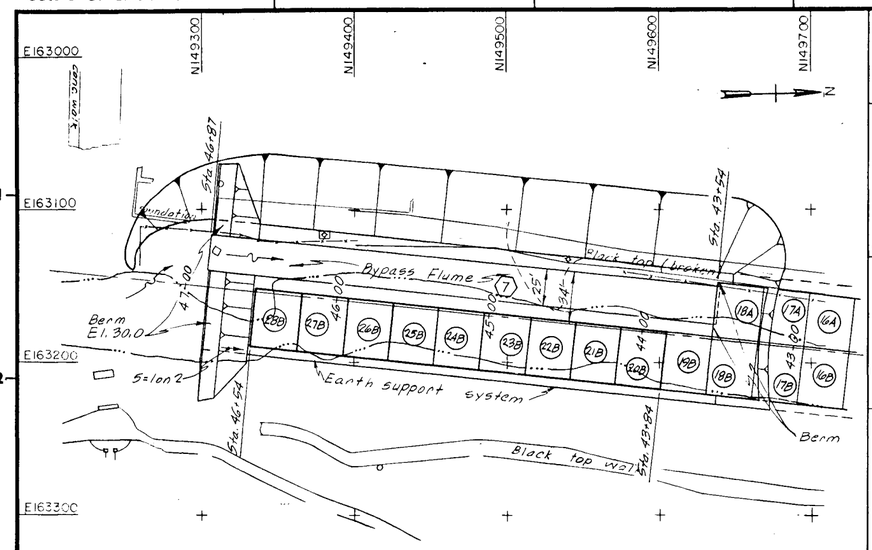
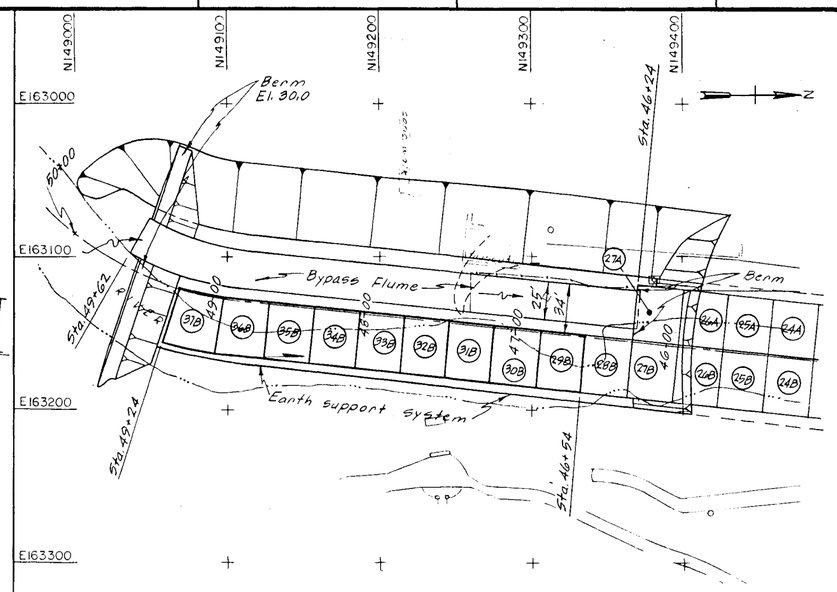
CORPS OF ENGINEERS

