NOTE:
MANHOLES SHALL NOT BE INSTALLED
WITHIN THE LIMITS OF THE CONCRETE
ENCASEMENT OR THE STREAM BANKS

ROCK CHANNEL PROTECTION
PER SPECS

PIPE PER PLANS & SPECS

WIDTH
2

WIDTH
2

GRADE

NORMAL WATER
LEVEL

MIN TO TOP OF CASING

2'-6"

CONCRETE ENCASEMENT
TWICE STREAM WIDTH

CONCRETE ENCASEMENT

GRAVITY SEWER

1'-0"

1'-0"

ROCK CHANNEL
PROTECTION
ODOT TYPE "C"

FABRIC

SELECT EXCAVATED
MATERIAL

TRENCH WIDTH

CONCRETE
ENCASEMENT

TYPICAL CREEK
CROSSING
FOR GRAVITY
SEWERS