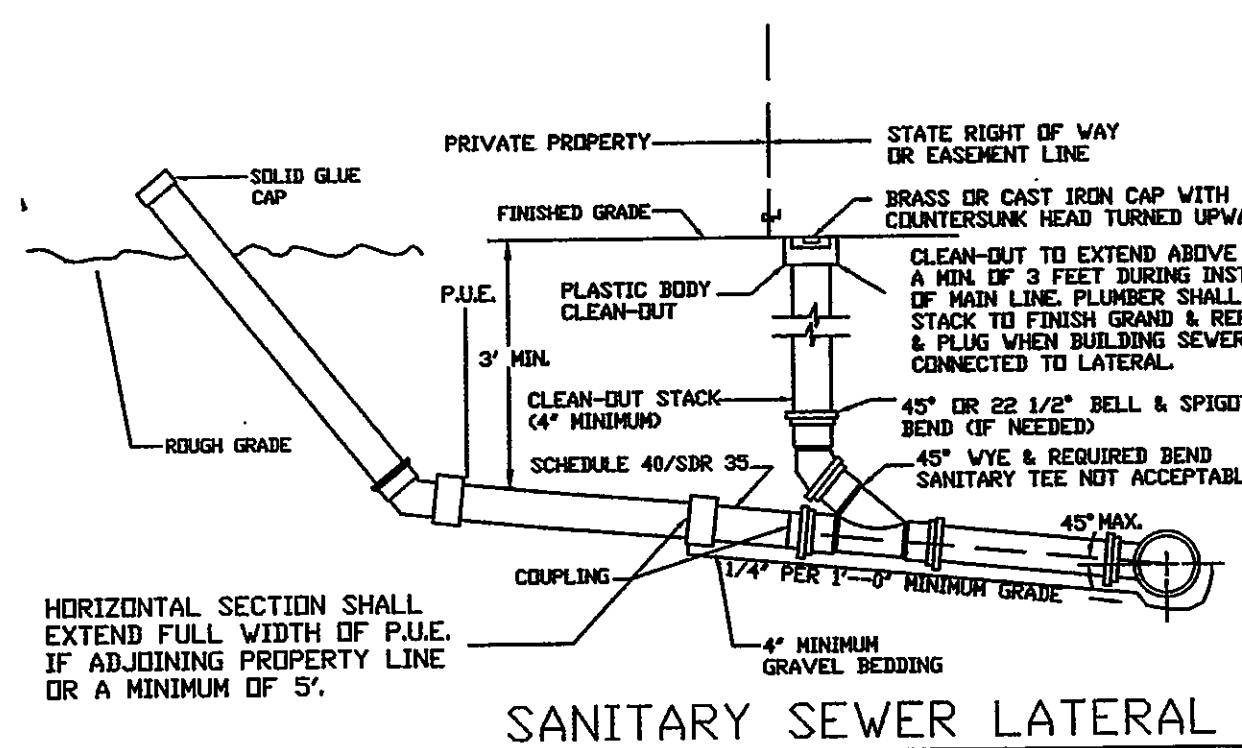
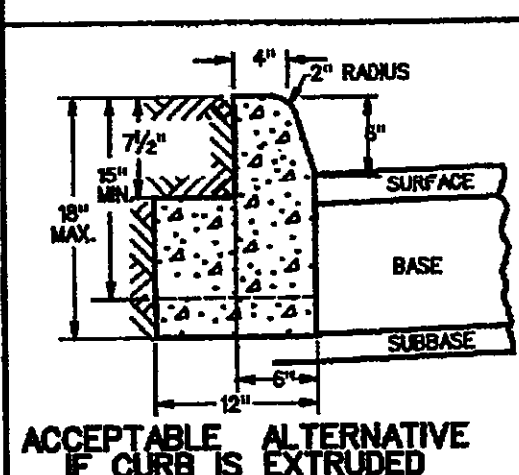
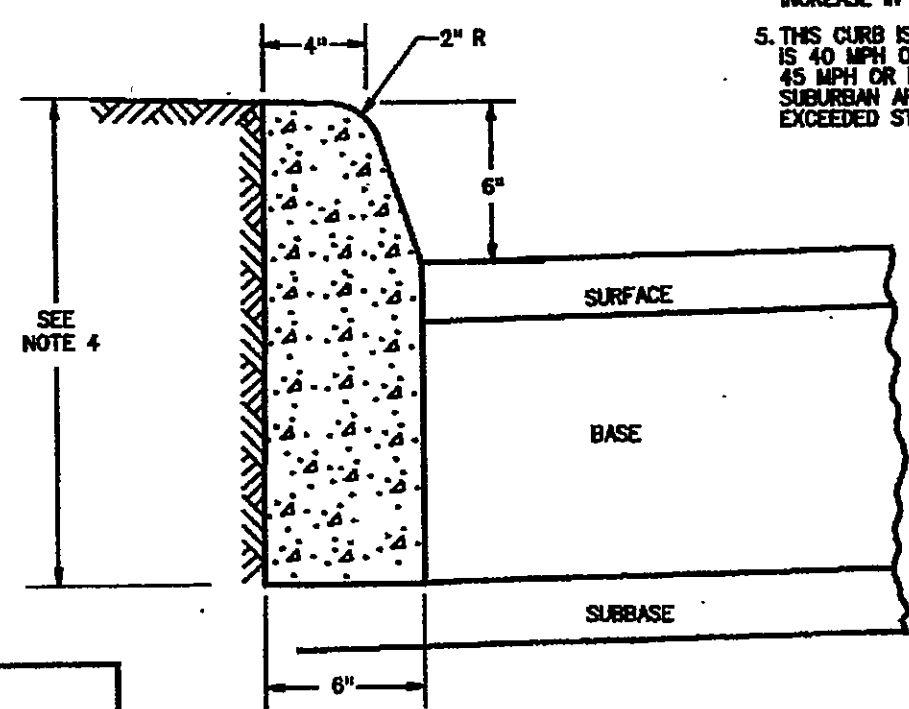


