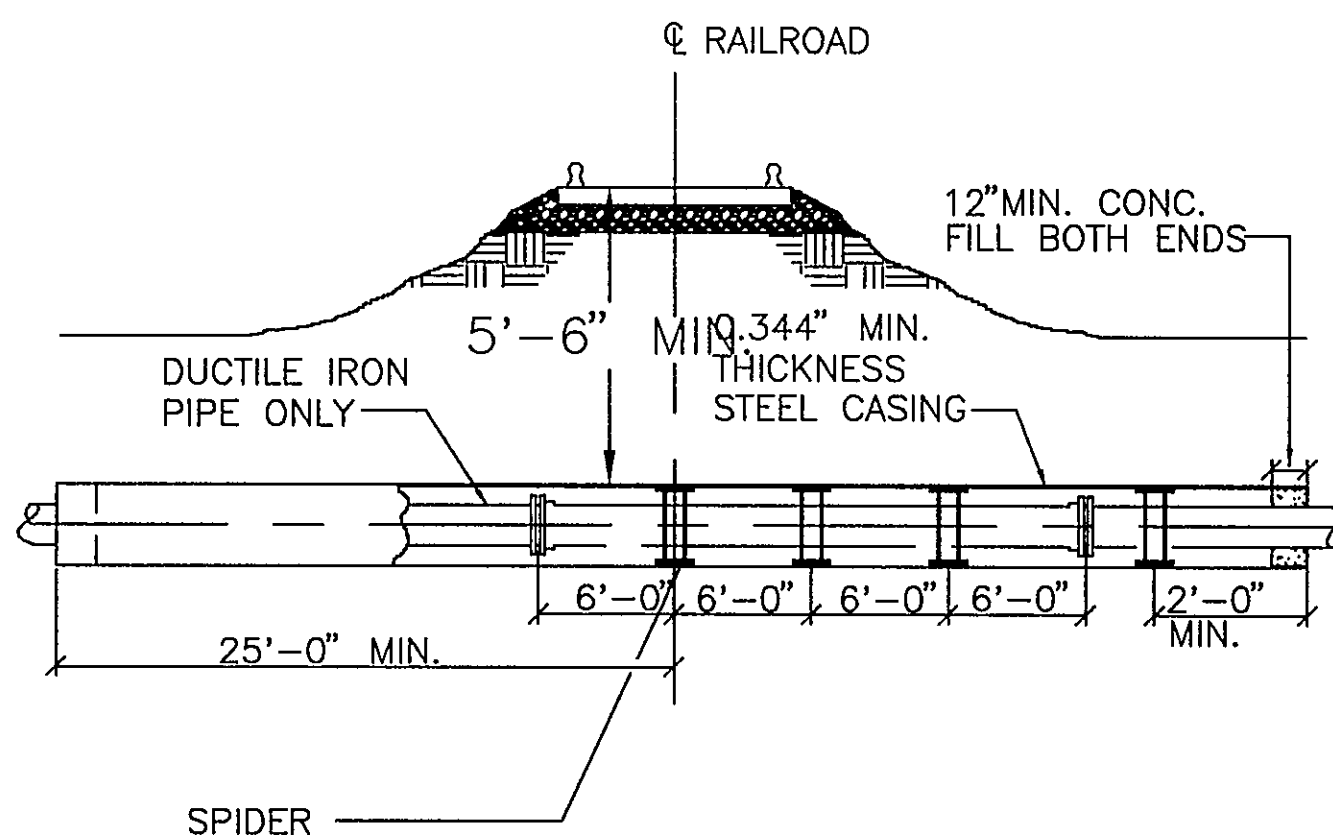


NOTE:
STEEL CASING TO EXTEND TO BACK OF CURB OR MIN. 3'-0" BEYOND EDGE OF PAVEMENT
ALL JOINTS IN CASING PIPES SHALL HAVE RESTRAINED JOINTS

