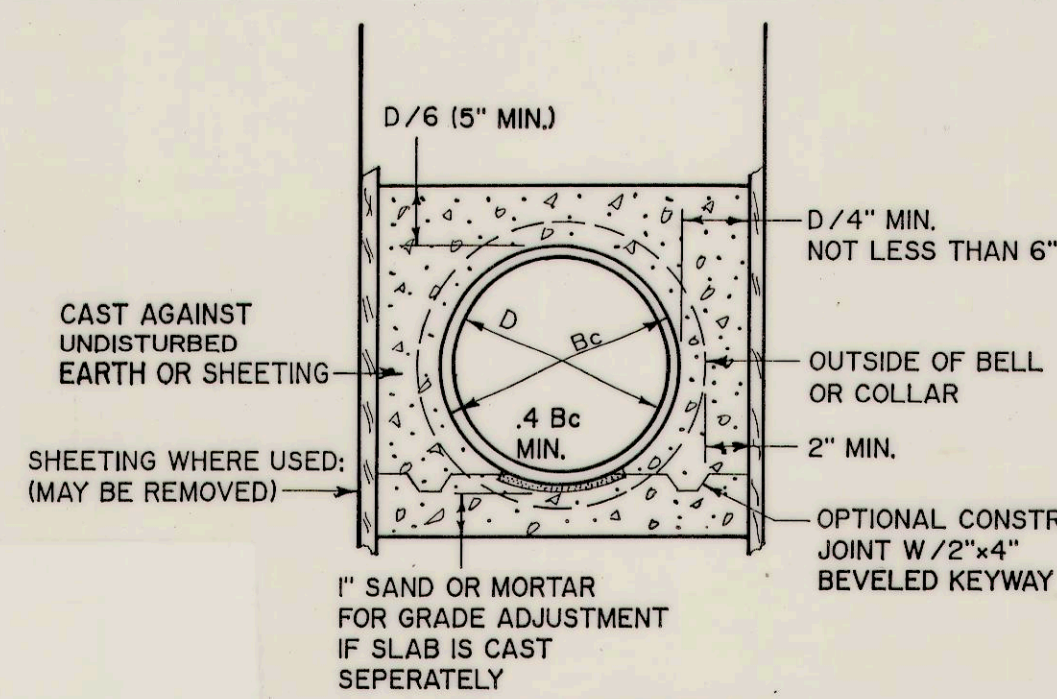
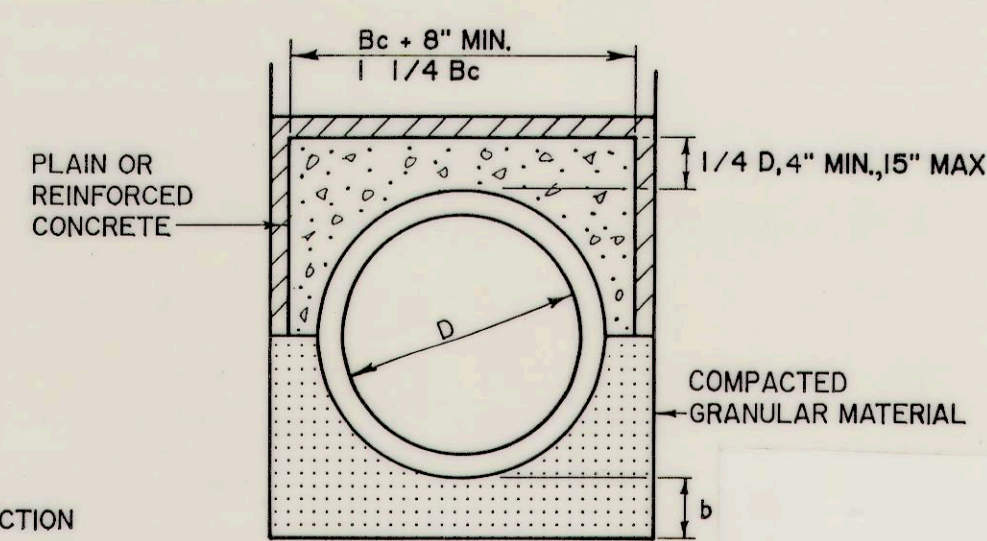


