

Brookhaven National Laboratory
Plant Engineering - E&CS Division
Engineering Change Notice Form

PROJECT: CCWF II

JOB No. 11705

ECN Title: Bldg 600C Stairs

ECN No. 59

Affected Documents: CE-03, A-710, M-104 and MP-105

Requested Change (Attach sketch if applicable): Adding Stairs and railing to the front of bldg 600C

Requested by: A. Raphael

Date: 10/26/10

Resolution: See the attached sketches

Approvals: A/E or Proj. Eng.: B.Kimble




Date: 10/26/10

Project Coordinator: A. Raphael

Date: 10/26/10

Manager:

Date:

Contractor shall take the following action:

- Await change order from P&PM
- Proceed with change as described
- Provide cost proposal for change as described

Distribution: E. W. Howell

Giffels

PPM

E&U

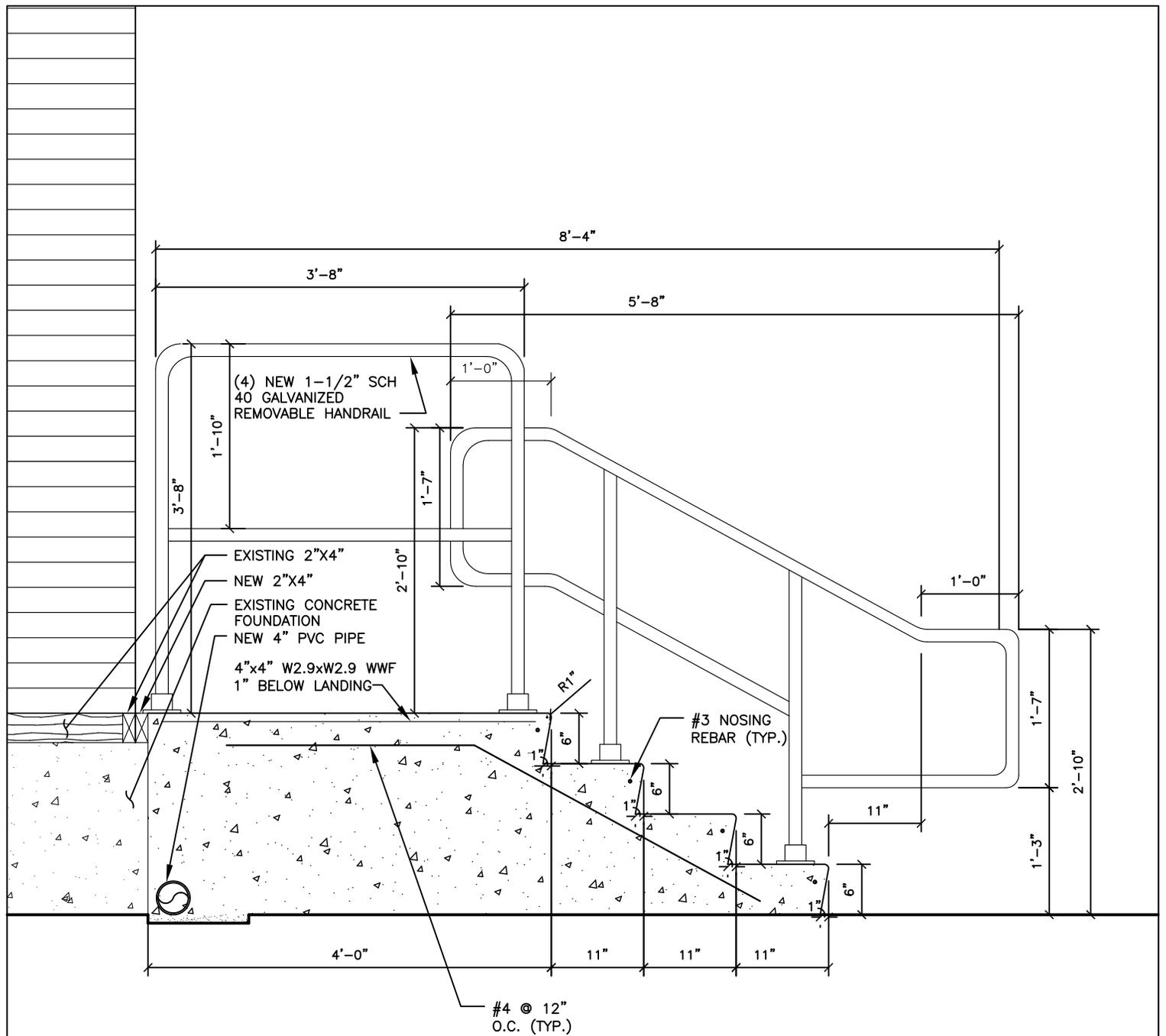
MPO

O&M

DOE

NSLS II

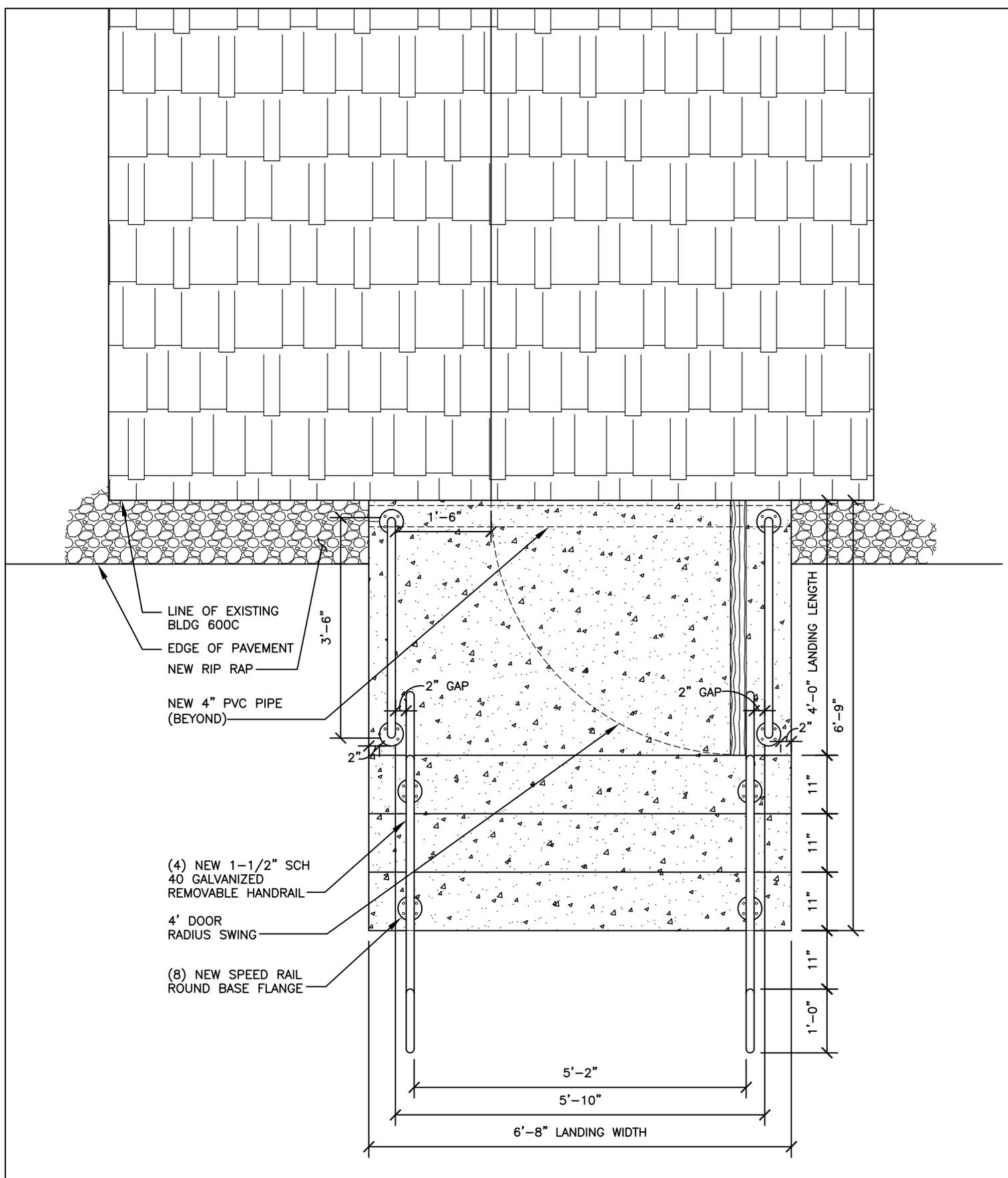
ECN File



NOTES:
 1. 4,000 PSI CONCRETE @ 28 DAYS
 2. BROOM FINISH

SIDE ELEVATION

ECN# 59	BLDG 600C STAIRS
CENTRAL CHILLED WATER FACILITY PHASE II	
SCALE: 1/16"=1'-0"	
DATE: NOVEMBER 22, 2010	
DRAWN BY: BNK	

