

ENTRANCE PERMIT

Cost = \$50 per entrance

Total # of Entrances = _____

Total Amount Due = \$ _____

Date of Application: _____

Address of Entrance: _____

Property Owner/Agent: _____

Property Owner Address: _____

Telephone No: _____

Email Address: _____

Contractor's Name: _____

Contractor's Address: _____

Telephone No.: _____

Email Address: _____

License No.: _____

Zoning Information:

Parcel Number: _____ Zoned As: _____

Inspection Requirements

1. See attached Private Entrance Permit Requirements for construction requirements.
2. Contact Town Construction Site Inspector at 540-443-1360 before starting work.
3. Construction Site Inspector shall inspect forms prior to concrete placement.
4. Construction Site Inspector shall inspect driveway pipe (if required) prior to backfilling.
5. Construction Site Inspector shall inspect placement of asphalt or concrete.

The applicant shall replace the street surface, curb or curb and gutter, sidewalks and any pipe located within the right of way in a condition satisfactory to the Town of Blacksburg. The applicant/owner shall perform or have all work in accordance with all Town Ordinances and Standards, and with all Virginia Department of Transportation Standards and Specifications. The applicant shall hold harmless the Town, its officers, officials, and employees for any injury, death, or damage occurring to the applicant by the work here described.

Construction Site Inspector Date

Contractor Date

Owner Date

Private Entrance Permit Requirements

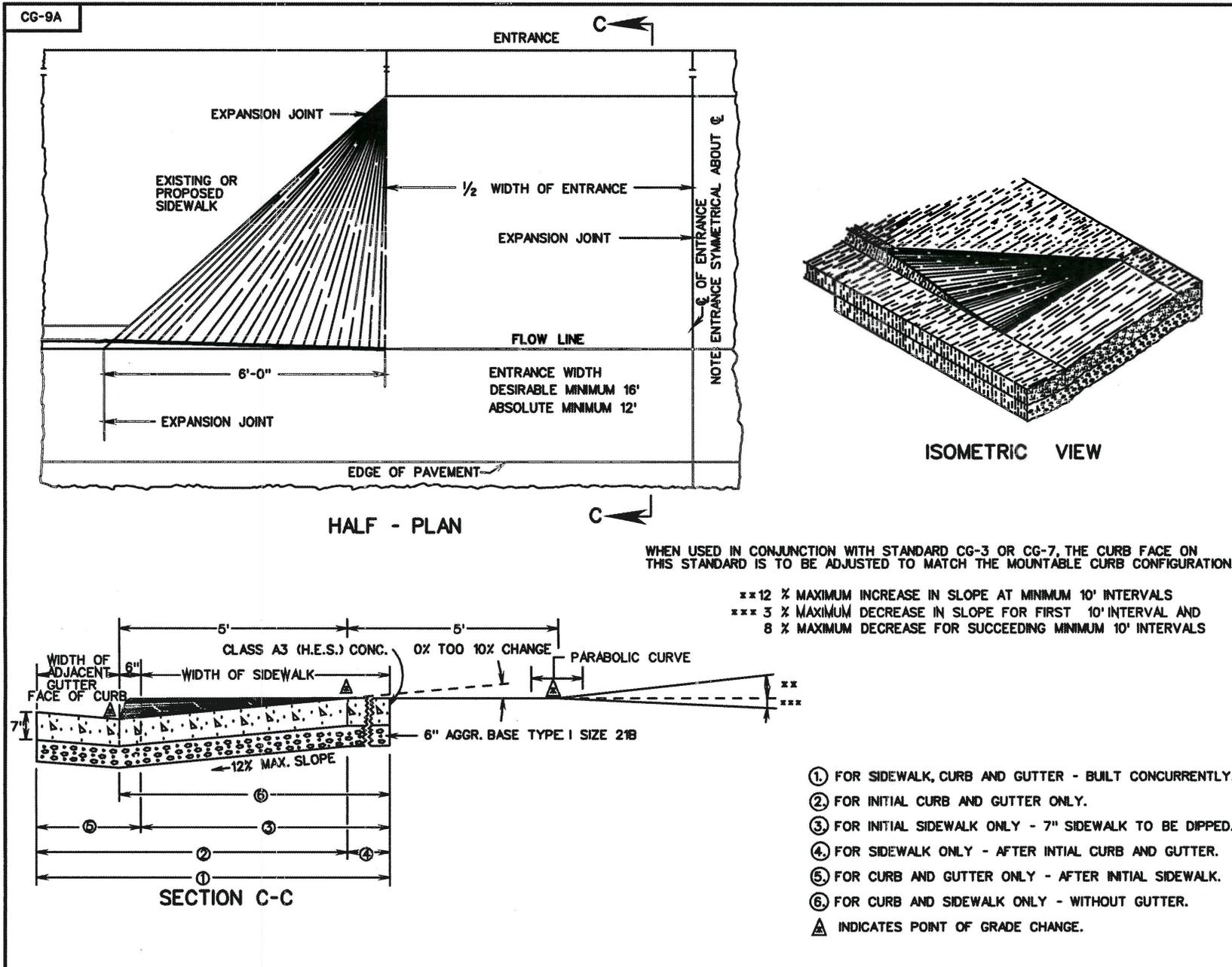
Note: The following items are the general requirements for driveways and are provided to cover a majority of situations. However, most entrances will require a site meeting to determine the specific requirements to be used. Please contact the Engineering Field Supervisor at 540-443-1359 to discuss your specific requirements and to set up a site meeting.

