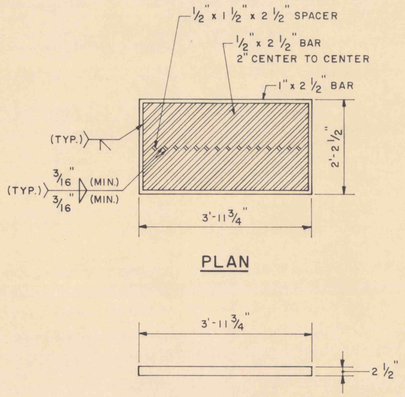
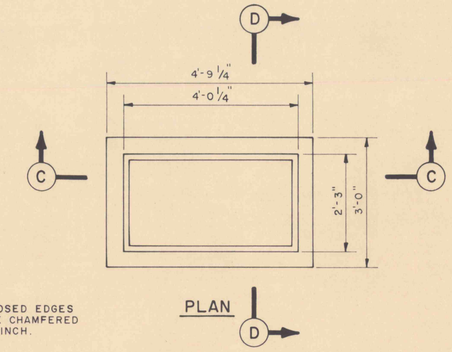


PLAN

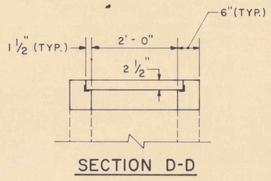
ELEVATION

STURUCTURAL STEEL GRATE

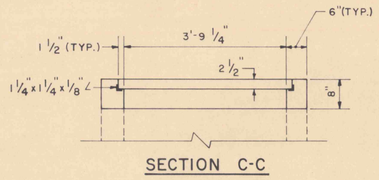


PLAN

NOTE:
ALL EXPOSED EDGES SHALL BE CHAMFERED 1 INCH x 1 INCH.

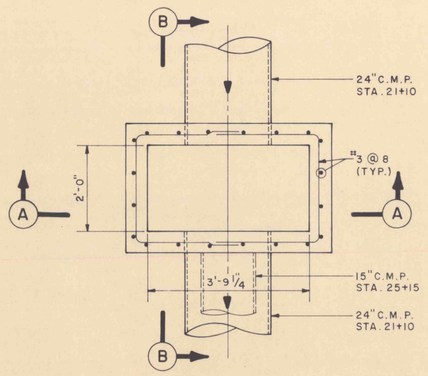


SECTION D-D



SECTION C-C

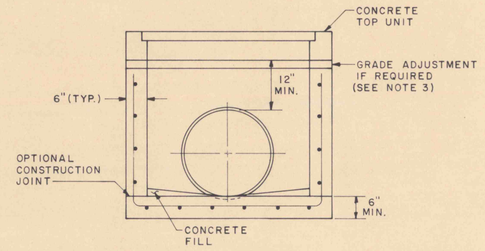
CONCRETE TOP UNIT



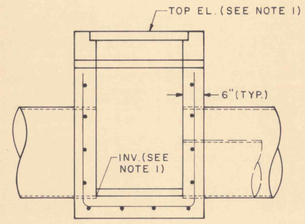
SECTIONAL PLAN

NOTES:

1. FOR TOP AND INVERT ELEVATIONS SEE STORM SEWER CONNECTION DETAILS.
2. PIPE OR PIPES SHALL BE LOCATED AS SHOWN ON DRAWINGS, WITH THE INLET BOTTOM SHAPED TO CHANNEL THE FLOW TOWARD THE OUTLET PIPE.
3. ADJUST TO GRADE WITH MAXIMUM OF THREE COURSES OF BRICK OR PRECAST CONCRETE GRADE RING.



