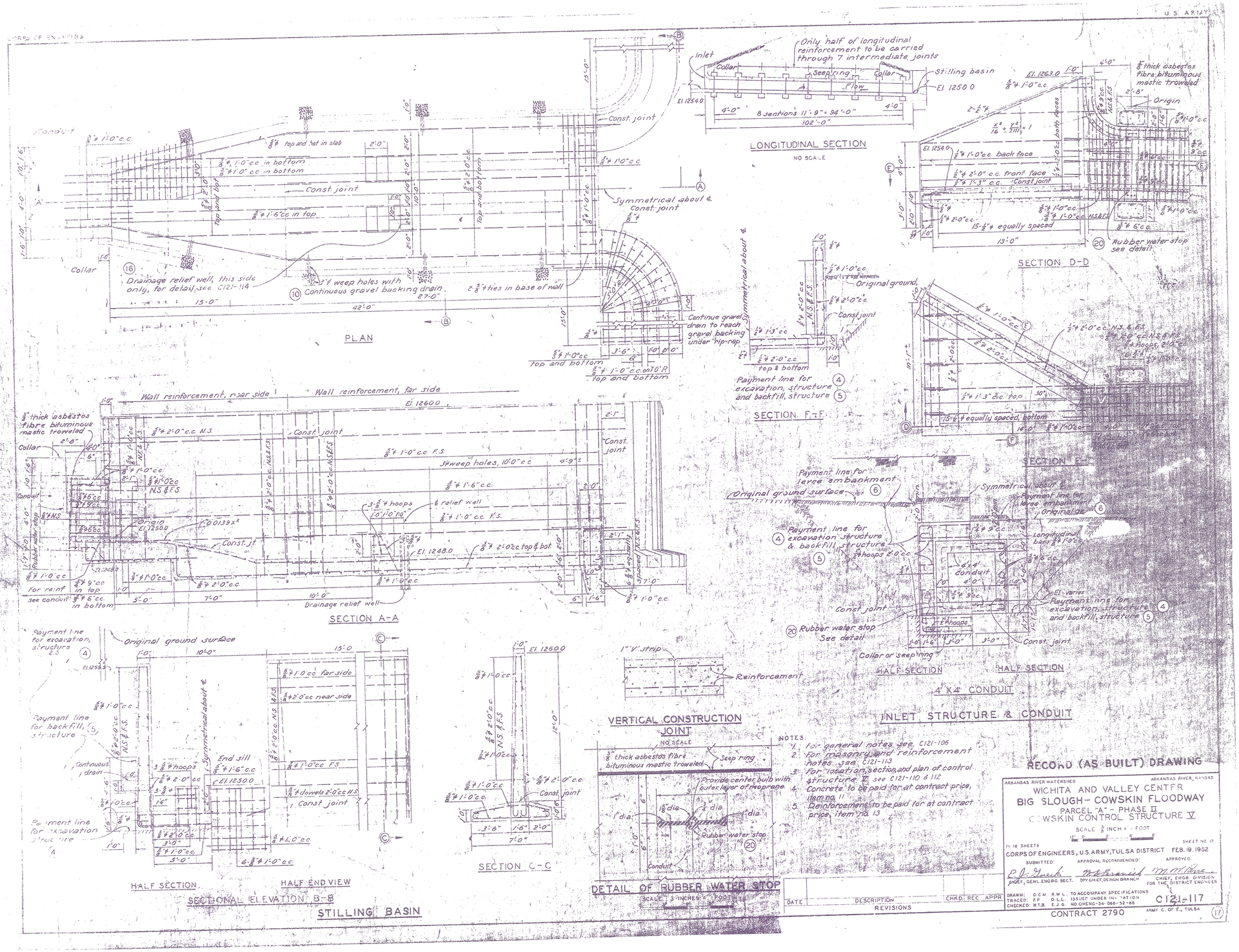
U.S. ARMY
CORPS OF ENGINEERS
PLAN
LONGITUDINAL SECTION
NO SCALE
SECTION D-D
SECTION F-F
SECTION E-E
SECTION A-A
HALF SECTION
HALF SECTION
4' X 4' CONDUIT
INLET STRUCTURE & CONDUIT
VERTICAL CONSTRUCTION JOINT
NO SCALE
SECTION C-C
HALF SECTION
HALF END VIEW
SECTIONAL ELEVATION B-B
STILLING BASIN
DETAIL OF RUBBER WATER STOP
SCALE 3 INCHES = 1 FOOT
Only half of longitudinal reinforcement to be carried through 7 intermediate joints
Inlet
Collar
Seep ring
Flow
Stilling basin
El. 1250.0
El. 1254.0
8 sections 11'-9" = 94'-0"
102'-0"
Const. joint
Symmetrical about ℄ Const. joint
Drainage relief well, this side only, for detail see C121-114
3" weep holes with Continuous gravel backing drain
2-5/8" ties in base of wall
Continue gravel drain to reach gravel backing under rip-rap
Payment line for excavation, structure and backfill, structure
Original ground surface
Payment line for levee embankment
Rubber water stop See detail
Collar or seep ring
Reinforcement
1" V strip
Provide center bulb with outer layer of neoprene
Rubber water stop
Conduit
Wall reinforcement, near side
Wall reinforcement, far side
3" weep holes, 10'-0" c.c.
Drainage relief well
Payment line for backfill, structure
Continuous drain
End sill
Payment line for excavation structure
Original ground surface
Longitudinal bars
Const. joint
Payment line for excavation structure & backfill structure
El. varies
Payment line for excavation, structure and backfill, structure
Rubber water stop See detail
Collar or seep ring
Original ground surface
Reinforcement
1/8" thick asbestos fibre bituminous mastic troweled
Seep ring
Provide center bulb with outer layer of neoprene
Rubber water stop
Conduit
NOTES
1. For general notes see C121-106
2. For masonry and reinforcement notes see C121-113
3. For location, section and plan of control structure V see C121-110 & 112
4. Concrete to be paid for at contract price, item no. 11
5. Reinforcement to be paid for at contract price, item no. 13
RECORD (AS BUILT) DRAWING
ARKANSAS RIVER WATERSHED
ARKANSAS RIVER, KANSAS
WICHITA AND VALLEY CENTER
BIG SLOUGH - COWSKIN FLOODWAY
PARCEL "A" - PHASE II
COWSKIN CONTROL STRUCTURE V
SCALE 3/8 INCH = 1 FOOT
IN 18 SHEETS
SHEET NO. 17
CORPS OF ENGINEERS, U.S. ARMY, TULSA DISTRICT FEB. 19, 1952
SUBMITTED:
APPROVAL RECOMMENDED:
APPROVED:
CHIEF, GENL. ENGRG. SECT.
DPY CHIEF, ENGN BRANCH
CHIEF, ENGR. DIVISION FOR THE DISTRICT ENGINEER
DRAWN: D.C.M. R.W.L.
TRACED: F.P. D.L.L.
CHECKED: N.T.B. E.J.G.
TO ACCOMPANY SPECIFICATIONS
ISSUED UNDER INVITATION NO. CIVENG-34-066-52-85
C121-117
CONTRACT 2790
ARMY C. OF E., TULSA
17
DATE
DESCRIPTION
CHKD.
REC.
APPR.
REVISIONS