Private entrances off of public streets-

1. At all driveway entrances on streets with curb and gutter, standard entrance gutter (VDOT Standard CG-9A, CG-9B or CG-9D) shall be used. See Figures 1, 2 or 3.
2. All private entrances on streets without curb and gutter shall be designed and constructed as shown in Figure 5. Entrance radius should be 20 feet except in high-density areas where a 12-foot radius can be allowed. Culverts are required unless waived by the Town Engineer based upon drainage patterns. All entrance pipe culverts shall be sized to accommodate the run off expected from a 10-year frequency storm. The minimum diameter pipe allowed shall be 15-inch.
3. All entrance grades shall start back of the shoulder line. If drainage is necessary, the ditch line may be moved back to provide cover for pipe. Entrances shall be tied into the street smoothly. The driveway entrance shall extend from the edge of the street to the right of way line. Entrances are required to be concrete/paving. Driveways are also required to be paved per Section 5201(a) of the Zoning Ordinance. Driveway paving may be deferred for a period up to one year based upon weather. A letter bond to the Town is required stating who is responsible for the paving and the paving schedule. The maximum percent grade of a driveway within the right of way shall be 12%.
4. It is recommended that driveways be sited to maximize visibility for the safety of the residents. A minimum sight distance of 155 feet as measured at the intersection of the driveway entrance with the street should be achieved. Sight distance shall be determined using an eye height of 3.5 feet and an object height of 3.5 feet per VDOT requirements.
5. Per Section 5-318(a) of the Subdivision ordinance, a maximum of two driveway entrances per lot is permitted for single-family dwellings and two family dwellings. The curb cut shall be a minimum of 12 feet in width and a maximum of 20 feet in width at the right of way line. Curb cuts on the same lot shall be separated by a minimum of 40 feet, measured from center to center line.
6. Per Section 5-318(c) of Subdivision Ordinance, driveways shall be located not less than 3 feet from a side lot line, unless a common drive is provided for two adjoining lots, in which case the driveway may be located adjacent to the side lot line.
7. Per Section 5-318(d) of the Subdivision Ordinance, on local and collector streets, driveways shall be no closer than 50 feet to an intersection with a public street measured according to the Figure 4.

Per Section 5-318(e) of the Subdivision Ordinance, on arterial streets, driveways shall be no closer than 75 feet to an intersection with a public street measured according to Figure 5. This dimension may be reduced by the agent or planning commission for lots without access to collector or local streets and where by reason of topography, sight distance or other similar considerations the 75-foot dimension is not feasible.

