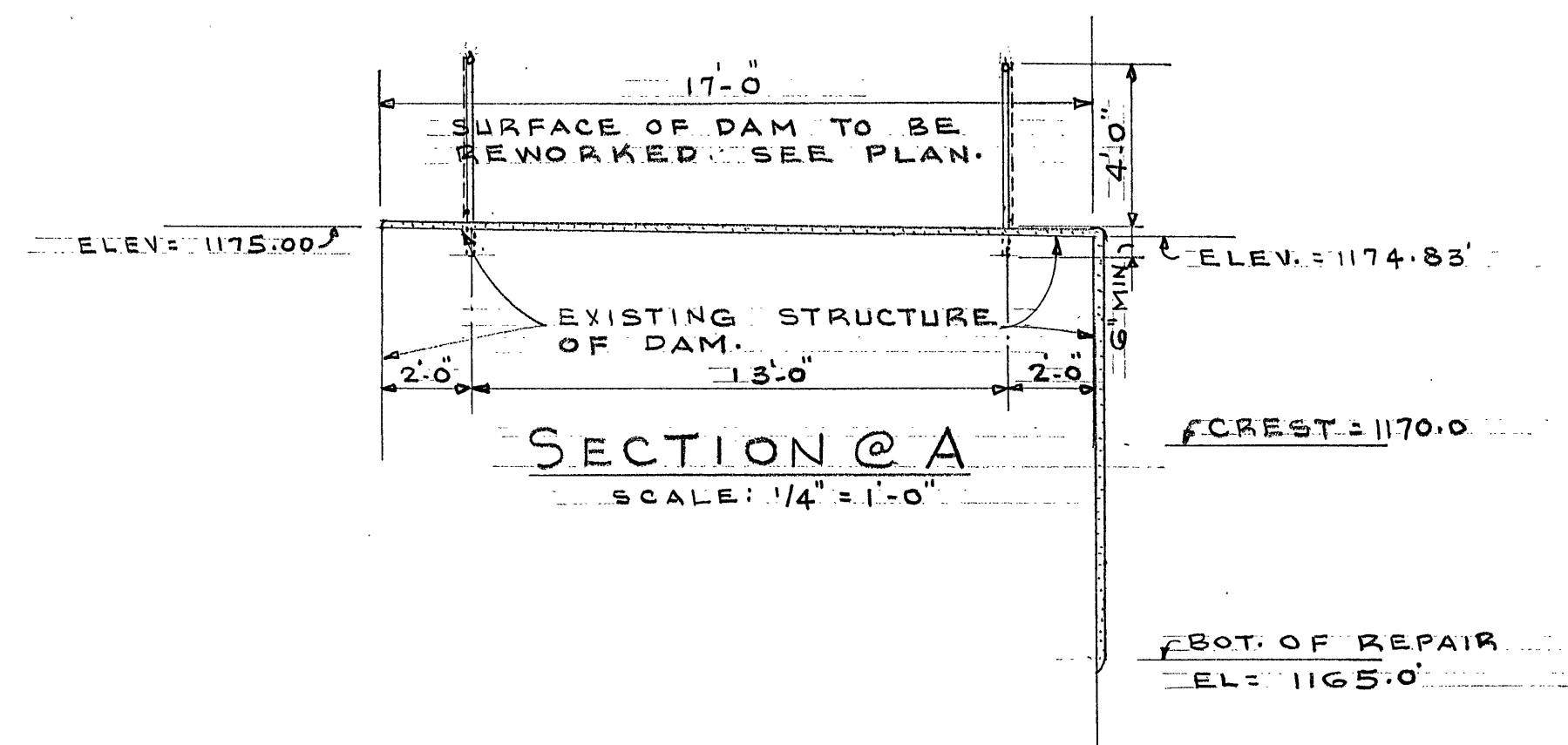
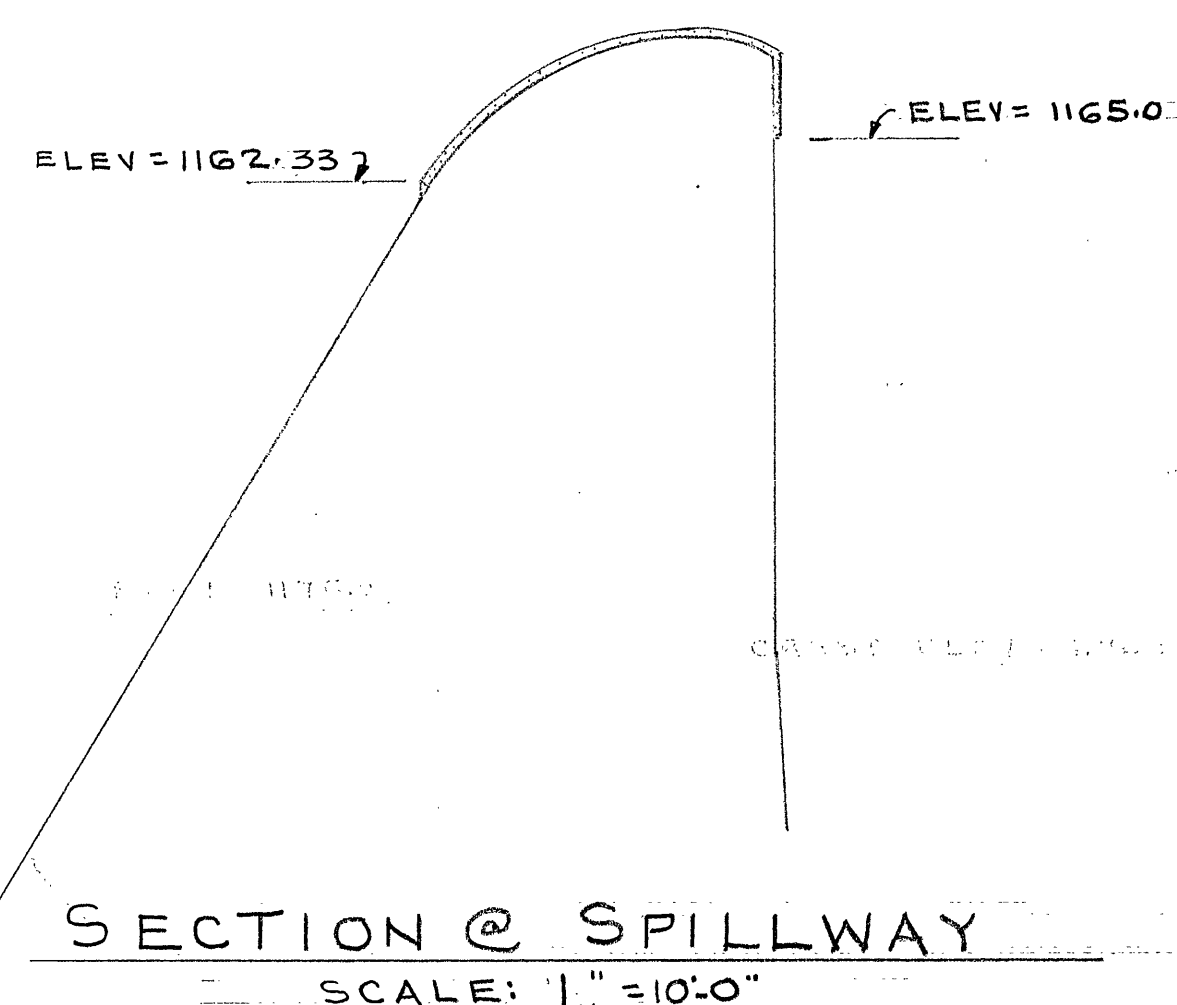