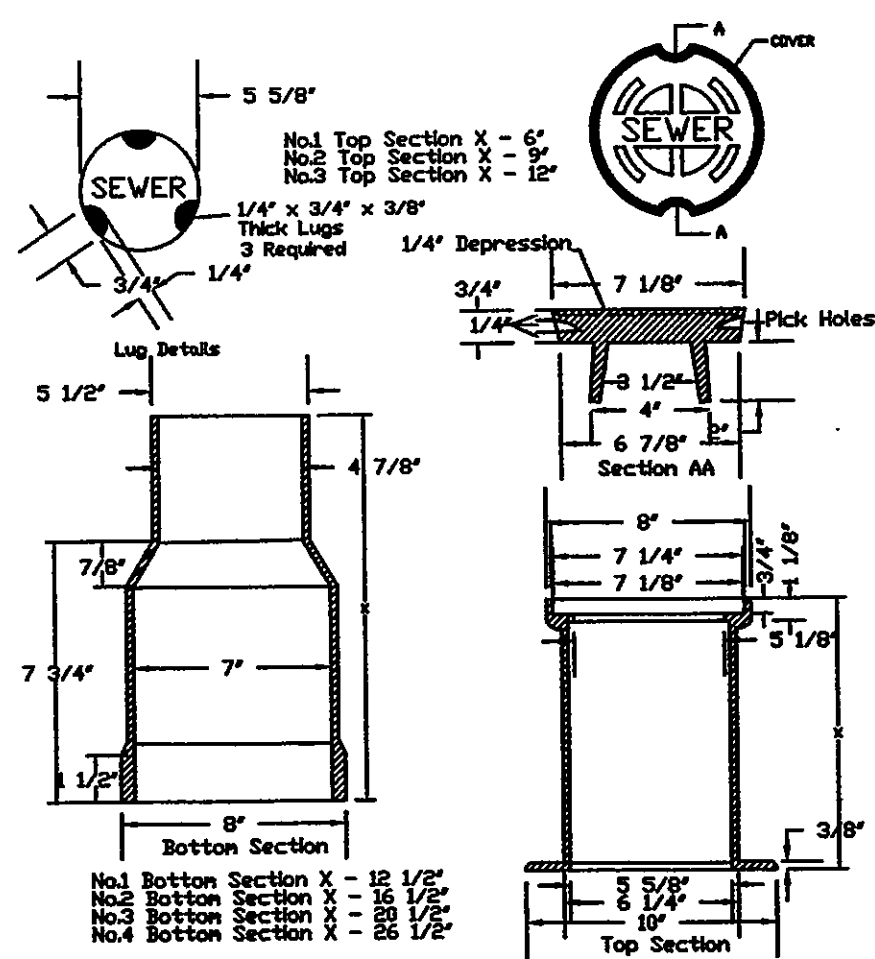
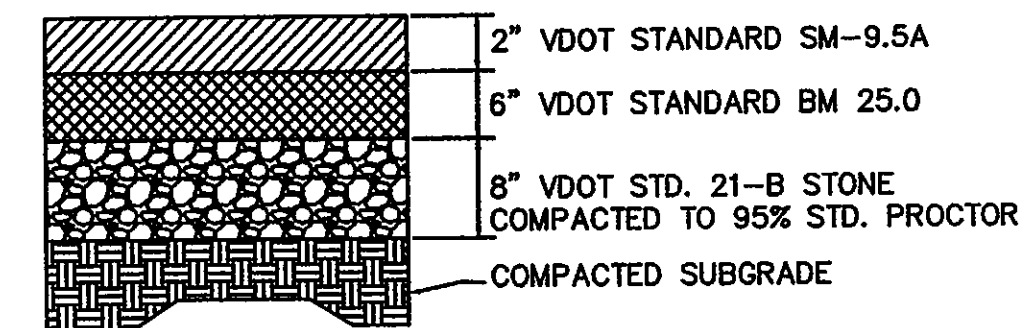