TYPICAL STEEL SLEEVE
INSTALLATION UNDER ROADWAY
NTS

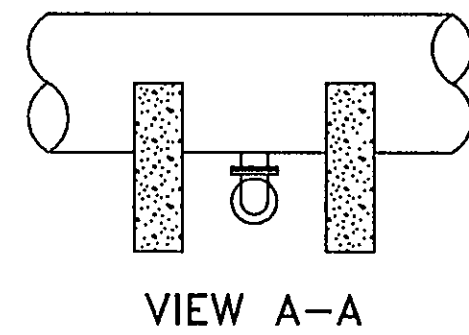
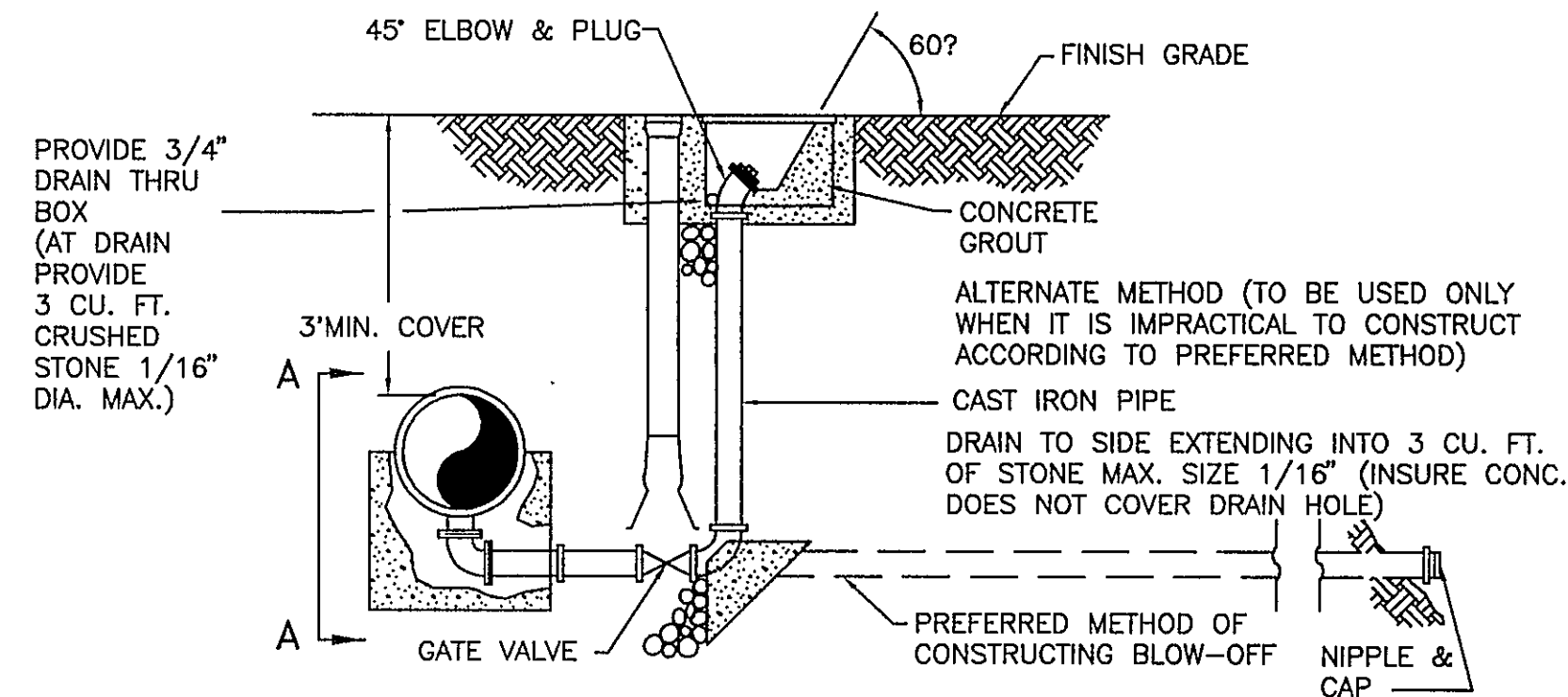