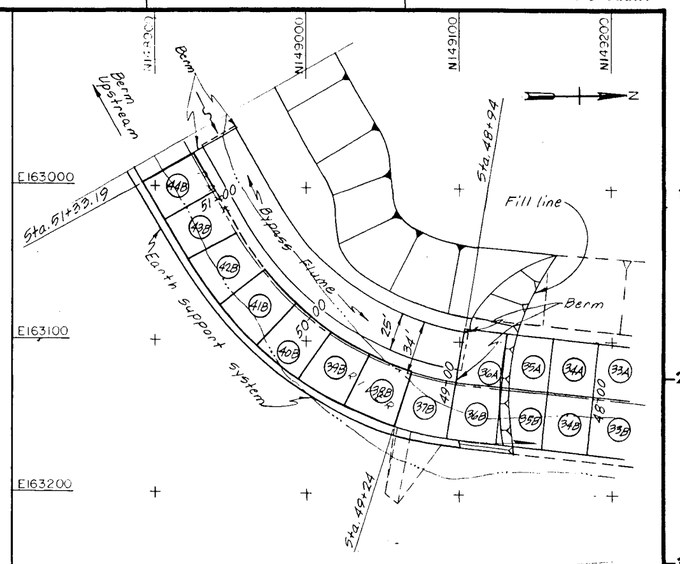
U. S ARMY



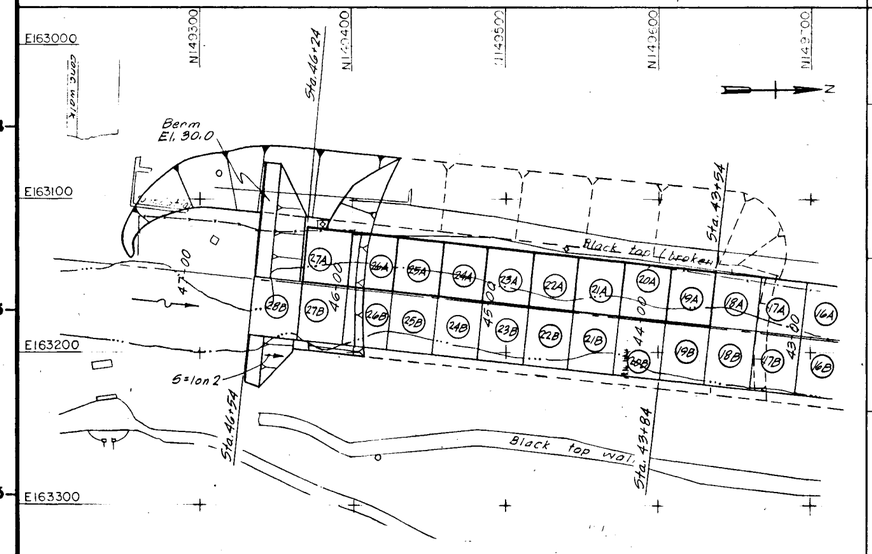
REACH 3 PHASE A



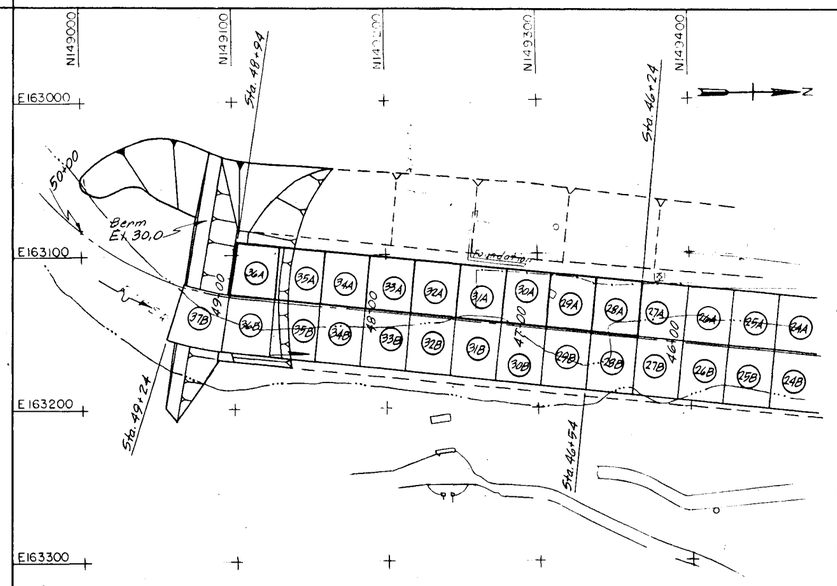
REACH 4 PHASE A



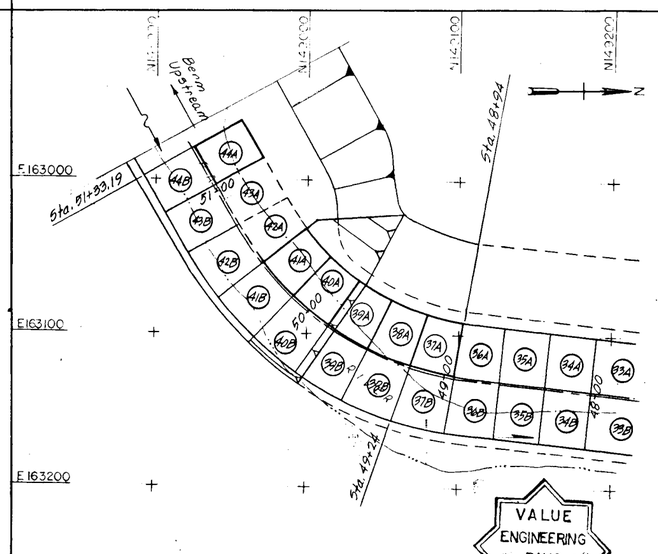
REACH 5 PHASE A



REACH 3 PHASE B



REACH 4 PHASE B



REACH 5 PHASE B

VALUE ENGINEERING PAYS DIVIDENDS

REACH 3 PHASE A

1. Install earth support system along right side of conduit.
2. Excavate for and install flume left side of conduit.
3. Install berms and divert river through flume.
4. Excavate for and construct Monoliths No. 20B thru 28B.

REACH 3 PHASE B

1. Remove berm right side and install berm left side and force river through completed barrel.
2. Remove by-pass flume.
3. Excavate for and construct Monoliths No. 19A thru 27A.
4. Remove berms and allow river to flow through completed conduit.

REACH 4 PHASE A

1. Install earth support system along right side of conduit.
2. Excavate for and install flume left side of conduit.
3. Install berms and divert river through flume.
4. Excavate for and construct Monolith No. 29B thru 37B.

REACH 4 PHASE B

1. Remove berm right side and install berm left side and force river through completed barrel.
2. Remove by-pass flume.
3. Excavate for and construct Monoliths No. 28A thru 36A.
4. Remove berms and allow river to flow through completed conduit.

PLANS
SCALE: 1" = 40'

REACH 5 PHASE A

1. Install earth support system along right side of conduit