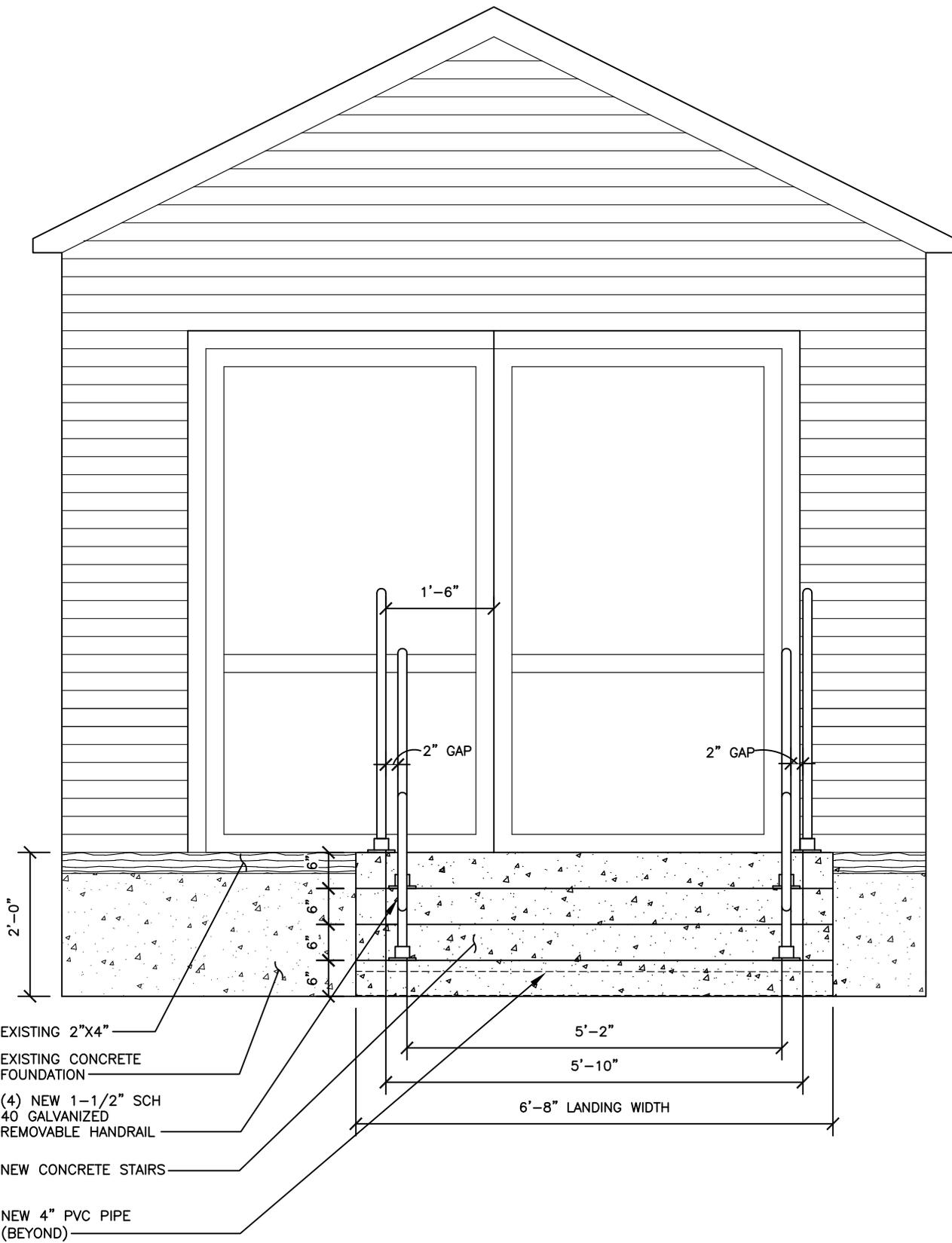


NOTES:
 1. 4,000 PSI CONCRETE @ 28 DAYS
 2. BROOM FINISH

PLAN

ECN# 59 **BLDG 600C STAIRS**

CENTRAL CHILLED WATER
 FACILITY PHASE II
 SCALE: 1/2"=1'-0"
 DATE: NOVEMBER 22, 2010
 DRAWN BY: BNK

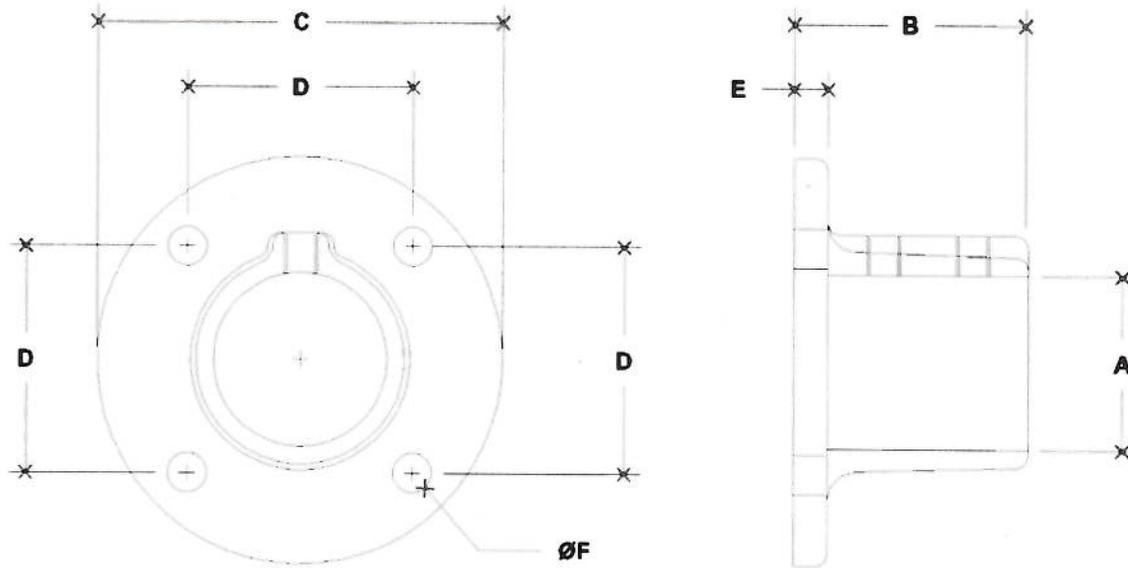


NOTES:
 1. 4,000 PSI CONCRETE @ 28 DAYS
 2. BROOM FINISH

FRONT ELEVATION

ECN# 59	BLDG 600C STAIRS
CENTRAL CHILLED WATER FACILITY PHASE II	
SCALE: 1/2"=1'-0"	
DATE: NOVEMBER 22, 2010	
DRAWN BY: BNK	

NOTE: DIMENSIONS LOCATED IN BOXES ARE COMMON
SETBACK DIMENSIONS FOR EACH FITTING



#42 Round Base Flange

SCALE: HALF

ENGLISH UNITS (Inches)							
PIPE SIZE	A	B	C	D	E	F	G
1½"	1.93	2.31	4.50	2.50	0.38	0.44	
1¼"	1.68	2.13	4.50	2.50	0.38	0.44	

METRIC UNITS (mm)							
PIPE SIZE	A	B	C	D	E	F	G
1½"	49	59	114	64	10	11	
1¼"	43	54	114	64	10	11	

SPEED-RAIL