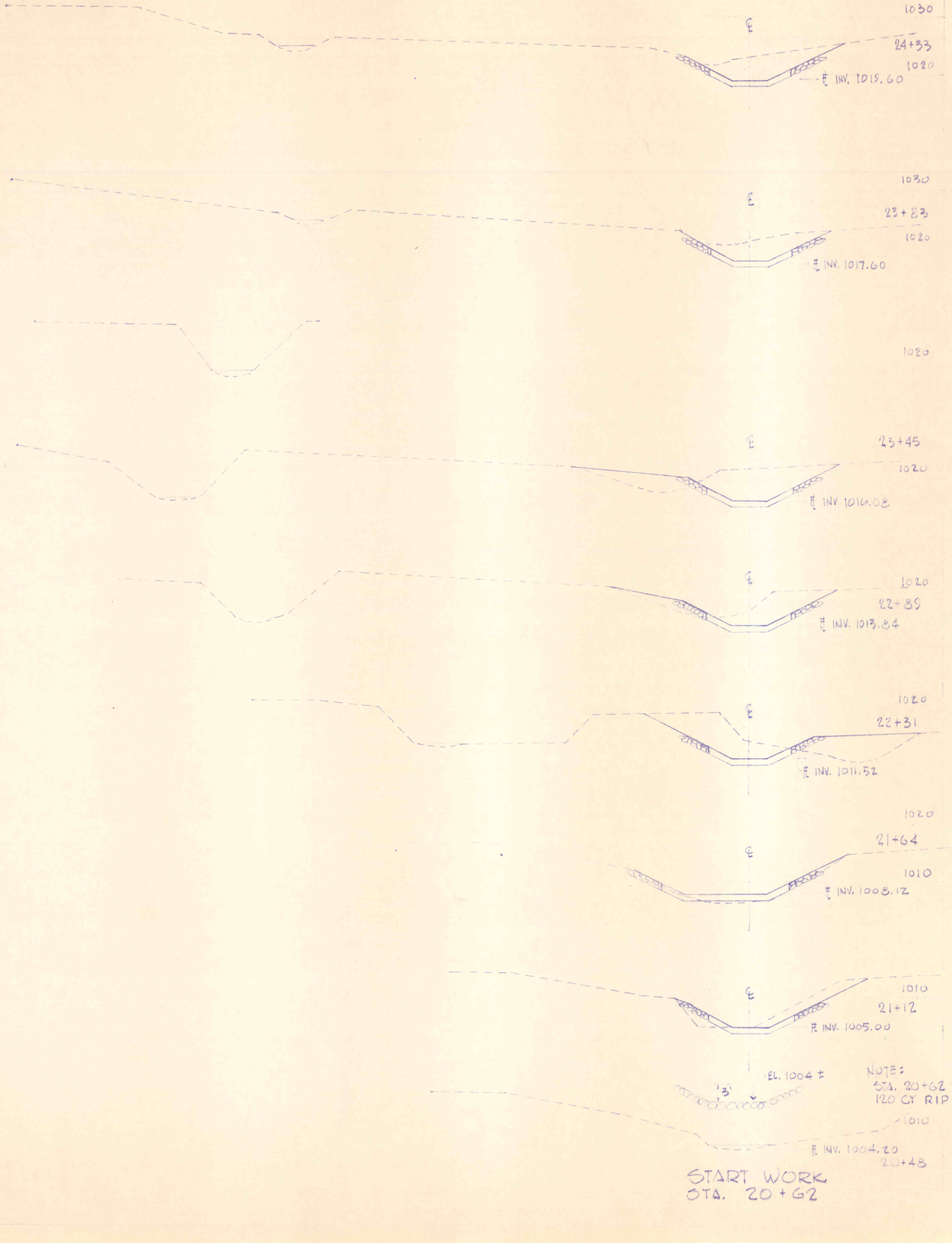





## TYPICAL SECTION - BENCHING

NO SCALE

NOTE: IN AREAS WHERE EMBANKMENT IS REQUIRED TO ESTABLISH THE PROPER FOUNDATION ELEVATION FOR THE REINFORCED CONCRETE CHANNEL, OVER-EXCAVATION BY BENCHING SHALL BE PERFORMED AS SHOWN.

## SECTIONS

HORI. SCALE: 1"=10'
VERT. SCALE: 1"=10'

## LEGEND

EXISTING GRADE LINES — — — —
FINAL GRADE LINES ————————
BENCHING EXCAVATION ═══ ═══

| NO | DATE | REVISION | APPR |
|---|---|---|---|
| | | | |

SUBMITTED
PROFESSIONAL

APPROVED
CHIEF – DIVISION OF MINE RECLAMATION

APPROVED
DIRECTOR – BUREAU OF DESIGN

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL-123 I-5

MINE DRAINAGE POLLUTION ABATEMENT
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY, PENNSYLVANIA

NICHOLAS-COWLEY-BROSIUS ASSOC. INC.
3300 NORTH THIRD STREET
HARRISBURG, PENNSYLVANIA 17110

# UPPER SWATARA CREEK
# SECTIONS - PART I

| DRAWN BY | DATE | DRAWING NO. |
|---|---|---|
| BENJ | Jan. 11, 1974 | 8 of 9 |
| CHECKED BY | SCALE | |
| HPC | As shown | |