- GENERAL NOTES:
1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
 2. CONCRETE TO BE CLASS AS F CAST IN PLACE, 4000 PSI F PRECAST.
 3. CURB HAVING A RADIUS OF 300 FEET OR LESS ALONG FACE OF CURB WILL BE PAID FOR AS RADIAL CURB.
 4. THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (3" DEPTH OR INCREASED AS MUCH AS 3" (3" DEPTH) IN ORDER THAT THE BOTTOM OF CURB WILL CONFORM WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. OTHERWISE THE DEPTH IS TO BE 8" AS SHOWN. NO ADJUSTMENT IN THE PRICE IS TO BE MADE FOR A DECREASE OR AN INCREASE IN DEPTH.
 5. THIS CURB IS TO BE USED WHEN DESIGN SPEED IS 40 MPH OR LESS ON RURAL HIGHWAYS AND 45 MPH OR LESS IN DEVELOPED URBAN AND SUBURBAN AREAS. IF THESE DESIGN SPEEDS ARE EXCEEDED STANDARD CG-3 IS REQUIRED.

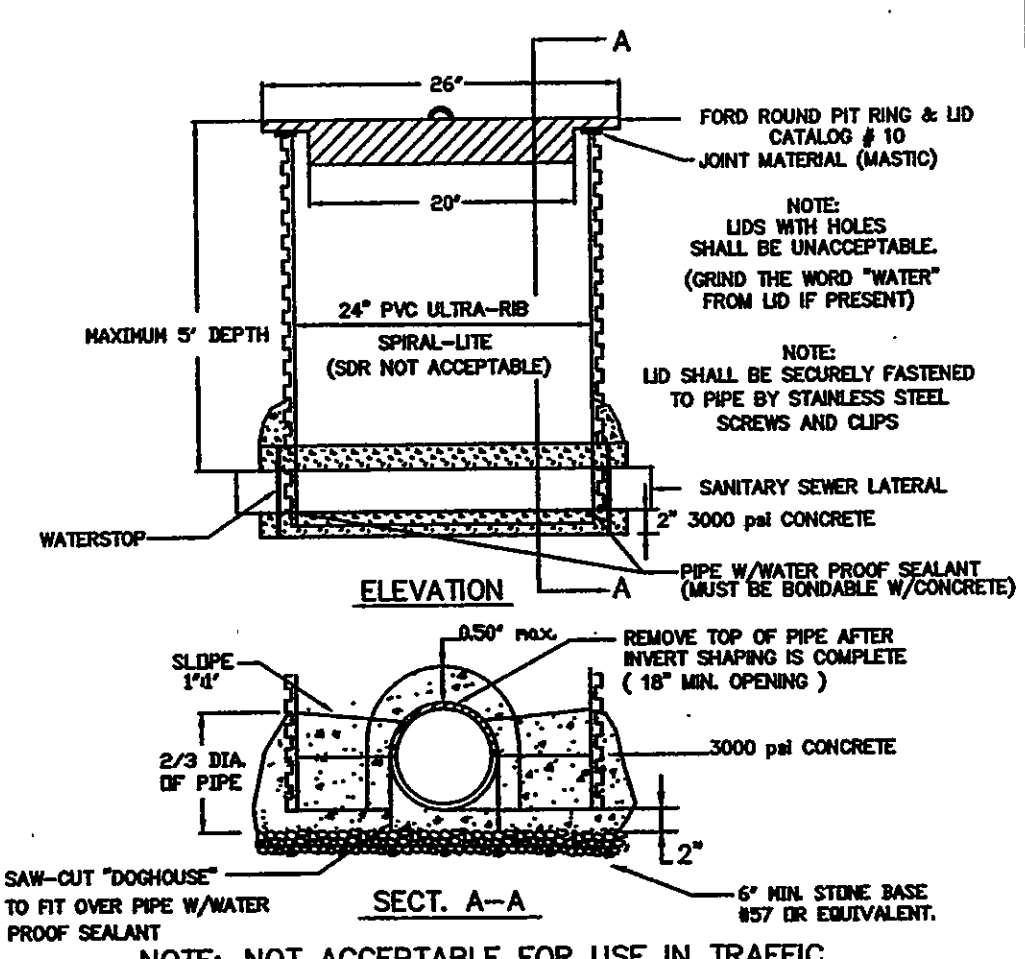


SPECIFICATION REFERENCE
105
502

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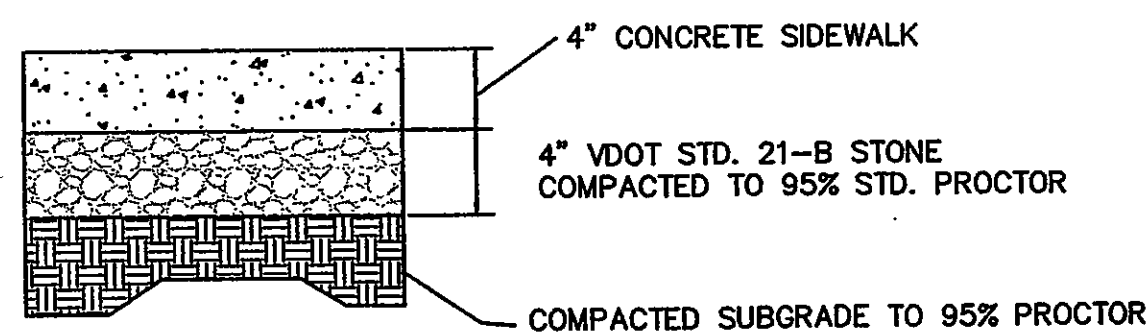


NOTE: A MINIMUM CLEARANCE OF 4 INCHES IS REQUIRED BETWEEN CLEANOUT CAP AND TOP OF COVER.



NOTE: NOT ACCEPTABLE FOR USE IN TRAFFIC AREAS OR AREAS SUBJECT TO FLOODING.

SEE COUNTY SPECIFICATIONS FOR ADDITIONAL INFORMATION



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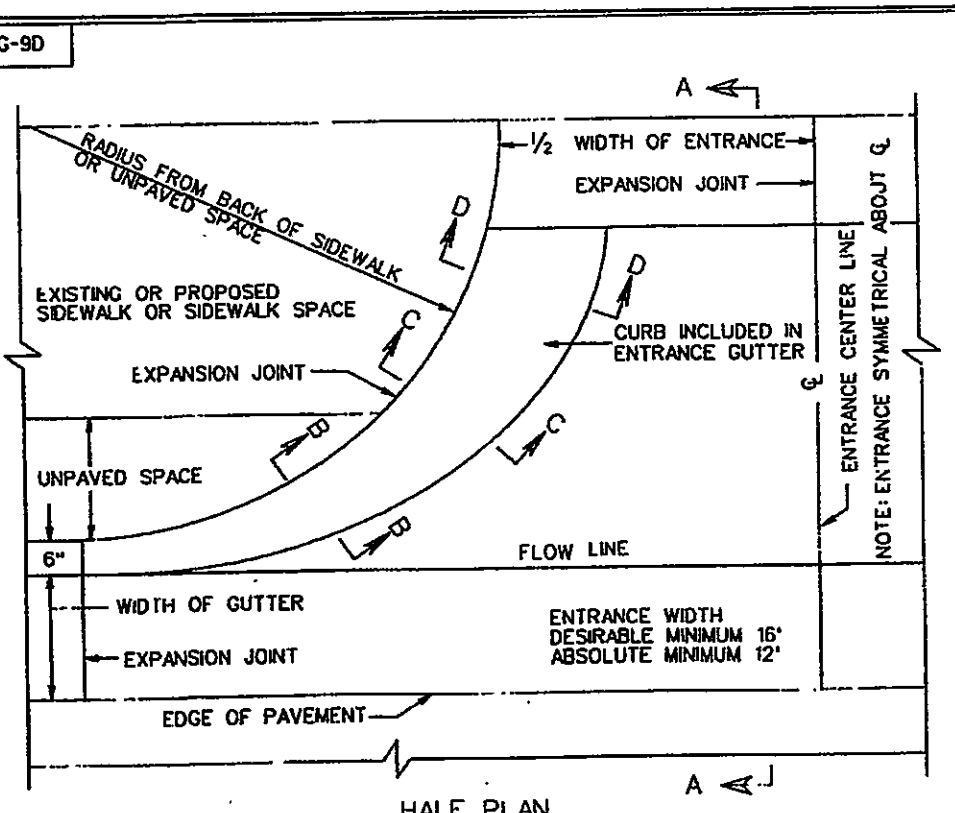
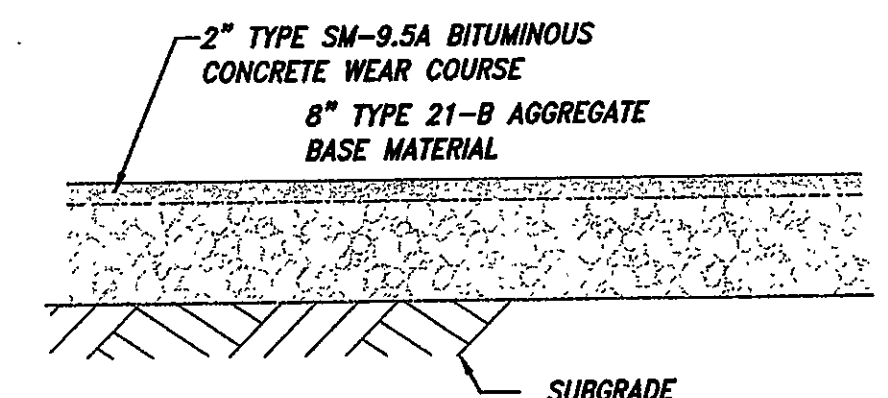
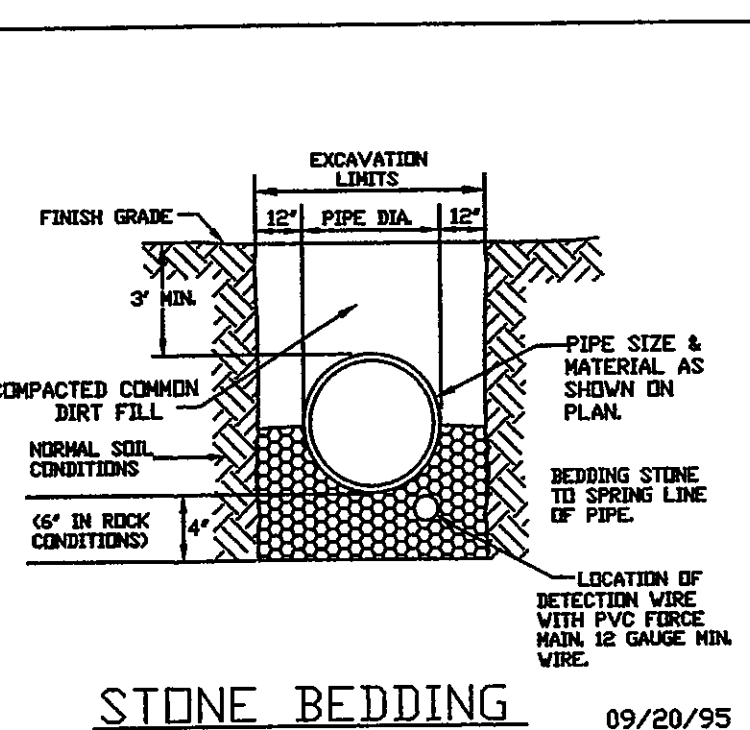
TABLE OF QUANTITIES