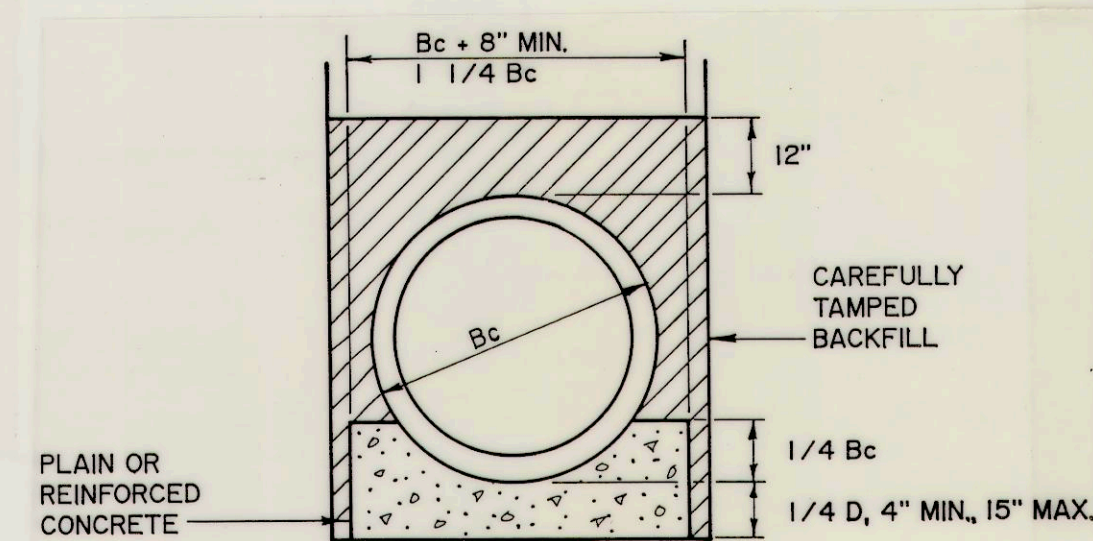


**CLASS 'A' BEDDING
CONCRETE ENCASEMENT**

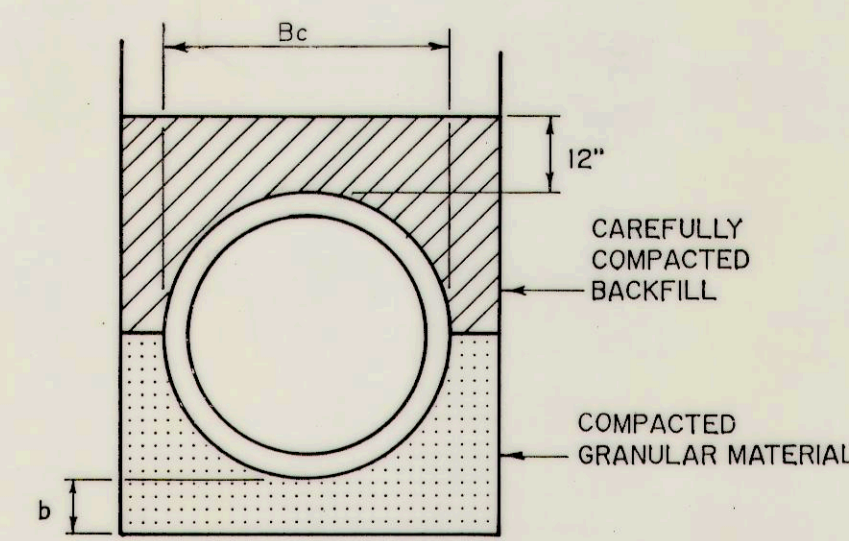


**CLASS 'A' BEDDING
CONCRETE ARCH**

NOTE:
BEDDING THICKNESS UNDER
PIPE BARREL, b, SHALL BE
1/8 Bc, 4" MIN., 6" MAX.