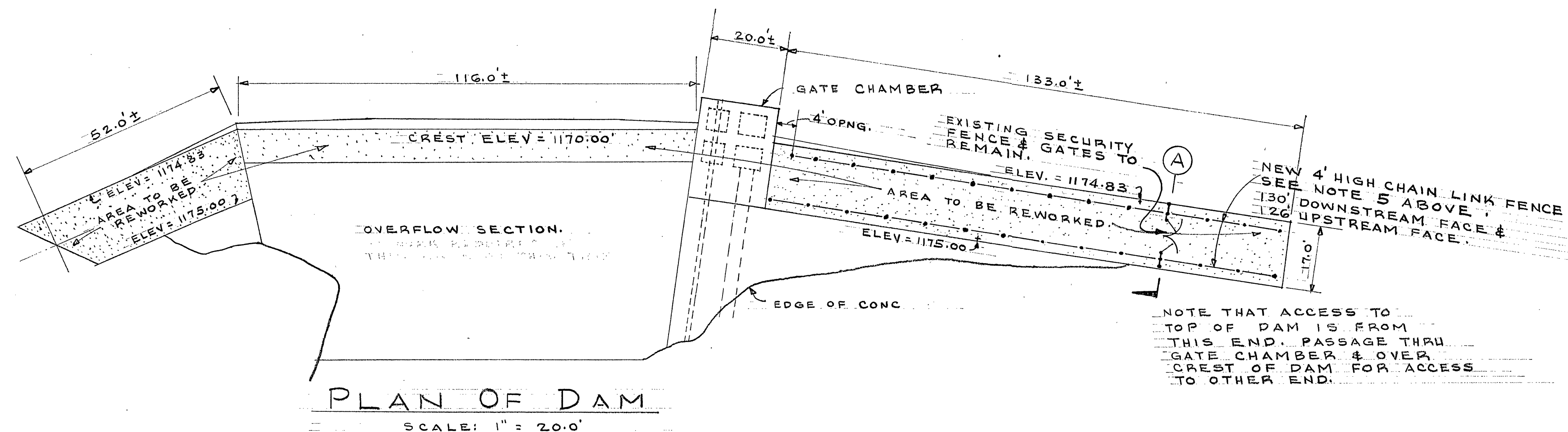
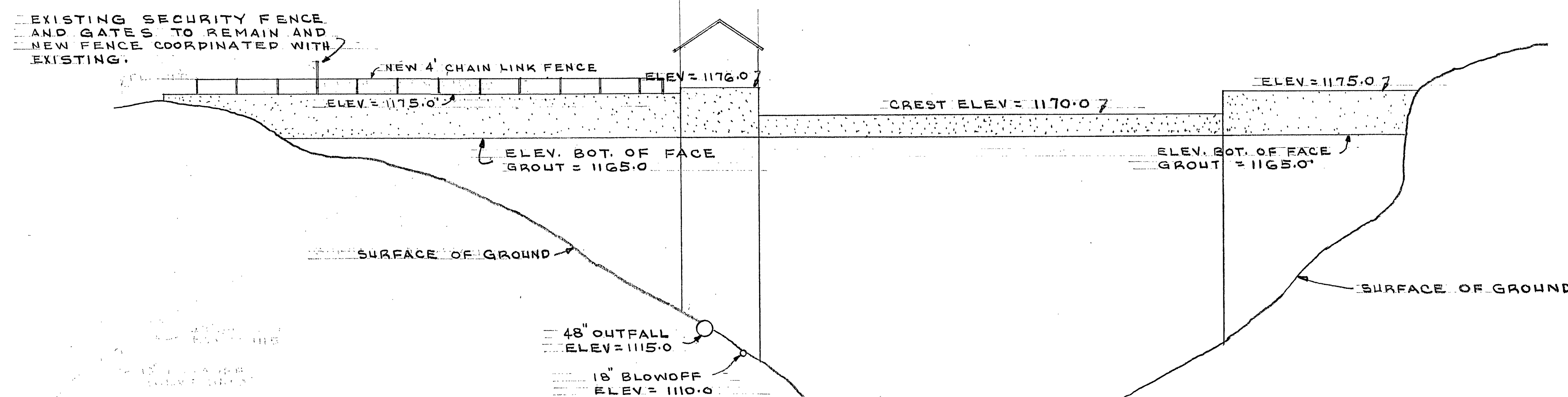


