1996, 2005

STANDARD PLAN SHEET 3 OF 3

DETAIL 1: CHAIN LINK FENCE
NTS

DATE: _____

BY: _____

REVISIONS:

NO.	DATE	DESCRIPTION

PLANS PREPARED BY: **JMC**
John M. Callahan, Professional Engineer, No. 45799
411 N. Harbor Blvd., Suite 201
San Pedro, CA 90731
P: 310.241.6550
F: 310.230.1857
www.jmc-engineers.com

PROJECT: **PVC AND HESSE PARK EMERGENCY GENERATORS**
SHEET TITLE: **GENERAL NOTES, DETAILS AND SPECIFICATIONS**

PROJECT NO.: 20090200.00

SCALE: NTS

DATE: 11-22-10

DESIGNED BY: FS

DRAWN BY: FS

CHECKED BY: JMC

SHEET NO.: **S-1**

1 OF 3 SHEETS