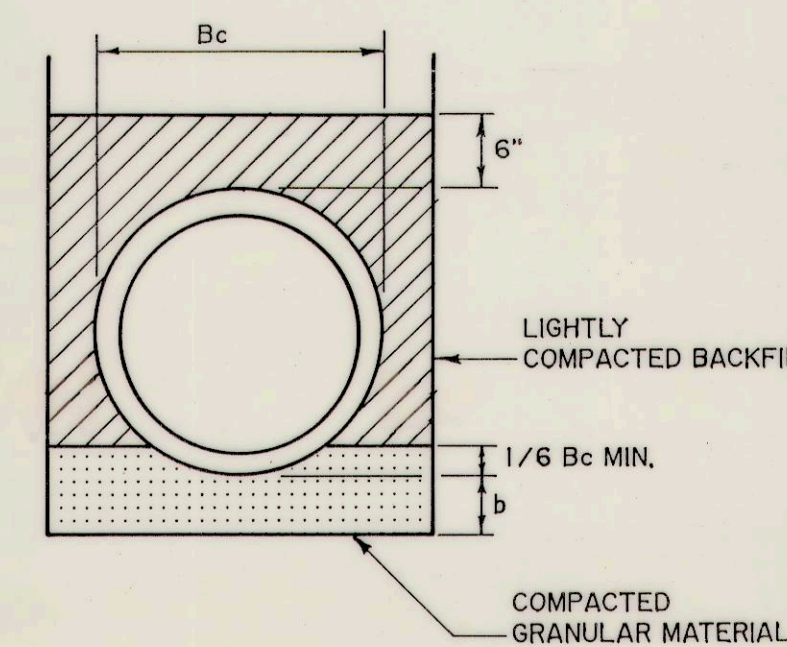


**CLASS 'A' BEDDING
CONCRETE CRADLE**



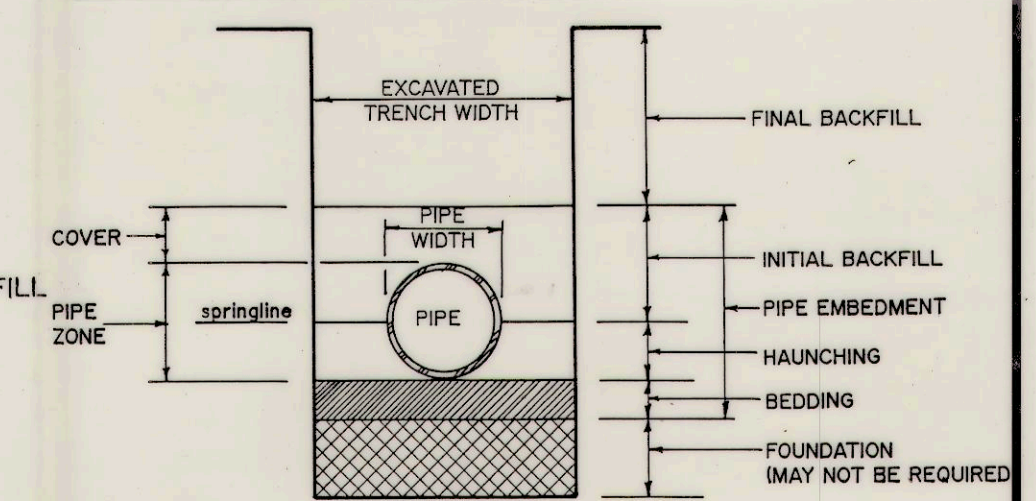
**CLASS 'B' BEDDING
COMPACTED GRANULAR**

NOTE:
BEDDING THICKNESS UNDER
PIPE BARREL, b, SHALL BE
1/8 Bc, 4" MIN., 6" MAX.