NOTE :
ALL JOINTS IN CASING PIPES SHALL HAVE RESTRAINED JOINTS

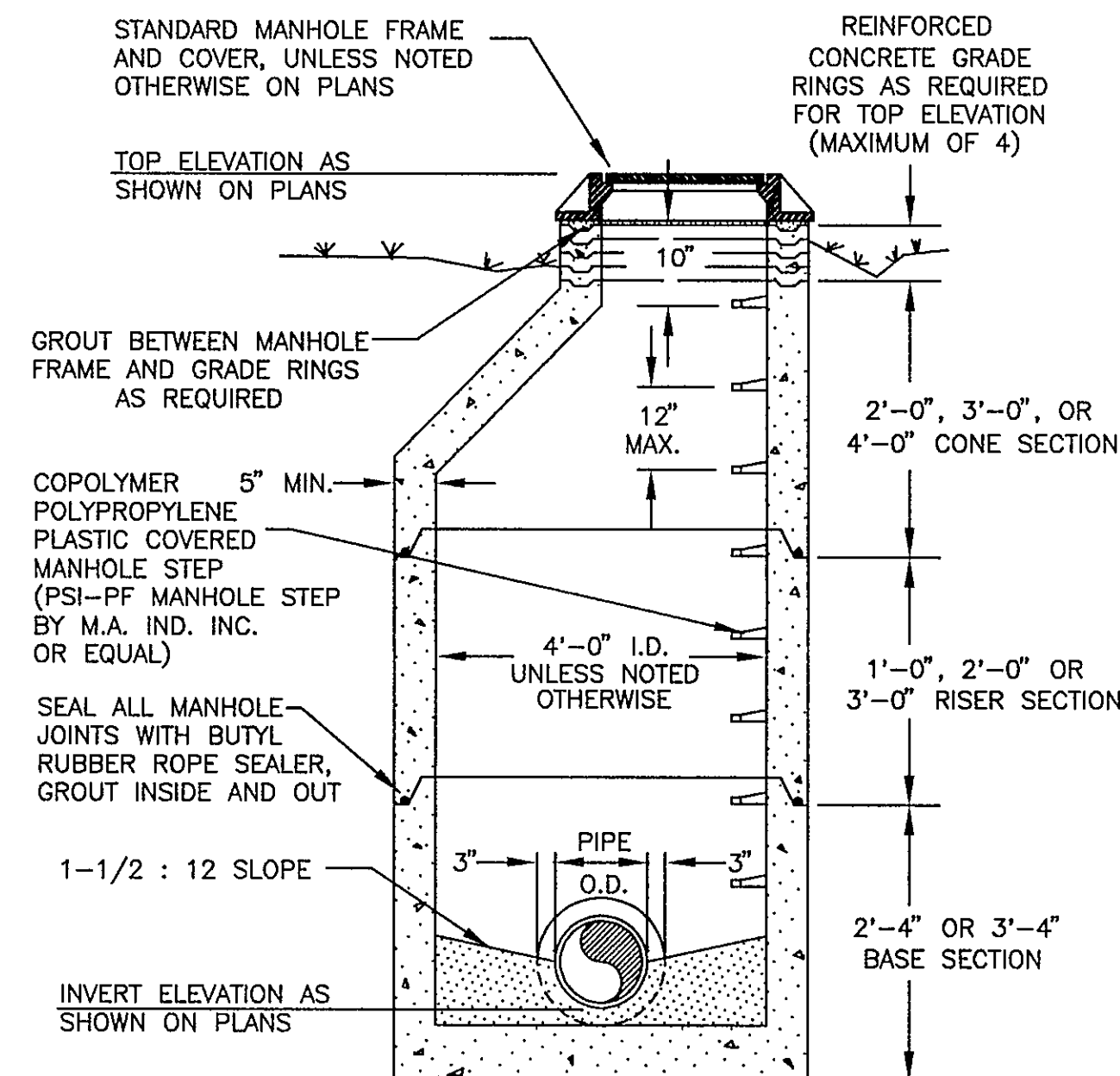
TYPICAL STEEL SLEEVE
INSTALLATION UNDER RAILROAD
NTS

BLOW-OFF VALVE CHART

PIPE SIZE	VALVE SIZE
30" - 36"	8"
16" - 24"	6"
6" - 12"	4"



