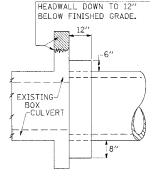
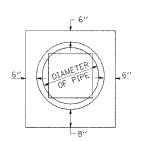
## **DETAILS OF CONCRETE COLLAR**



SIDE VIEW

REMOVE PORTION OF EXIST



END VIEW

## TABULATION

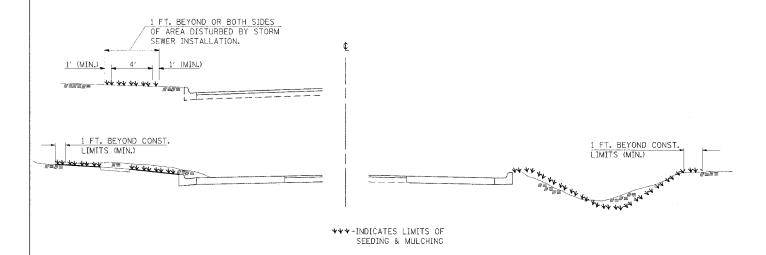
DIAMETER	CL SI CONC		
OF PIPE	CU YDS EST		
12′′	0.16		
15''	0.19		
18′′	0.21		
24"	0.29		
30"	0.37		
36"	0,44		
42"	0.53		
48′′	0.62		
54"	0.71		
60′′	0.81		
72"	1.03		

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR **CONCRETE COLLAR**, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS OF THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.



# **SEEDING & MULCHING**



#### GENERAL NOTES

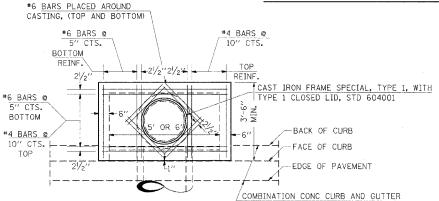
IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

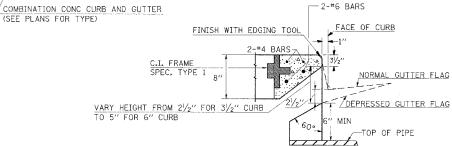
FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

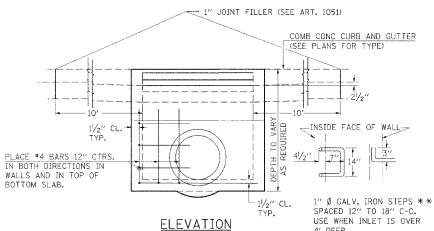
THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIME-STONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

# DETAILS OF INLET SPECIAL, TYPE 3, 5 FEET AND 6 FEET







DESIGN	PIPE DIA	"D"
Α	18"&LESS	2'-6'
В	21"&24"	3'-0'
С	27"&30"	3'-7'
D	33"&36"	4'-2'
E	42"	4'-9'
F	48"	5′-0′
C	54"	C/ 1/

SECTION AT WEIR

### NOTES:

PROVIDE  $1/2^{\prime\prime}$  CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

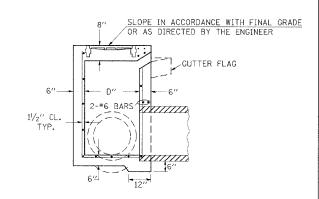
**PLAN** 

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 21/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLET, SPECIAL, TYPE 3, 5 FEET OR INLET, SPECIAL, TYPE 3, 6 FEET WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

\*\*THE GALVONIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN. MAY BE USED WHEN APPROVED BY THE ENGINEER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".



## SECTION

NOTE TO DESIGNER:

WHEN USING THIS STANDARD THE DESIGNER SHOULD ALSO CHECK BDE SPECIAL PROVISION 419 "PRECAST CONCRETE PRODUCTS".

S''. REVISION
REDRAWN	2-	
REVISED	1-	
STD. 9-1	REVISED	5-

DETAILS: CONCRETE COLLAR, SEEDING AND MULCHING, INLET SPECIAL TYPE 3, 5 FEET AND 6 FEET