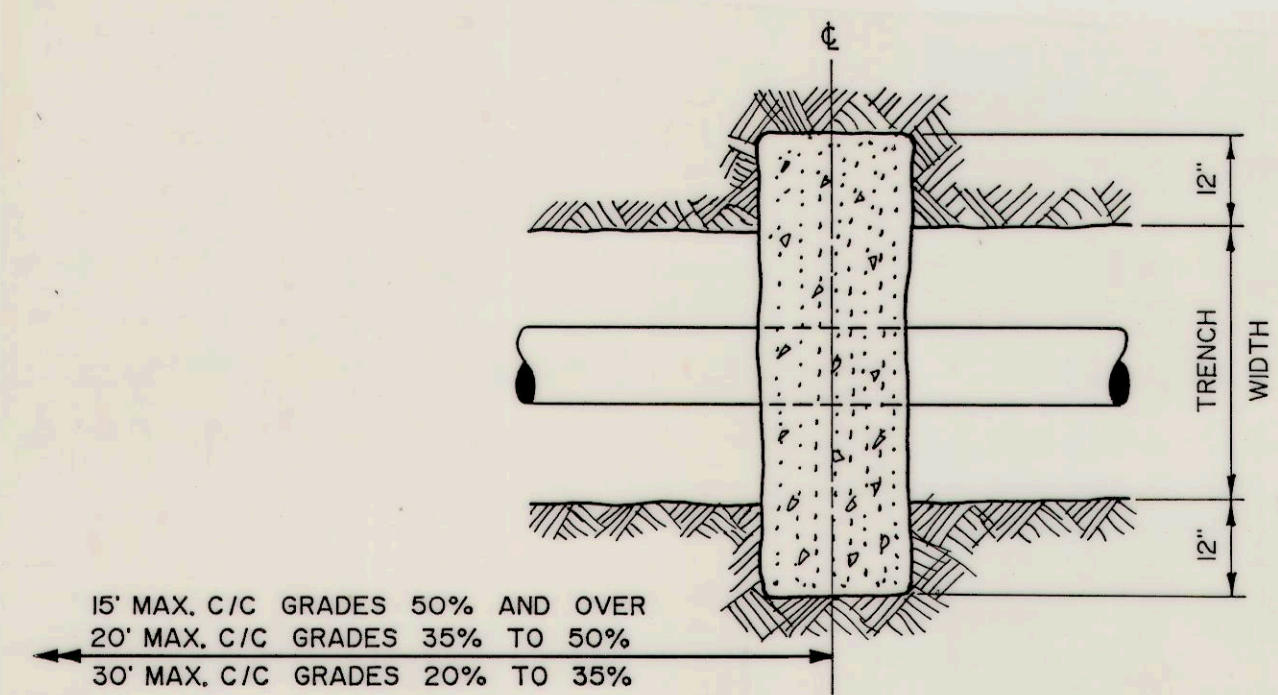


**CLASS 'C' BEDDING
GRANULAR**

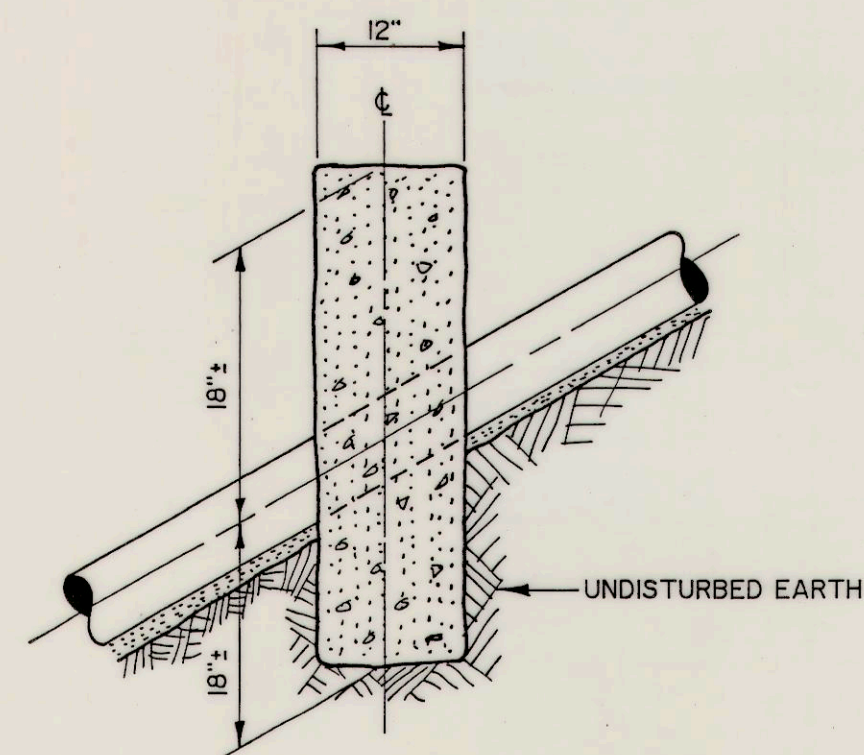
NOTE:
BEDDING THICKNESS UNDER
PIPE BARREL, b, SHALL BE
1/8 Bc, 4" MIN., 6" MAX.