BLOW-OFF DETAIL
NTS



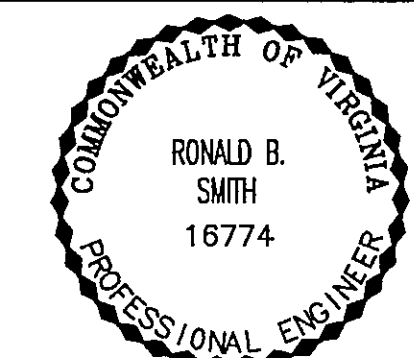
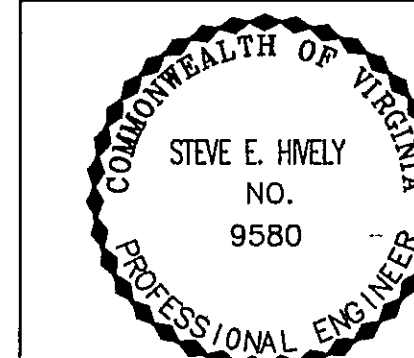
NOTE : MINIMUM REINFORCING SHALL BE 0.12 SQ. INCHES PER LINEAR FOOT IN EACH DIRECTION

STANDARD PRECAST MANHOLE
with MONOLITHIC BASE

NTS

LEGEND

	PROPOSED SANITARY SEWER LINE
	PROPOSED MANHOLE
	PROPOSED SERVICE LINE
	PROPOSED CLEANOUT
	PROPOSED FORCE MAIN
	PROPOSED WATER LINE
	PROPOSED EASEMENT
	PROPOSED RIGHT OF WAY
	PROPOSED FIRE HYDRANT
	PROPOSED SAMPLE HYDRANT
	PROPOSED VALVE (TYPE NOTED)
	PROPOSED VALVE W/VAULT (TYPE NOTED)
	PROPOSED AIR RELEASE / VACUUM VALVE W/VAULT (TYPE NOTED)
	PROPOSED BLOWOFF VALVE
	PROPOSED WATER METER
	PROPOSED CONCRETE ENCASEMENT
	PROPOSED STEEL ENCASEMENT
	EXISTING WATER LINE
	EXISTING SEWER LINE & MANHOLE
	EXISTING SEWER LINE
	EXISTING STORM PIPE (TYPE NOTED)
	EXISTING GAS LINE
	EXISTING POWER LINE
	EXISTING TELEPHONE CABLE
	EXISTING TELEVISION LINE/BOX
	EXISTING RIGHT OF WAY
	EXISTING EASEMENT
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING VALVE (TYPE NOTED)
	EXISTING VALVE W/VAULT (TYPE NOTED)
	EXISTING SIGN
	SPOT ELEVATION
	FIRST FLOOR ELEVATION
	BASEMENT ELEVATION
	UTILITY POLE & GUY WIRE
	SURVEY STATION & BASE LINE
	HUB & TAG
	IRON PIN FOUND
	FENCE
	ROCK WALL
	WATER
	TREE
	INEQUALITY
	BENCHMARK
	MONITORING WELL
	LIGHT
	SILT FENCE
	TEMPORARY SEDIMENT TRAP



ENGINEER'S SEAL

ENGINEER'S SEAL

AS BUILT

Architects
Engineers
Planners
Surveyors

Dewberry & Davis

5238 Valleypointe Parkway, Suite One-B
Roanoke, Virginia 24019
703 352-7725

Carvins Cove, Phase II
City of Roanoke
Roanoke, Virginia

CONTRACT "B2"
DETAILS
SOIL/EROSION CONTROL

Drawn By ACF
Designed By RBS
Checked By SEH

Date
APRIL 93

Scale
AS SHOWN

Plan Number
B2DTRWL3

Zoned
NONE

Sheet
22 of 22

File Number
C1160