2. Excavate for and install flume left side of conduit to Junction Structure.
3. Install berms and direct river from Junction Structure through flume.
4. Excavate for and construct Monoliths No. 38B thru 44B, except upper portion of centerpier of Monoliths No. 42B and 43B.

REACH 5 PHASE B

1. Remove berm right side and install berm left side and force river through completed barrel.
2. Remove by-pass flume.
3. Excavate for and construct Monoliths No. 37A thru 44A, except side walls of Monoliths No. 42A and 43A.
4. Remove berms and allow river to flow through completed conduit.

NOTES:
1. For General Notes see Sheet 2
2. For Typ. Conduit Sects see Sheets 26 thru 31
3. For Grading Plan see Sheets 34 and 35
4. For Diversion of Water for junction struct. see sheet 44
5. Description of phases are looking downstream
6. For Typ Diversion Sects. see Sheet 112

SAFETY PAYS

GRAPHIC SCALES
1"=40' 40' 0 40' 80'

As Built Drawing
Contract No. DACW 33-76-C-0088

REVISION	DATE	DESCRIPTION	BY

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DES. BY	DR. BY	CK. BY
R.C.	L.R.L	P.F.C.

SUBMITTED
CHIEF, LAYOUT SECTION

APPROVAL RECOMMENDED:
CHIEF, TECH. ENG. BRANCH

REVIEWED:
PROJECT ENGINEER

APPROVAL RECOMMENDED:
CHIEF, PROJECT BRANCH

WATER RESOURCES DEVELOPMENT PROJECT
PARK RIVER LOCAL PROTECTION
BOX CONDUIT AT SECTION 4
DIVERSION OF WATER NO. 2
HARTFORD CONNECTICUT

APPROVED
CHIEF, ENGINEERING DIVISION
DATE MARCH 1976

SCALE: 1"=40'
SPEC. NO. DACW33-76-B-0040
DRAWING NUMBER
PAR - 1
SHEET 33