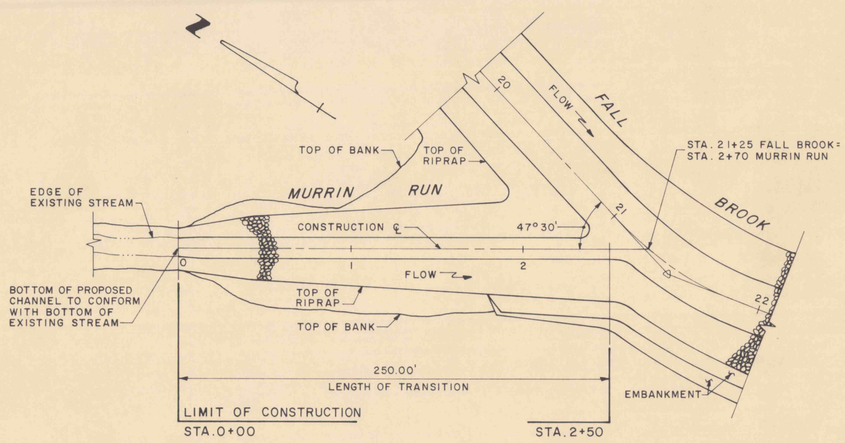
SECTION A-A



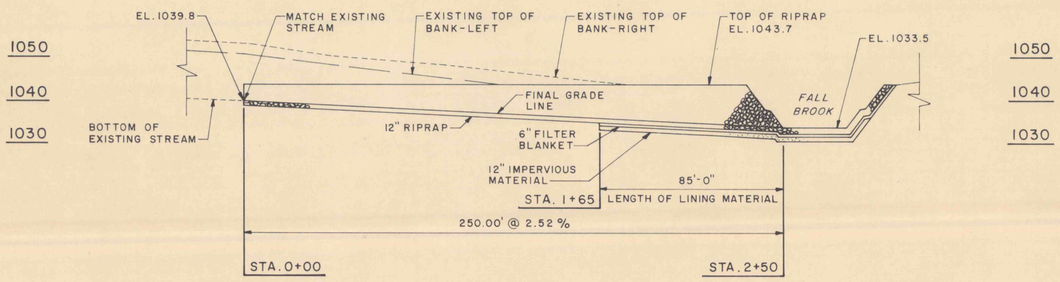
SECTION B-B

STORM SEWER INLET (A)

SCALE: ½" = 1'-0"

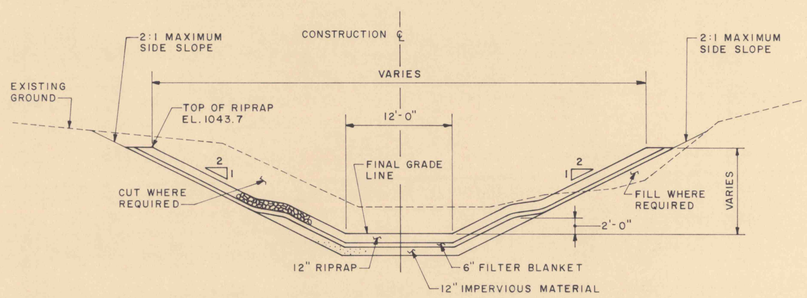


PLAN
SCALE: 1"=50'

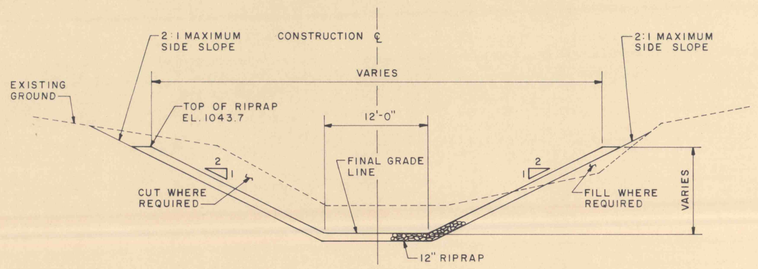


SECTIONAL ELEVATION
SCALE: HOR. 1"=40'
VERT. 1"=20'

TRANSITION - MURRIN RUN (B)



STA. 1+65 TO STA. 2+50



STA. 0+00 TO STA. 1+65

TYPICAL SECTIONS - MURRIN RUN
NO SCALE

NO.	DATE	REVISION	APPR.

SUBMITTED
PROFESSIONAL

APPROVED
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED
DIRECTOR - BUREAU OF DESIGN

REGISTERED PROFESSIONAL ENGINEER
DATE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

CONTRACT NO. SL 139-1-6-101.1

MINE DRAINAGE POLLUTION ABATEMENT
FALL BROOK
LACKAWANNA RIVER WATERSHED
LACKAWANNA COUNTY
PENNSYLVANIA

GANNETT FLEMING CORDDRY AND CARPENTER, INC.
Consulting Engineers
P.O. BOX 1963 HARRISBURG, PA.

MISCELLANEOUS DETAILS

DRAWN BY	DATE	DRAWING NO
T.A.S.	MAY, 1977	12 of 12
CHECKED BY	SCALE	
D.J.B.	AS SHOWN	