GENERAL NOTES:

1. ENTIRE FLAT SURFACE OF TOP OF DAM & UPSTREAM FACE DOWN TO 5' BELOW CREST OF DAM TO BE REWORKED (SEE PLAN). REMOVE ALL LOOSE OR BROKEN CONCRETE FROM SURFACE WITH BUSH HAMMER OR PAVING BREAKER AS REQUIRED. SURFACE TO BE SWEEP & BLOWN CLEAN.
2. APPLY "WELDCRETE" AS MANUFACTURED BY LARSON PRODUCTS CORP TO ENTIRE SURFACE OF REWORKED AREA. APPLY IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTION.
3. FASTEN 17 GAUGE GALVANIZED MESH TO TOP OF CONCRETE. MESH SHALL BE EQUAL TO 1 1/2" x 17 GA. KEYSTONE WIRE CO'S. "KEYMESH".
4. SPRAY ENTIRE SURFACE WITH 2" MINIMUM OF GUNITE OF A MINIMUM STRENGTH OF 5000 PSI COMPRESSIVE STRENGTH. COAT ONLY THE SURFACE WITH "WELD-CRETE" & COVER WITH "KEYMESH" THAT CAN BE COMPLETED IN THE SAME DAY.
5. CHAIN LINK FENCE MATERIALS SHALL BE HEAVY GALVANIZED (2 OZ. ZINC PER SQ. FT. COMPLYING WITH ASTM A 392, CLASS II) AND AS FOLLOWS:
TUBULAR MEMBERS SHALL COMPLY WITH PROVISIONS OF ASTM A-120 FOR WEIGHT AND COATING.
END POSTS - 2 1/8" O.D. PIPE 3.79# PER LIN. FT. - SAFEGUARD TOP
LINE POSTS (10 MAX. O.C.) 2.375" O.D. PIPE @ 3.65# PER LIN. FT. - SAFEGUARD TOP.
TOP RAIL - 1.660" O.D. PIPE @ 2.27# PER LIN. FT.
BOTTOM TENSION WIRE - 7 GAGE GALV. COILED SPRING WIRE.
POST BRACING ASSEMBLY SAME AS TOP RAIL.
CHAIN LINK FABRIC 2" MESH 9 GAGE WIRE KNUCKLED TOP FLUSH WITH TOP RAIL.
CORE TOP OF DAM 6" TO 8" FOR POSTS & GROUT POSTS IN WITH EPOXY.



EXISTING SECURITY FENCE AND GATES TO REMAIN AND NEW FENCE COORDINATED WITH EXISTING.



NOTE THAT ACCESS TO TOP OF DAM IS FROM THIS END. PASSAGE THRU GATE CHAMBER & OVER CREST OF DAM FOR ACCESS TO OTHER END.

REVISION 3-ADDED 4' HIGH CHAIN LINK FENCE EACH SIDE.
1- 9-4-75
2- 9-17-75
3- 9-10-76

OFFICE OF CITY ENGINEER
ROANOKE, VIRGINIA
REWORK TOP OF
CARVINS COVE DAM
FOR
CITY OF ROANOKE
ROANOKE, VIRGINIA.

SCALE: AS SHOWN
DATE: AUG. 27, 1975
SHEET 1 OF 1.

PLAN NO. 5485