S89°27'10"W 156.36

60'

ST MH 39
OUTLET STRUCTURE
INV. E 902.64
SEE DETAIL BELOW

9+96.05

9+00 9+50 8+50 8+00 7+50 7+00 6+50 6+00 5+50 5+00 4+50

15' 15' 15' 15'

ST MH 38
R-4342 STOOL GRATE
TOP 910.~~50~~ 11
INV. W 902.47
INV. E 902.47

30' PERPETUAL EASEMENT

EX. FM MH

SEE SHEET 49

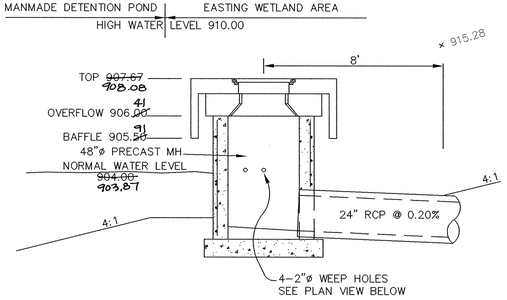
EXISTING DITCH LINE

MATCH LINE

POND

SOFTBALL FIELD

MANMADE DETENTION POND | EASTING WETLAND AREA
HIGH WATER LEVEL 910.00

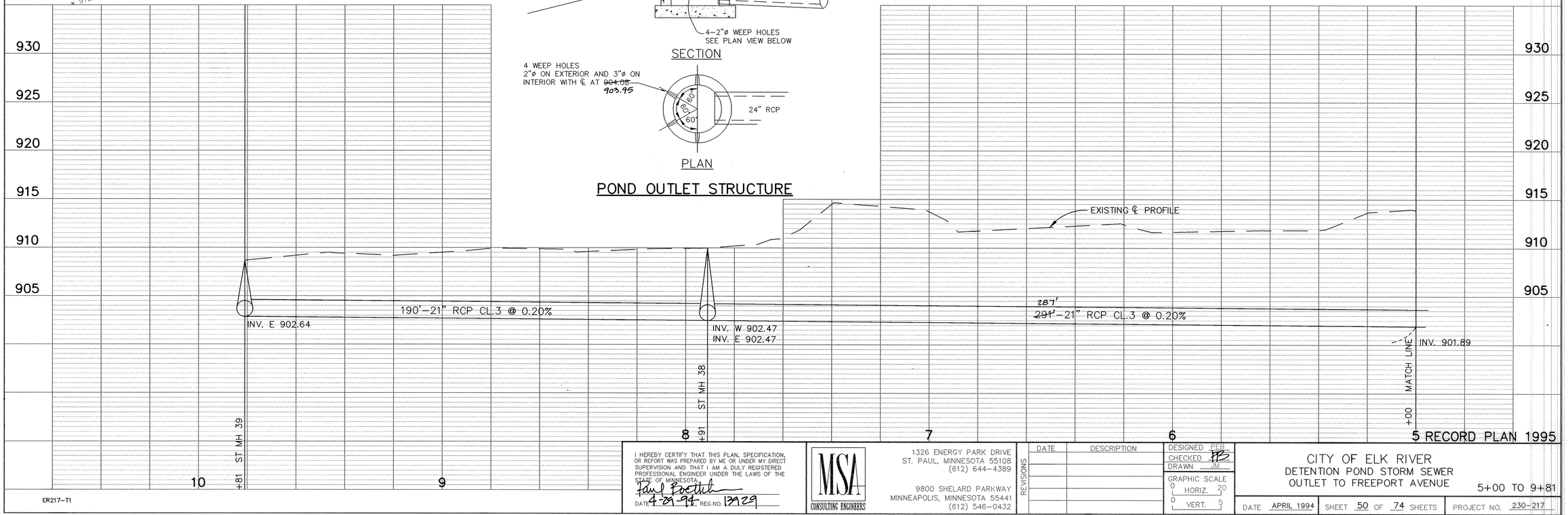


SECTION

4 WEEP HOLES
2"ø ON EXTERIOR AND 3"ø ON
INTERIOR WITH ℄ AT ~~904.08~~ 903.95

PLAN

POND OUTLET STRUCTURE



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Paul Boettcher
DATE 4-29-94 REG.NO. 13929

MSA CONSULTING ENGINEERS

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(612) 644-4389

9800 SHELARD PARKWAY
MINNEAPOLIS, MINNESOTA 55441
(612) 546-0432

REVISIONS

DATE	DESCRIPTION

DESIGNED PFB
CHECKED PB
DRAWN JM
GRAPHIC SCALE 0 HORIZ. 30 0 VERT. 5

CITY OF ELK RIVER
DETENTION POND STORM SEWER OUTLET TO FREEPORT AVENUE
5+00 TO 9+81

DATE APRIL 1994 | SHEET 50 OF 74 SHEETS | PROJECT NO. 230-217

ER217-T1

795

DRAWING NUMBER

DRAWING NUMBER SCH00.95 50

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 85592

Sun May 1 09:53:01 1994