**PIPE EMBEDMENT DETAIL
(SHOWN FOR TERMINOLOGY)**

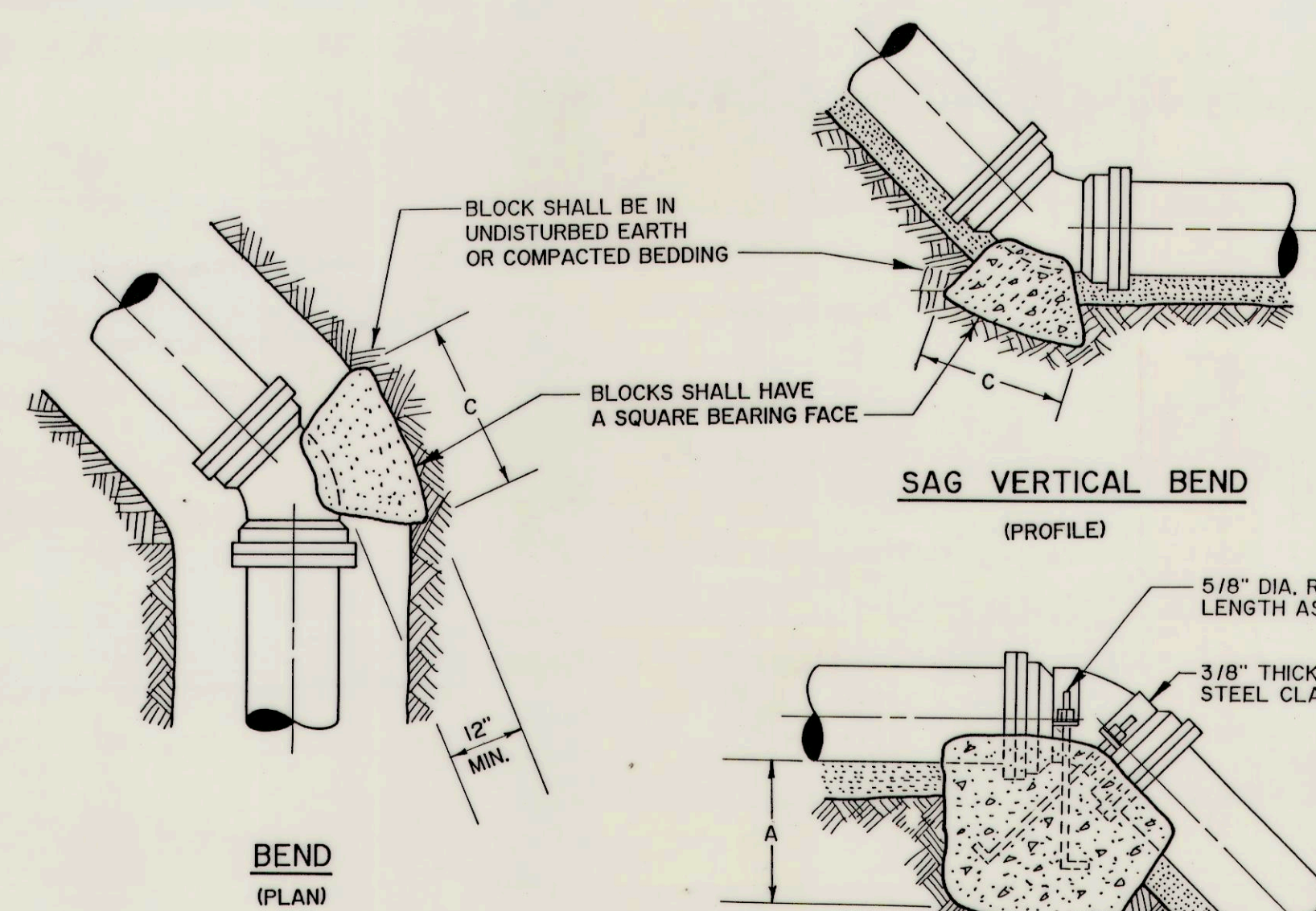


PLAN



ELEVATION

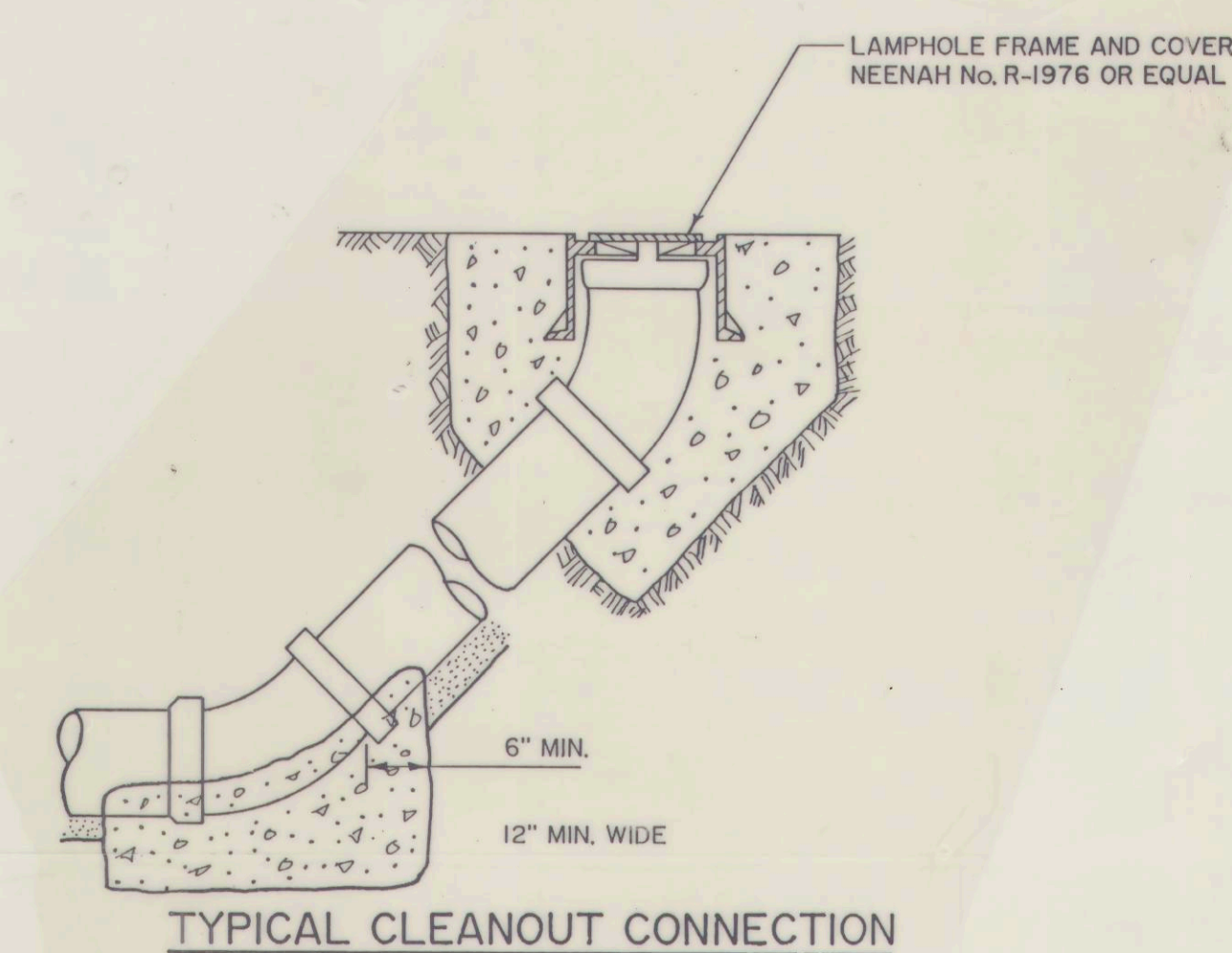
CONCRETE ANCHORS



**SAG VERTICAL BEND
(PROFILE)**

CREST VERTICAL BEND

TYPICAL CONCRETE THRUST BLOCKING



TYPICAL CLEANOUT CONNECTION



PROJECT INFORMATION
CITY OF ST. ALBANS
MUNICIPAL UTILITY COMMISSION
KANAWHA COUNTY, WEST VIRGINIA
WASTEWATER SYSTEM IMPROVEMENTS
EPA PROJECT No. C-540618-01
CONTRACT No. 2



Chapman Technical Group

DRAWING TITLE
WASTEWATER COLLECTION SYSTEM
STANDARD DETAILS

DRAWN
R. OSBORNE
CHECKED
G. BELCHER
DATE
SEPTEMBER, 1989
SCALE
AS SHOWN
PROJECT NUMBER
87016
DRAWING NUMBER