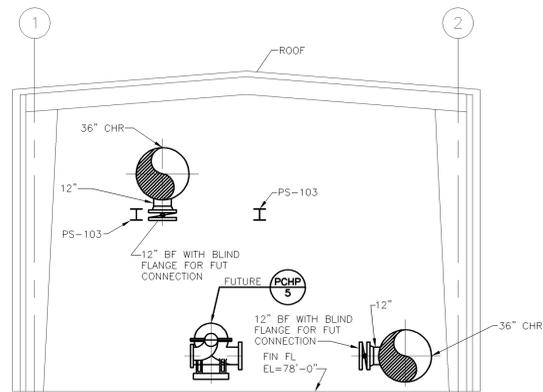
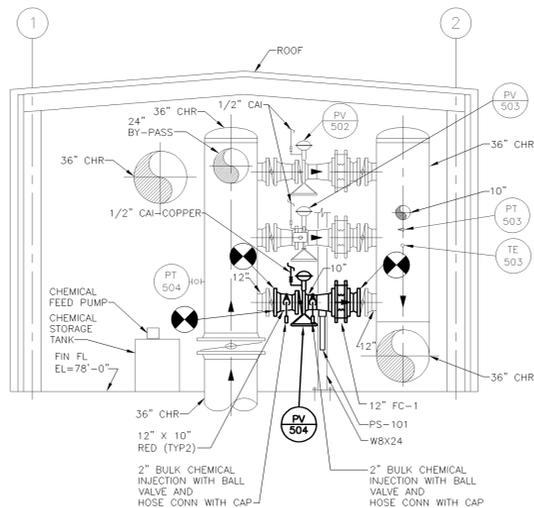


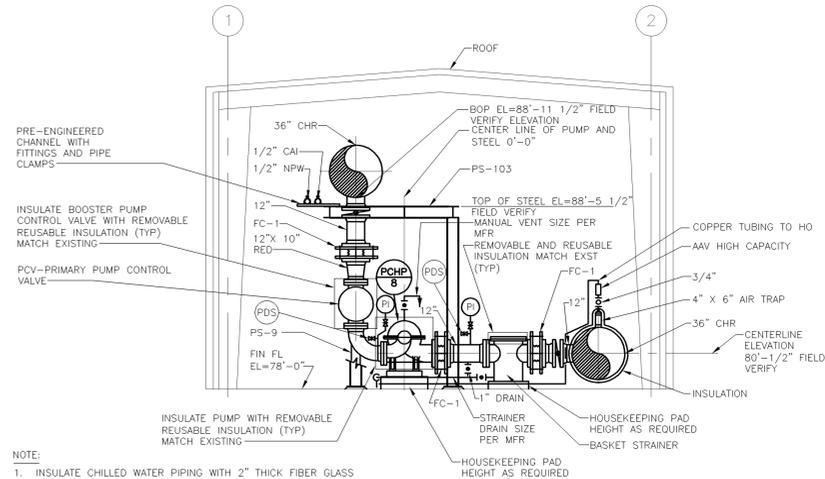
| Date (mm dd yyyy) | Issued For | Rev. |
|-------------------|--------------------------------------|------|
| 09-21-2007 | TITLE I 60% REVIEW | A |
| 10-24-2007 | TITLE I 100% COMPLETE | B |
| 12-07-2007 | TITLE II DESIGN 30% REVIEW SUBMITTAL | C |
| 03-28-2008 | TITLE II DESIGN 60% REVIEW SUBMITTAL | D |
| 07-31-2008 | TITLE II DESIGN 80% REVIEW SUBMITTAL | E |
| 08-25-2008 | TITLE II DESIGN 100% OWNER REVIEW | F |
| 02-19-2009 | TITLE II CONSTRUCTION BID ISSUE | G |



300A SECTION
MP-104 1/4"=1'-0"

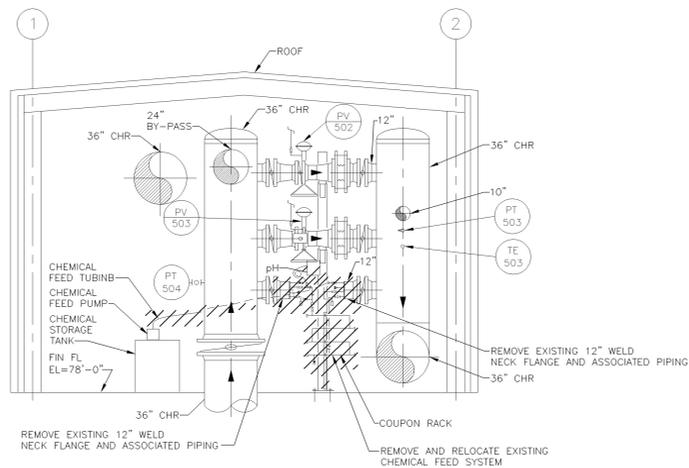


300B SECTION
MP-104 1/4"=1'-0"

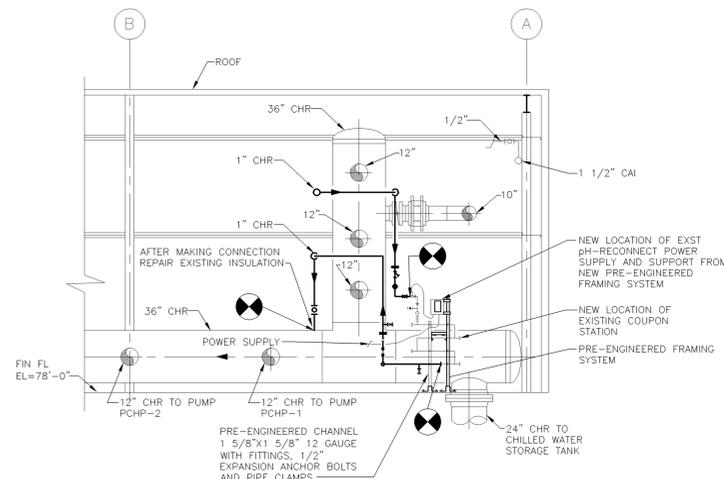


NOTE:
1. INSULATE CHILLED WATER PIPING WITH 2" THICK FIBER GLASS WITH VAPOR BARRIER MATCH EXISTING EXTERIOR TYPICAL.

300C SECTION
MP-104 1/4"=1'-0"



300D SECTION
MP-104 1/4"=1'-0"



300E SECTION
MP-104 1/4"=1'-0"

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.

GENERAL NOTES:
1. NOT ALL PIPING IS SHOWN IN SECTIONS FOR CLARITY SEE PLAN DRAWINGS FOR ADDITIONAL PIPING.

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

LEGEND
— EXISTING
— NEW
- - - FUTURE

Approved By: B. NEWMAN
Project Manager: G. KAPLAN
Project Engineer/Architect: E. PIENDEL
Project No.: SF070003

BROOKHAVEN NATIONAL LABORATORY

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

JOB TITLE: CENTRAL CHILLED WATER FACILITY PHASE II
DWG. TITLE: SECTIONS

| DATE | APP'D. | DATE | APP'D. | DATE | APP'D. |
|-------|--------|-------|--------|-------|--------|
| 11/05 | BN | 11/05 | BN | 11/05 | BN |

SCALE: 1/4"=1'-0"
ESHD RISK LEVEL: APP'D. BY W. HARRISON
BIDD. NO.: 600A
SHEET OF: MP-300