TYPE	L	AREA OF SLOT	REINFORCING STEEL												WEIGHT
			Concrete	Bars A	Bars B	Bars C	Bars D	Bars E	Bars F	Bars G	Bars H	Bars I	Bars J	Bars K	
DI-3A	1.15	2.28	-	-	-	-	-	-	-	-	-	-	-	-	22
DI-3B	1.83	2.59	5	1-#4	8	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	44
DI-3C	4.42	4.78	5	2-#4	8	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	101
DI-3D	3.67	3.48	5	2-#4	10	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	159
DI-3E	4.58	3.80	5	2-#4	14	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	204
DI-3F	5.50	4.34	5	2-#4	18	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	252
DI-3G	6.42	4.78	5	2-#4	22	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	300
DI-3H	7.33	5.22	5	2-#4	26	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	348
DI-3I	8.25	5.68	5	2-#4	30	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	396
DI-3J	9.17	6.09	5	2-#4	34	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	444
DI-3K	10.09	6.55	5	2-#4	38	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	492
DI-3L	11.01	7.01	5	2-#4	42	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	540
DI-3M	11.93	7.47	5	2-#4	46	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	588
DI-3N	12.85	7.93	5	2-#4	50	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	636
DI-3O	13.77	8.39	5	2-#4	54	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	684
DI-3P	14.69	8.85	5	2-#4	58	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	732
DI-3Q	15.61	9.31	5	2-#4	62	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	780
DI-3R	16.53	9.77	5	2-#4	66	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	828
DI-3S	17.45	10.23	5	2-#4	70	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	876
DI-3T	18.37	10.69	5	2-#4	74	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	924
DI-3U	19.29	11.15	5	2-#4	78	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	972
DI-3V	20.21	11.61	5	2-#4	82	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	1020
DI-3W	21.13	12.07	5	2-#4	86	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	1068
DI-3X	22.05	12.53	5	2-#4	90	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	1116
DI-3Y	22.97	12.99	5	2-#4	94	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	1164
DI-3Z	23.89	13.45	5	2-#4	98	8-7/8" to 8-10"	3	3-7/8"	4	1-#4	3	1-#4	4	1-#4	1212

