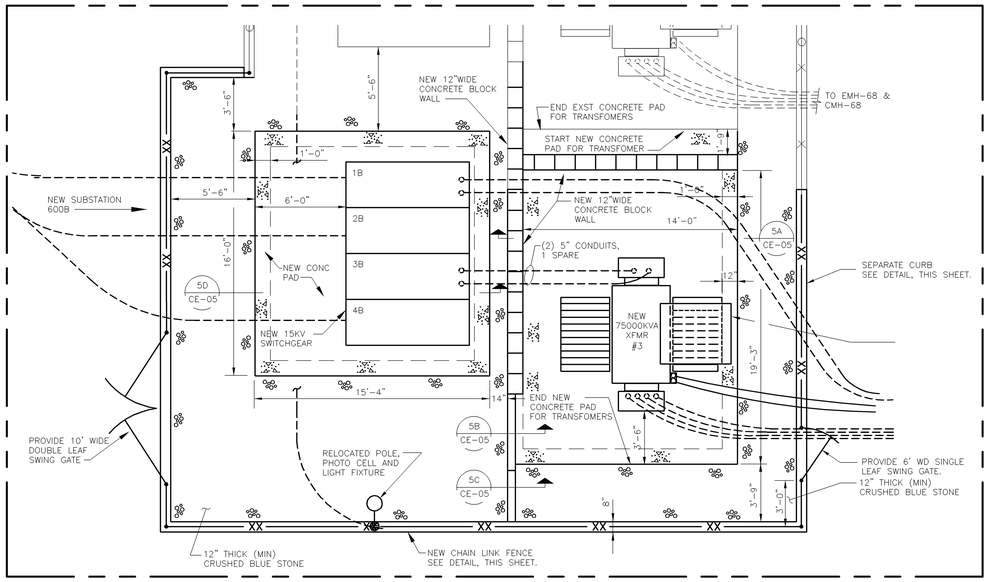
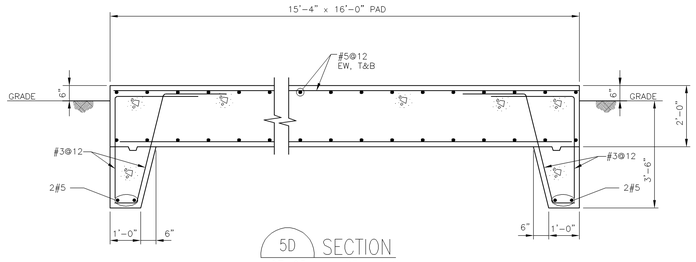
Date (mmm dd yyyy)	Issued For	Rev.
07-31-2008	TITLE II DESIGN 90% REVIEW SUBMITTAL	E
08-25-2008	TITLE II DESIGN 100% OWNER REVIEW	F
2-19-2009	TITLE II CONSTRUCTION BID ISSUE	G



NOTE: REFER TO ELECTRICAL DRAWING ES-402 FOR COMPLETE LAYOUT

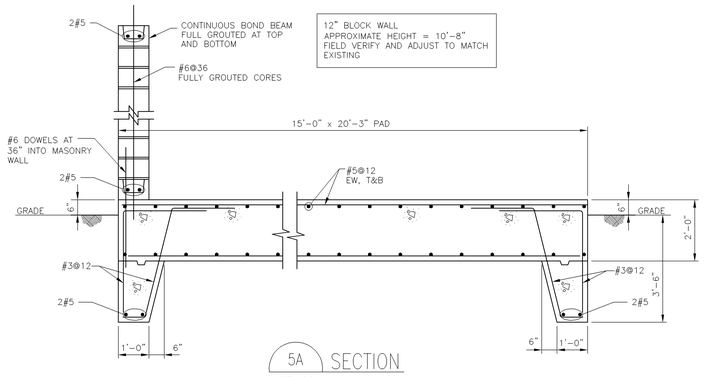
5E / CE-03 PARTIAL SUBSTATIONS ENLARGED PLAN 600A & 600B

1/4" = 1'-0"



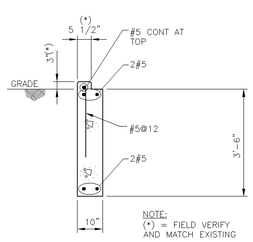
5D / CE-05 SECTION

1/2" = 1'-0"



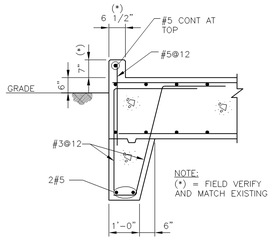
5A / CE-05 SECTION

1/2" = 1'-0"



5C / CE-05 SECTION

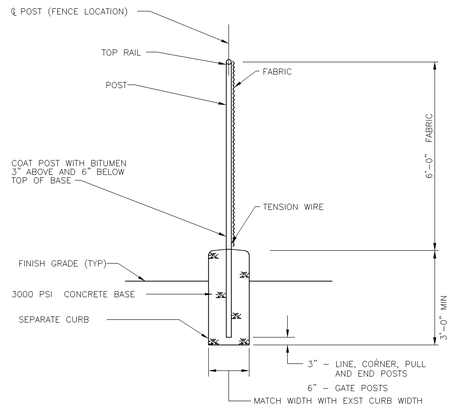
1/2" = 1'-0"



