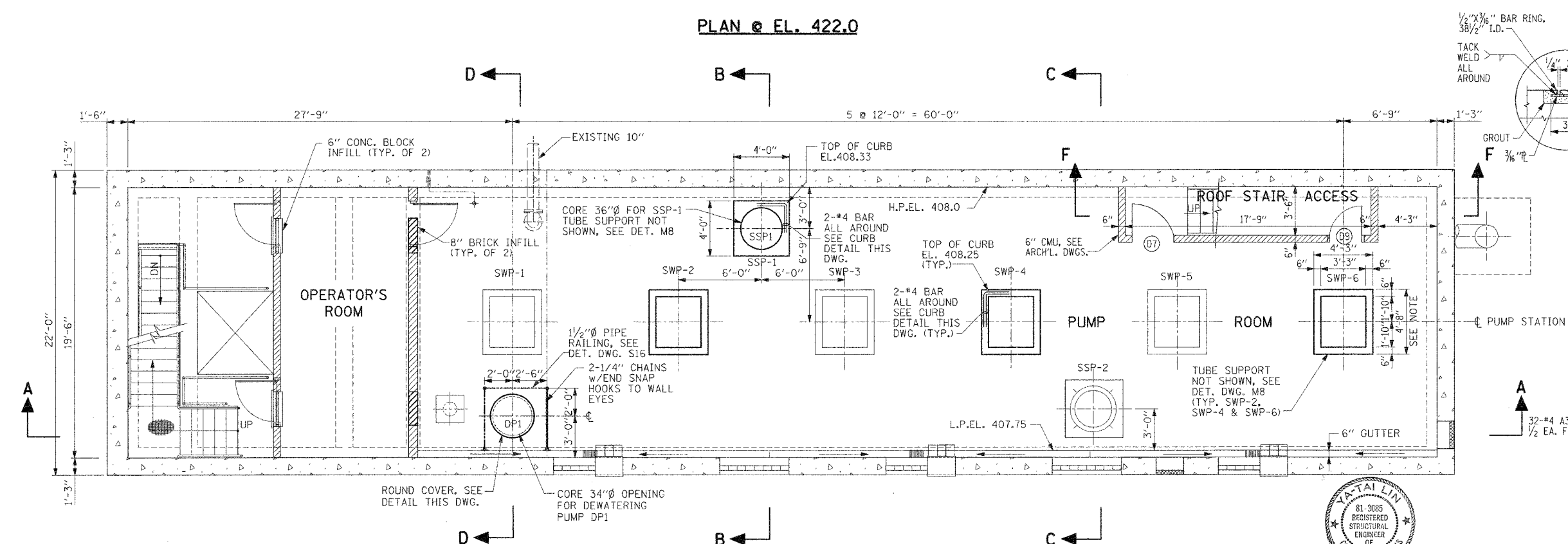
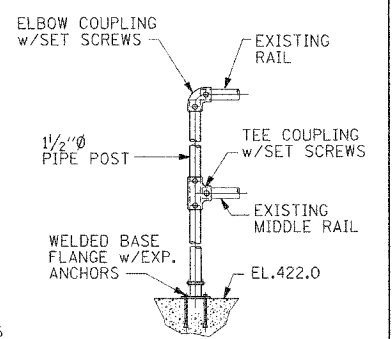


PLAN @ EL. 422.0

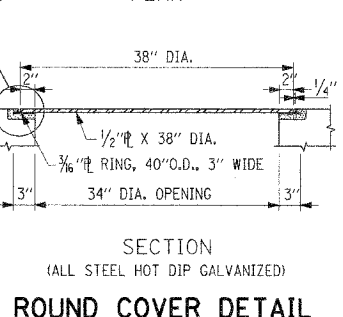
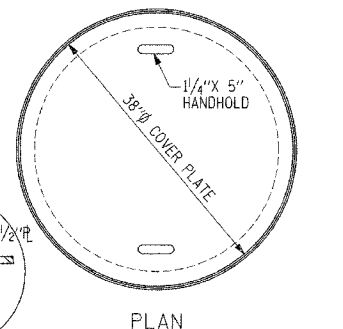


PLAN @ EL. 408.0

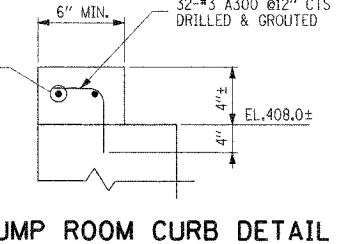


- ALL RAILING POSTS, FITTINGS & HARDWARE SHALL BE HOT DIP GALVANIZED IRON OR STEEL.
- EXPOSED CUT EDGES SHALL BE COLD GALVANIZED.

NEW PIPE RAIL POST DETAIL



SECTION ROUND COVER DETAIL



PUMP ROOM CURB DETAIL

NEW CONSTRUCTION DESIGN CODES

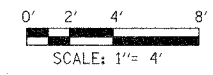
IBC 2003
SEI/ASCE 7-02
SEISMIC DESIGN CATEGORY "D"
EXPOSURE CATEGORY "D"
DESIGN WIND SPEED 90mph
DESIGN SNOW LOAD 20psf
ACI 318-02
AISC ASD 9th ED.

NOTE:
1. TUBE PUMP BASE PLATE, COLUMN & DISCHARGE STUB SIZES SHALL BE BASED ON EXISTING FLOOR OPENING DIMENSIONS.



S1

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
BOWMAN AVENUE PUMP STATION REHABILITATION
STRUCTURAL PLANS (PUMP STATION)

SCALE: AS SHOWN DRAWN BY: CM
DATE: 09-12-05 CHECKED BY: SP
PLOT DATE: *DATE-TIME*

DATE	
NO.	
NO.	
NO.	
NO.	
NO.	

ALVORD, BURDICK & HOWSON, L.L.C.
ENGINEERS CHICAGO

REVISIONS
DATE
NO.
NO.
NO.
NO.
NO.