NOTES

1. DEPTH OF INLET (H) TO BE SHOWN ON PLANS.
2. THE "H" DIMENSION SHOWN ON THE STANDARDS AND SPECIFIED ON THE PLANS WILL MEASURED FROM THE INVERT OF THE OUTFALL PIPE TO THE TOP OF THE STRUCTURE. THE INVERT OF THE STRUCTURE SHALL BE SHOWN ON THE PLANS. FOR ESTIMATING PURPOSES AND THE ACTUAL DIMENSIONS SHALL BE DETERMINED BY THE CONTRACTOR FROM FIELD CONDITIONS.
3. WHEN SPECIFIED ON THE PLANS THE INVERT IS TO BE SHOWN IN ACCORDANCE WITH STANDARD CG-1. THE COST OF FURNISHING AND PLACING ALL MATERIALS INCIDENTAL TO THE SHAPING IS TO BE INCLUDED IN THE BID PRICE FOR THE STRUCTURE.
4. IN THE EVENT THE INVERT OF THE OUTFALL PIPE IS HIGHER THAN THE BOTTOM OF THE STRUCTURE, THE INVERT OF THE STRUCTURE SHALL BE SHOWN WITH CEMENT MORTAR TO PREVENT STANDING OR FLOODING OF WATER IN THE STRUCTURE. THE COST OF FURNISHING AND PLACING ALL MATERIALS INCIDENTAL TO THE SHAPING IS TO BE INCLUDED IN THE BID PRICE FOR THE STRUCTURE.
5. STEPS ARE TO BE PROVIDED WHEN H IS 4'-0" OR GREATER. FOR DETAILS SEE STANDARD ST-1.
6. THIS ITEM MAY BE PRECAST OR CAST-IN-PLACE.
7. #4 X 8" SMOOTH DOWELS AT APPROXIMATELY 10' ON C-C TO BE PLACED IN ALL AREAS ADJACENT TO ADJUTING CONCRETE TO PREVENT SETTLEMENT.
8. 3/4" DIAMETER WEEP HOLE TO BE LOCATED TO DRAIN SUBGRADE MATERIAL. WEEP HOLE WITH 1/2" GALVANIZED STEEL WIRE-MESH WIRE DIAMETER 0.03" NUMBER 4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO THE OUTSIDE OF THE STRUCTURE.
9. ALL REINFORCING STEEL SHALL HAVE A MIN. COVER OF 2".
10. ALL REINFORCING STEEL TO BE CUT CLEAR OF ALL OPENINGS BY 2".
11. CAST-IN-PLACE CONCRETE IS TO BE CLASS AS 3000 PSI. PRECAST CONCRETE IS TO BE 4000 PSI.
12. LENGTH OF SLOT (L) WILL, IN EVERY CASE, BE SHOWN ON PLANS.
13. IF INLET IS CONSTRUCTED IN MEDIAN CURB OR WITH INTEGRAL CURB, GUTTER IS TO BE OMITTED (SEE DETAIL).
14. STANDARD MEETS MAY BE CONSTRUCTED WITH CONCRETE BLOCKS IN ACCORDANCE WITH THE DETAILS SHOWN ON STANDARD DRAWING D-10.
15. THIS AREA MAY BE EARTHEN IN WHICH CASE THE EXPANSION JOINTS WILL APPLY ONLY TO CURB AND GUTTER.
16. CONCRETE QUANTITIES SHOWN ARE FOR DEPTH 8' OF 8'-0" WITHOUT PIPES. THE AMOUNT OF 8'-0" PLASTIC HARDWARE CLOTH WITH DIFFERENT DEPTHS AND OR SUBTRACT 0.32 CUBIC YARDS OF CONCRETE FOR EACH FOOT OF DEPTH.
17. LENGTH OF ANGLE IRON AS SHOWN ON SHEET 1 OF 2 IS TO BE L-16" AT 4.10 LBS./FT..
18. * DENOTES LENGTH OF ONE (1) BAR.
19. ALL REINFORCING BARS TO BE #5.
20. WHEN INLET IS USED IN 4'-0" MEDIAN BACK OF INLET IS TO BE SHAPED TO CONFORM TO PROPOSED CURB.

Sheet 2 of 2



ADDITIONAL RIGHT-OF-WAY IS REQUIRED IF THE LIMITS OF PEDESTRIAN ACCESS ROUTE (B) EXTEND BEYOND EXISTING OR PROPOSED VDOT RIGHT-OF-WAY.

DETAIL TO BE USED WHEN THE COMBINED WIDTH OF UNPAVED SPACE AND SIDEWALK SPACE IS LESS THAN 7'.

PEDESTRIAN ACCESS ROUTES PROVIDE A CONTINUOUS UNOBSTRUCTED, STABLE, FIRM AND SLIP RESISTANT PATH CONNECTING ALL ACCESSIBLE ELEMENTS OF A FACILITY THAT CAN BE APPROACHED, ENTERED AND USED BY PEDESTRIANS.

IF PEDESTRIAN ACCESS ROUTES (B) ARE BEING PROVIDED, A MINIMUM 4' TRAVERSABLE WIDTH IS REQUIRED WITH A MAX. 2% CROSS SLOPE.