FOR PAD AND GRADE BEAM REINFORCEMENT SEE SECTION "5A" THIS SHEET

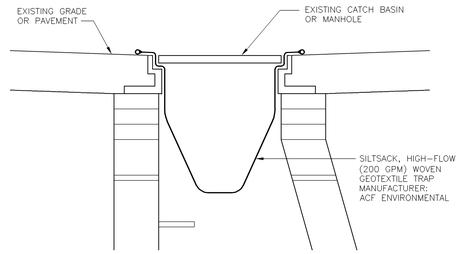
5B / CE-05 SECTION

1/2" = 1'-0"



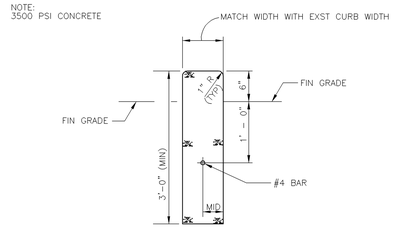
CHAIN LINK FENCE

(AROUND SUB STATION)

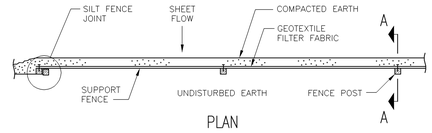


AT EXISTING CATCH BASIN OR MH

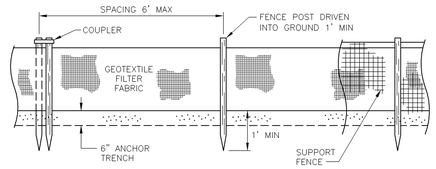
INLET TRAP & FILTER



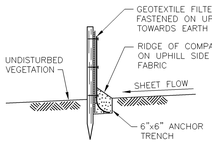
SEPARATE CURB



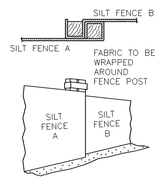
PLAN



ELEVATION

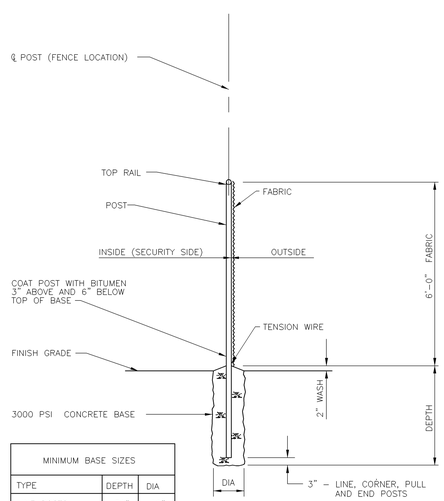


SECTION A-A



SILT FENCE JOINT

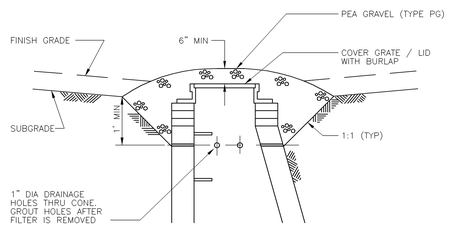
SILT FENCE



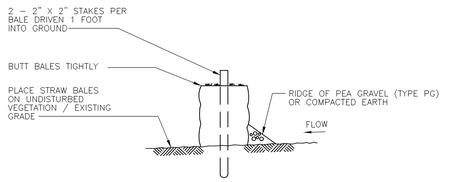
MINIMUM BASE SIZES		
TYPE	DEPTH	DIA
LINE POSTS	39"	10"
CORNER, PULL, & END POSTS	42"	15"
GATE POSTS	54"	18"

SECURITY FENCE

(AROUND NEW COOLING TOWER)



STONE INLET FILTER



STRAW BALE BERM

This drawing has been prepared solely for the use of Brookhaven National Laboratory, and there are no representations of any kind made by Giffels, Partnership to any party with whom Giffels, Partnership has not entered into a contract.

This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the drawing, and proper permit forms and related fees are transmitted by the Owner, Owner's Agent or Contractor to the Authority Having Jurisdiction.

JOB NO	SHEET	NO	REVISION	DATE	DWN.	APP'D.	DA

BROOKHAVEN NATIONAL LABORATORY

UNDER CONTRACT WITH
UNITED STATES DEPARTMENT OF ENERGY
PLANT ENGINEERING DIVISION
UPTON, NEW YORK 11973

Giffels, Partnership
25200 Telegraph Road, Suite 200
Southfield, Michigan 48033 USA
Tel. 248-936-8000
Fax 248-936-8111

Approved By: W. KUSSRO
Project Manager: G. KAPLAN
Project Engineer/Architect: S. KAHLON
Project No.: SF070003

JOB TITLE	DWG. TITLE
CENTRAL CHILLED WATER FACILITY PHASE II	SITE DETAILS

ILR,GPP,LNI, HEM	DATE		ACCT. NO.	SHEET OF
SCALE	DWN. BY SSK	REV'D BY XX	JOB NO. 11705	DWG. NO. CE-05
ESHQ RISK LEVEL	APP'D. BY		BLDG. NO. 600	
PATH:				