FIGURE 1



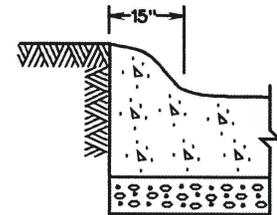
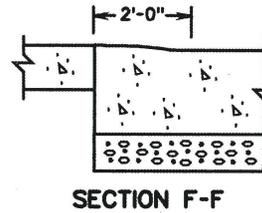
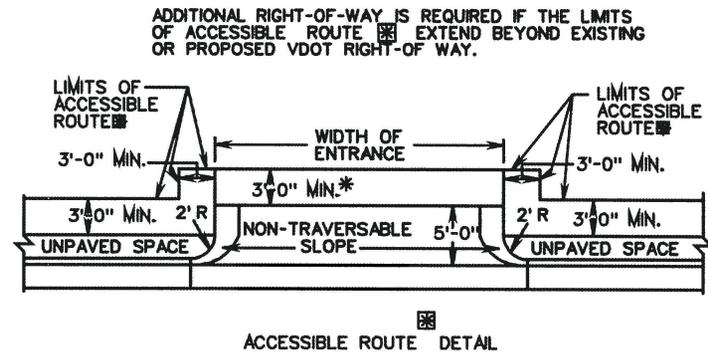
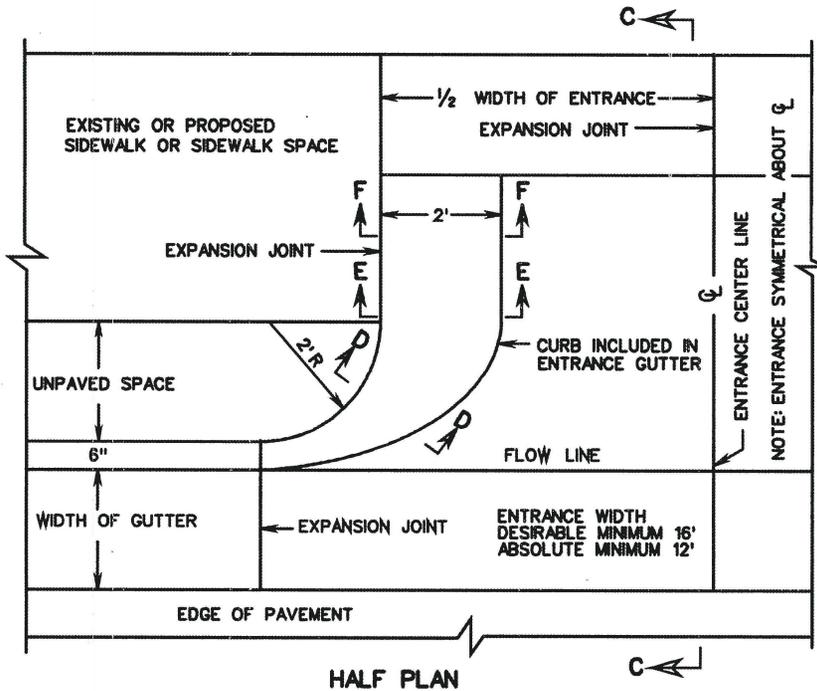
STANDARD ENTRANCE GUTTER WITH FLARED OPENING FOR USE ACROSS SIDEWALK