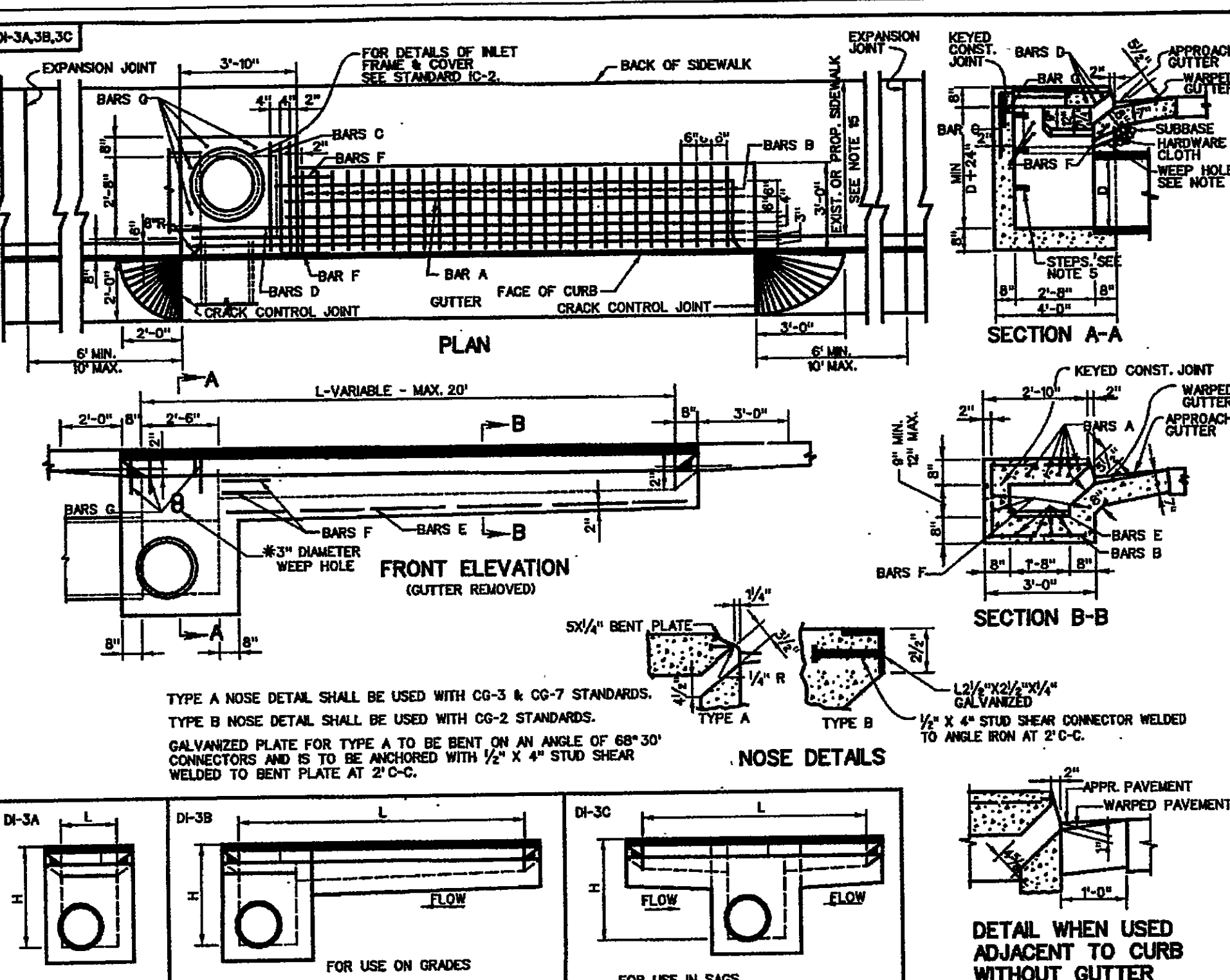
WHEN USED IN CONJUNCTION WITH STANDARD CG-3 OR CG-7, THE CURB FACE ON THE STANDARDS IS TO BE ADJUSTED TO MATCH THE MOUNTABLE CURB CONFIGURATION.

MAXIMUM INCREASE IN SLOPE AT MINIMUM 10' INTERVALS
MAXIMUM DECREASE IN SLOPE FOR FIRST 10' INTERVAL AND 2% MAXIMUM DECREASE FOR SUCCEEDING MINIMUM 10' INTERVALS

