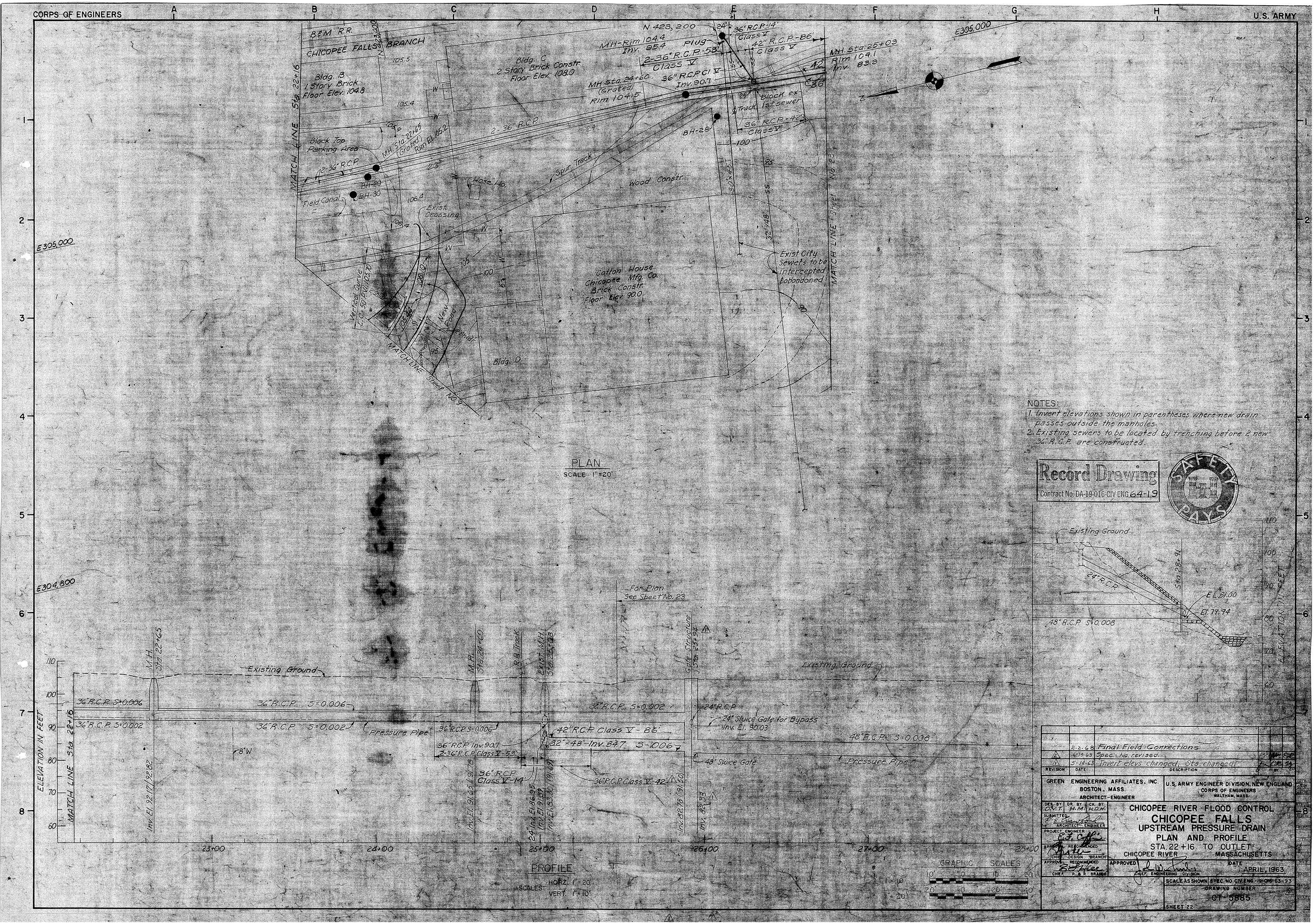
CORPS OF ENGINEERS
U.S. ARMY
B&M R.R.
CHICOPEE FALLS BRANCH
Bldg. B
1 Story Brick
Floor Elev. 104.8
Bldg. C
2 Story Brick Constr.
Floor Elev. 108.0
Bldg. D
Cotton House
Chicopee Mfg. Co.
Brick Constr.
Floor Elev. 90.0
Wood Constr.
Spur Track
Black Top Parking Area
Field Canal
Exist. Crossing
Hose Ho.
New Road
Vertical Curve
MATCH LINE Sta. 22+16
MATCH LINE Sheet No. 9
MATCH LINE Sheet No. 23
N 423,200
E305,000
E304,800
MH-Rim 104.4
Inv. 95.4
MH Sta. 24+60 (Grated)
Rim 104.5
MH Sta. 25+03
Rim 104.1
Inv. 83.9
2-36" R.C.P.
36" R.C.P. Cl V
Inv. 90.7
Block ex. 1st sewer
Track
Exist City Sewers to be intercepted & abandoned
PLAN
SCALE 1"=20'
NOTES:
1. Invert elevations shown in parentheses where new drain passes outside the manholes.
2. Existing sewers to be located by trenching before 2 new 36" R.C.P. are constructed.
Record Drawing
Contract No. DA-19-016-CIV ENG 64-19
SAFETY PAYS
Existing Ground
24" R.C.P.
Sta. 28+91
EL. 81.00
El. 79.94
48" R.C.P. S=0.008
ELEVATION IN FEET
For Plan See Sheet No. 23
Existing Ground
36" R.C.P. S=0.006
36" R.C.P. S=0.002
Pressure Pipe
36" R.C.P. Inv. 90.7
2-36" R.C.P. Class V-53
36" R.C.P. Class V-14
42" R.C.P. Class V-86
32"×48" Inv. 84.7 S=.006
36" R.C.P. Class V-42
24" R.C.P.
24" Sluice Gate for Bypass Inv. El. 90.03
48" Sluice Gate
48" R.C.P. S=0.008
Gate Structure
Inv. El. 92.17/92.82
Inv. El. 91.65/91.78
Inv. El. 91.39/91.69
Inv. El. 83.30/(91.69)
Inv. 82.78/(91.50)
Inv. 82.33
23+00
24+00
25+00
26+00
27+00
28+00
PROFILE
SCALES: HORZ. 1"=20' VERT. 1"=10'
GRAPHIC SCALES
2-2-68 Final Field Corrections
6-19-63 Spec. No. revised.
5-14-63 Invert elevs. changed. Sta. changed.
REVISION DATE DESCRIPTION BY
GREEN ENGINEERING AFFILIATES, INC.
BOSTON, MASS.
ARCHITECT-ENGINEER
U.S. ARMY ENGINEER DIVISION, NEW ENGLAND
CORPS OF ENGINEERS
WALTHAM, MASS.
DES. BY D.N.T.
DR. BY H.M.
CK. BY H.D.H.
SUBMITTED
ARCHITECT-ENGINEER
PROJECT ENGINEER
APPROVAL RECOMMENDED
CHIEF, DESIGN BRANCH
APPROVAL RECOMMENDED
CHIEF, P. & R. BRANCH
CHICOPEE RIVER FLOOD CONTROL
CHICOPEE FALLS
UPSTREAM PRESSURE DRAIN
PLAN AND PROFILE
STA. 22+16 TO OUTLET
CHICOPEE RIVER MASSACHUSETTS
APPROVED
CHIEF, ENGINEERING DIVISION
DATE APRIL, 1963
SCALE AS SHOWN
SPEC. NO. CIV ENG-19-016-63-93
DRAWING NUMBER
CT-5885
SHEET 22