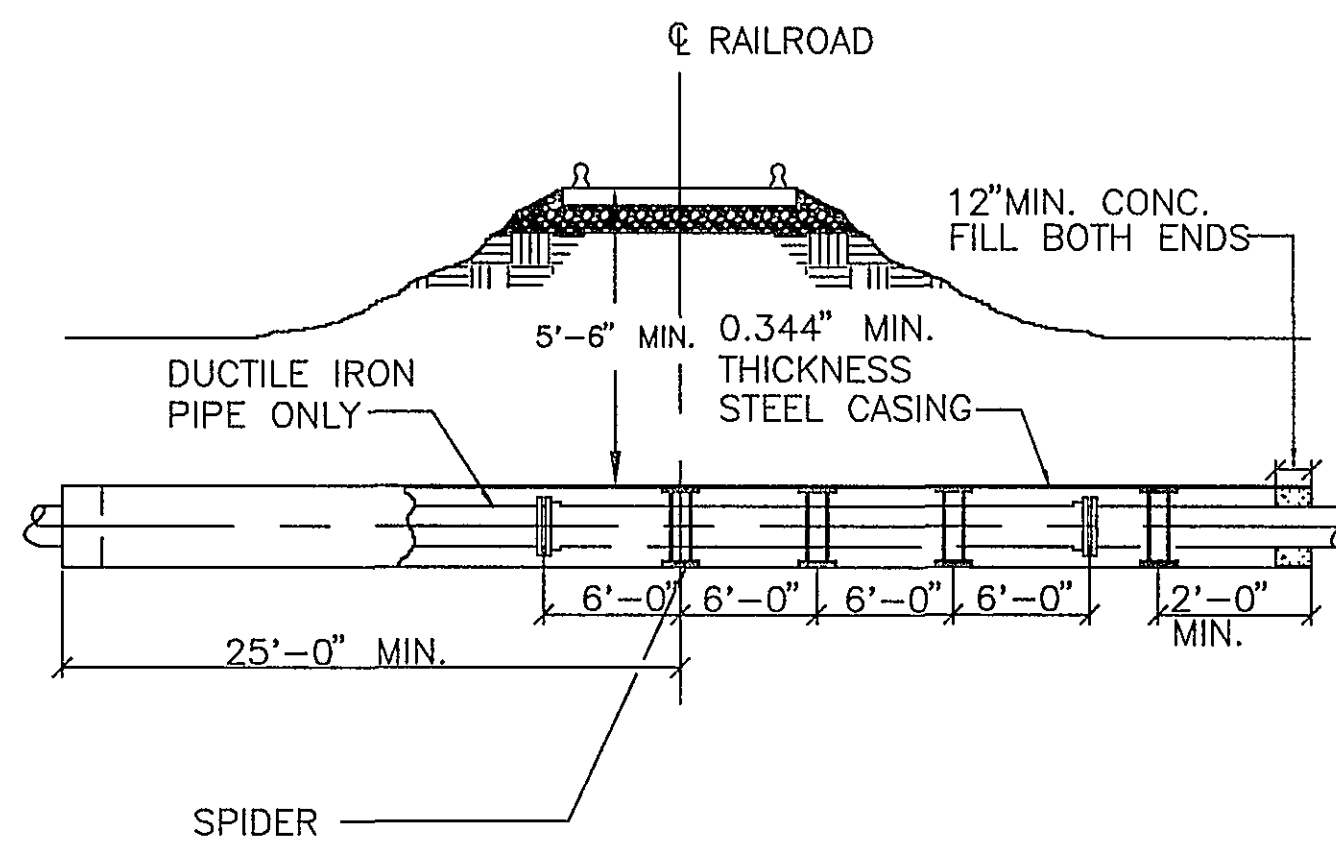


NOTE:

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



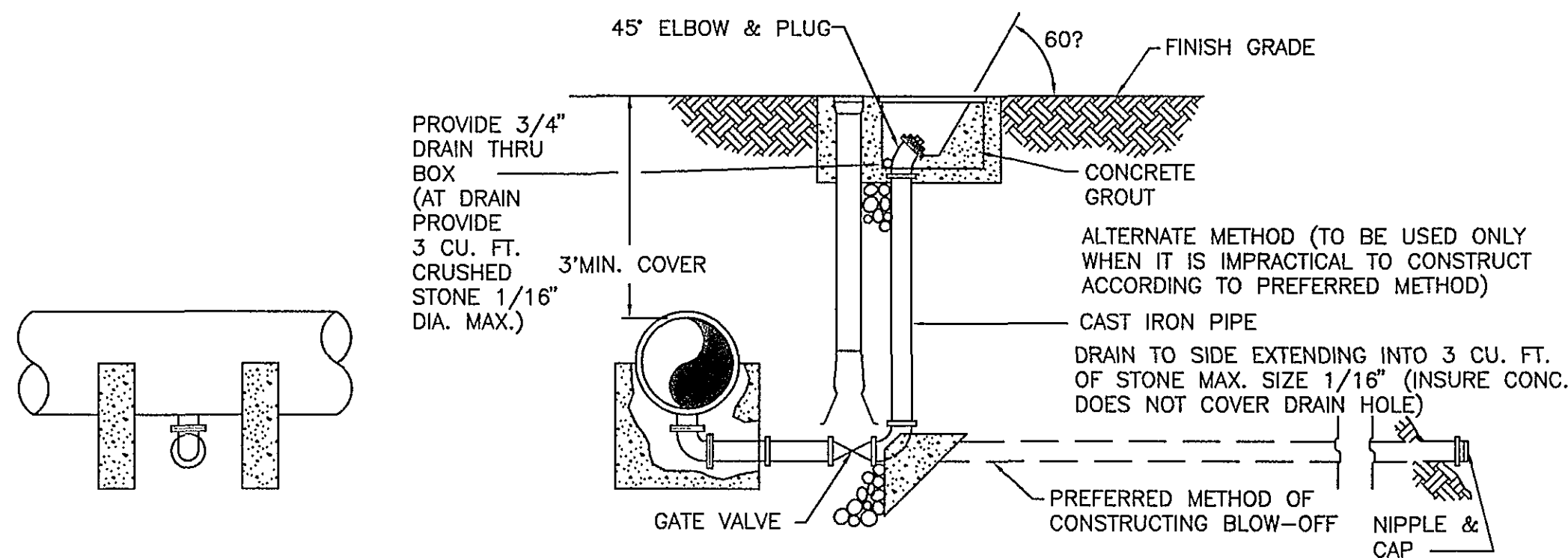
NOTE :

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

| 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 & TAC |
| | IRON PIN FOUND |
| | FENCE |
| | ROCK WALL |
| | WATER |
| | TREE |
| | INEQUALITY |
| | BENCHMARK |
| | MONITORING WELL |
| | LIGHT |
| | SILT FENCE |
| | TEMPORARY SEDIMENT TRAP |

AS BUILT

| | |
|-----------------|-----------------|
| | |
| ENGINEER'S SEAL | ENGINEER'S SEAL |

Architects
Engineers
Planners
Surveyors

Dewberry & Davis

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Carvins Cove, Phase II

City of Roanoke
Roanoke, Virginia

CONTRACT "C1"

DETAILS

SOIL/EROSION CONTROL

LEGEND

Drawn By ACF

Designed By RBS

Checked By SEH

Date MARCH 93

Scale AS SHOWN

Plan Number C1DTRWL3

Zoned NONE

Sheet 12 of 12

File Number C1160