STANDARD ENTRANCE GUTTER

VIRGINIA DEPARTMENT OF TRANSPORTATION

502

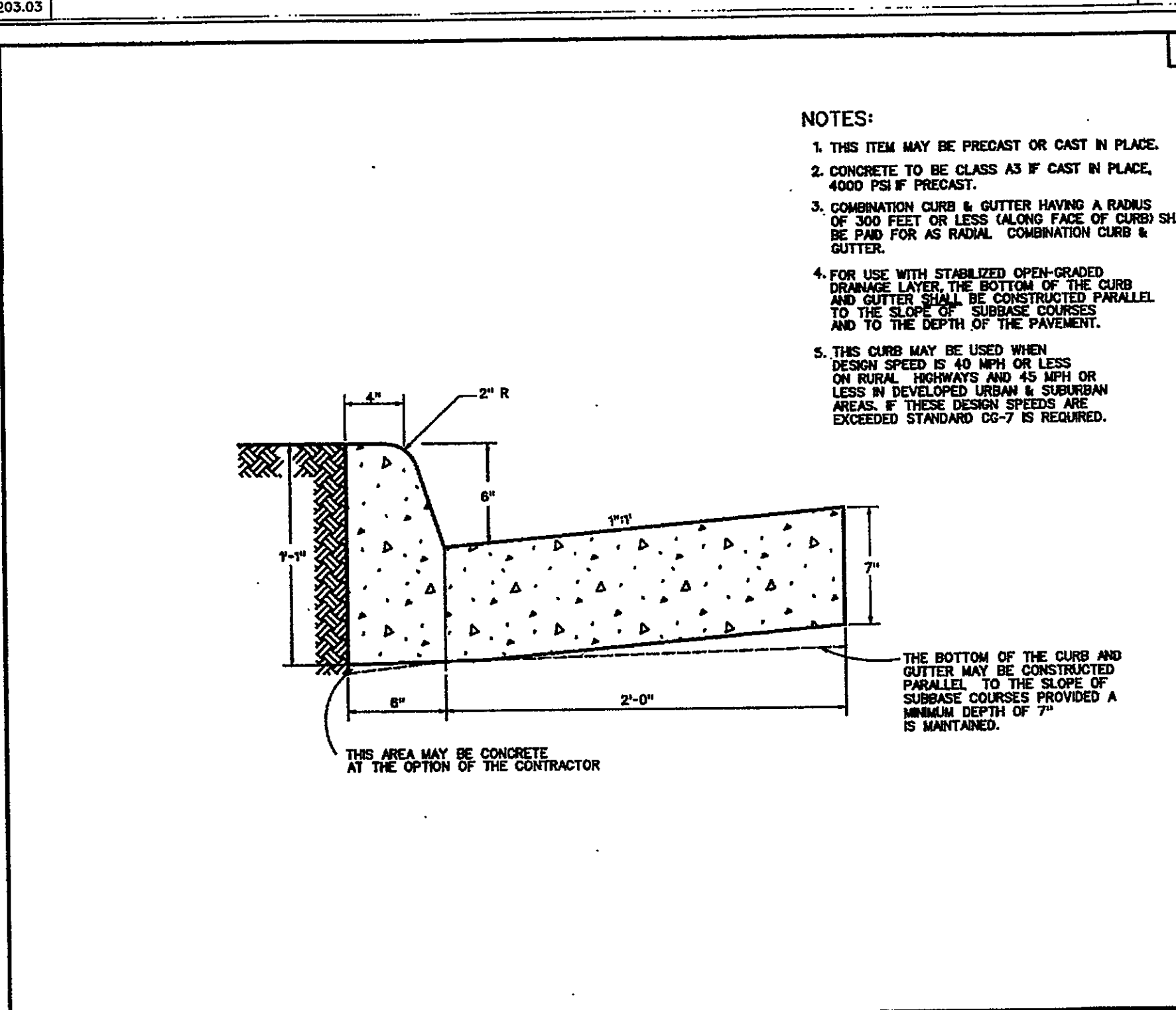


SPECIFICATION REFERENCE
233
302

STANDARD CURB DROP INLET

12" - 30" PIPE: MAXIMUM DEPTH (H) - 8'

VIRGINIA DEPARTMENT OF TRANSPORTATION



SPECIFICATION REFERENCE
105
502

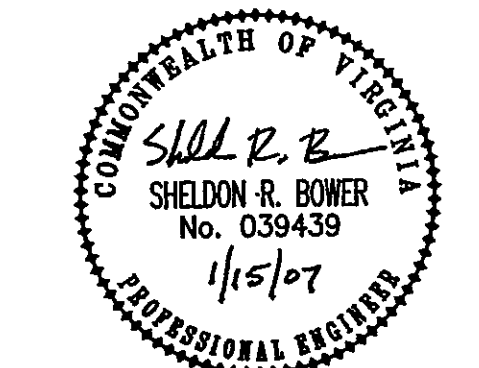
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Comprehensive Site Plan
For FNB - Salem Bank & Trust
Cave Spring Magisterial District
Roanoke County, Virginia

REVISIONS:

NO.	DATE	DESCRIPTION
1	November 1, 2005	Per County VDOT comments
2	December 1, 2005	Per County comments
3	January 15, 2007	Per County comments

DESIGNED BY: SLR
DRAWN BY: SLR
CHECKED BY: SRB
SCALE: As Shown
DATE: August 10, 2006

SHEET TITLE:

General Details

C07
07 OF 08
PROJECT NUMBER:
06-0211-03