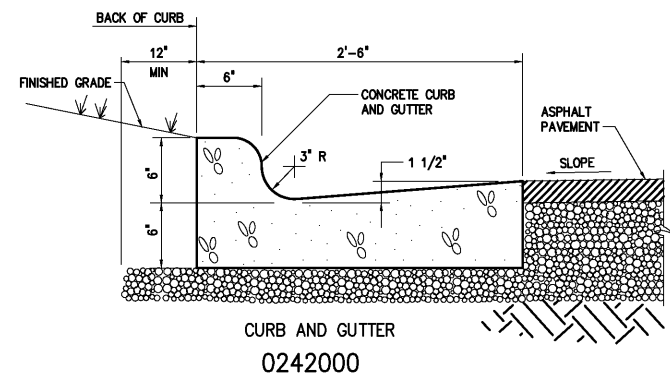
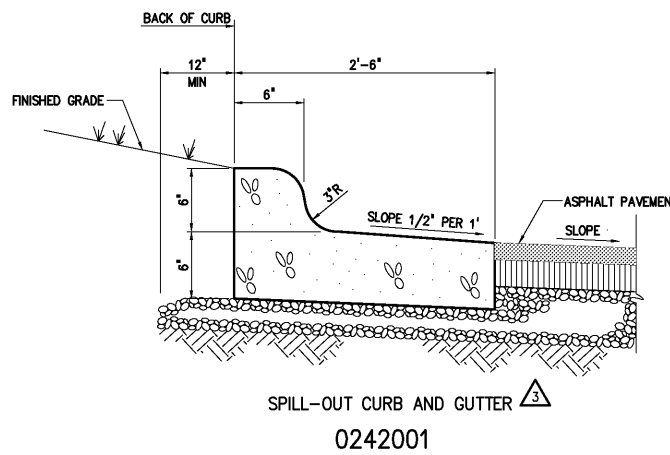
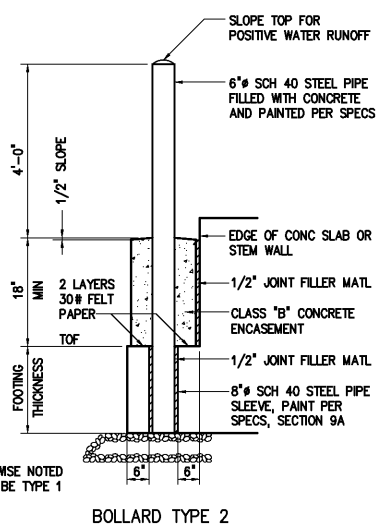
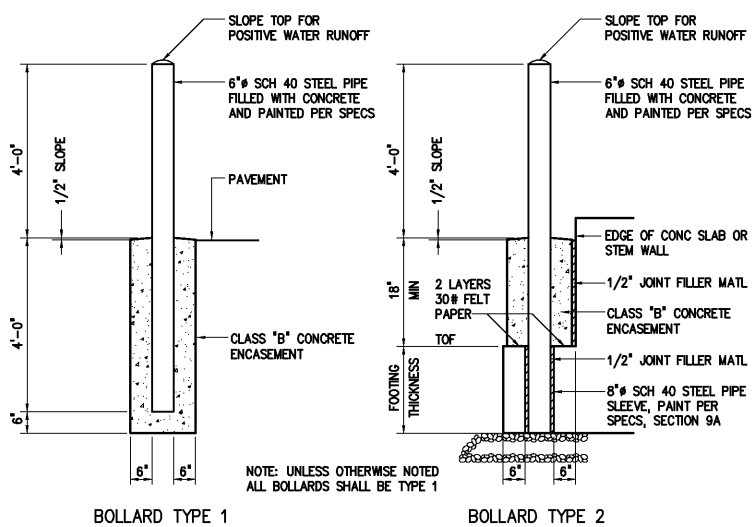


MINIMUM DIMENSIONS FOR CONCRETE CURB INLETS									
DIMENSIONS OF BOX AND PIPE							COVER DIMENSIONS		
PIPE	SPAN	WIDTH	WIDTH	SPAN	HEIGHT	HEIGHT			
D	A	B	C	G	MIN H ¹	H ²	E	F	
12"	3'-0"	2'-2"	—	—	2'-6"	—	—	—	—
15"	3'-0"	2'-2"	—	—	2'-9"	—	—	—	—
18"	3'-0"	2'-2"	—	—	3'-1"	—	—	—	—
24"	3'-0"	2'-2"	—	—	3'-7"	—	—	—	—
30"	3'-0"	2'-2"	3'-4"	3'-4"	3'-6"	VARIABLE	1'-8"	4'-0"	
36"	3'-0"	2'-2"	3'-10"	3'-10"	4'-1"		2'-2"	4'-0"	
42"	3'-0"	2'-2"	—	4'-5"	4'-10"		1'-11"	3'-2"	
48"	3'-0"	2'-2"	—	5'-0"	5'-4"		2'-6"	3'-2"	
54"	3'-0"	2'-2"	—	5'-7"	5'-11"		3'-1"	3'-2"	

- CONCRETE CURB INLET NOTES:
- CLASS "A" CONCRETE TO BE USED THROUGHOUT.
 - ALL WALLS SHALL BE REINFORCED WITH #4 BARS @ 12" EACH WAY PLACED AT MID-DEPTH. BARS SHALL BE BENT AT CORNERS WITH STD. 90° HOOKS. BOTTOM SLAB SHALL BE REINFORCED WITH #5 AT 12" EACH WAY AT MID-DEPTH.
 - ALL CURB INLETS OVER 3'-6" IN DEPTH TO BE PROVIDED WITH STEPS 14" OC. STEPS SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
 - FOR 8'-0" IN HEIGHT OR LESS USE 6" WALLS AND BOTTOM SLAB. OVER 8'-0" AND UP TO 15'-0" USE 8" WALLS AND BOTTOM SLAB.



NOTES:

- THE CONTRACTOR SHALL PROVIDE AND INSTALL STANDARD STEEL BEAM GUARD RAIL AS INDICATED ON THE CONTRACT DRAWINGS IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, LATEST EDITION FOR VOLUME 1, SECTION 501 AND VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARD SPECIFICATIONS, LATEST EDITION, SECTION 221 - "GUARD RAIL" AND SECTION 505 - "GUARD RAIL AND STEEL MEDIAN BARRIERS", EXCEPT THAT SUBSECTION 505.04 SHALL BE OMITTED. THE CONTRACTOR MAY FURNISH EITHER WOODEN POSTS OR METAL POSTS, BUT NOT BOTH.

DESIGNED	H & S
DRAWN	H & S
CHECKED	
PROJ. ENGR.	H & S
APPROVED	
NO.	
1	ISSUED FOR
2	CONSTRUCTION
3	REGULATORY APPROVAL
NO.	

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769

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RECORD DRAWING

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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

MISCELLANEOUS STANDARD DETAILS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	JANUARY 2004
	H & S JOB NUMBER	30788C
	CONTRACT NUMBER	C
	DRAWING NUMBER	D5