SPECIFICATION
REFERENCE

502

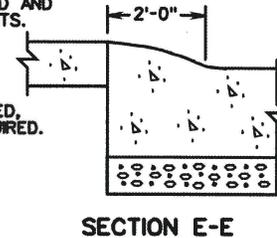
FIGURE 2

CG-9B

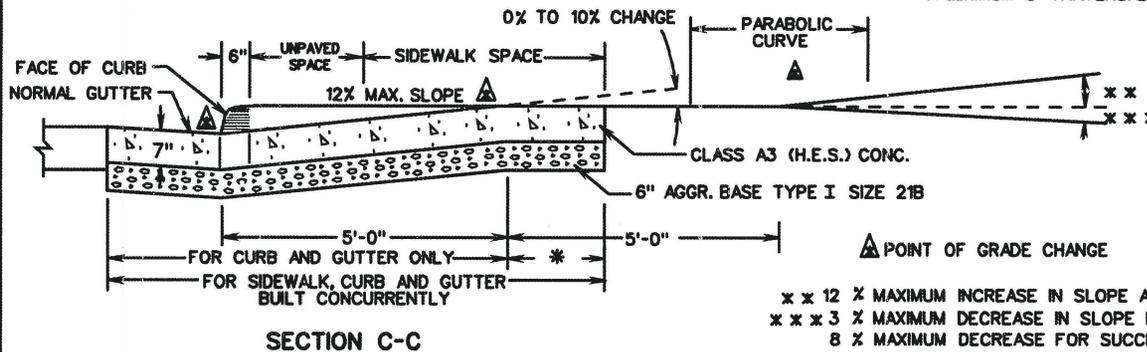


ACCESSIBLE ROUTE IS DEFINED AS A CONTINUOUS UNOBSTRUCTED, STABLE, FIRM AND SLIP RESISTANT PATH CONNECTING ALL ACCESSIBLE ELEMENTS OF A FACILITY THAT CAN BE APPROACHED, ENTERED AND USED BY PERSONS WITH MOBILITY IMPAIRMENTS.

* IF ACCESSIBLE ROUTES ARE BEING PROVIDED, A MINIMUM 3' TRAVERSABLE WIDTH IS REQUIRED.



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



* * * 12 % MAXIMUM INCREASE IN SLOPE AT MINIMUM 10' INTERVALS
 * * * 3 % MAXIMUM DECREASE IN SLOPE FOR FIRST 10' INTERVAL AND
 8 % MAXIMUM DECREASE FOR SUCCEEDING MINIMUM 10' INTERVALS

SPECIFICATION REFERENCE
502

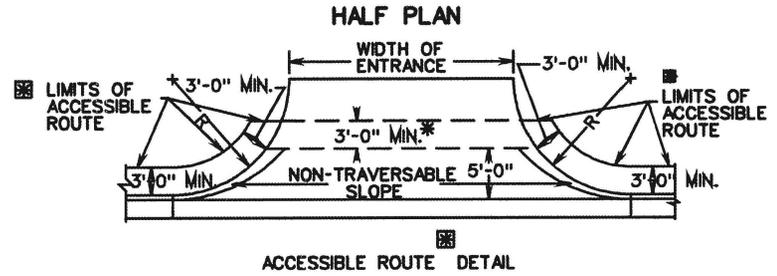
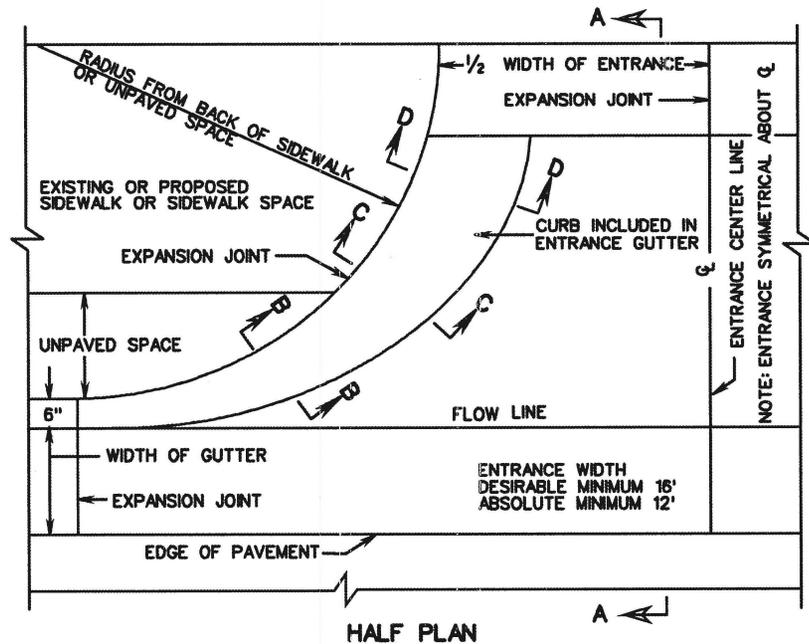
STANDARD ENTRANCE GUTTER FOR USE WITH UNPAVED SPACE BETWEEN CURB & SIDEWALK

VIRGINIA DEPARTMENT OF TRANSPORTATION

203.02

FIGURE 3

CG-9D

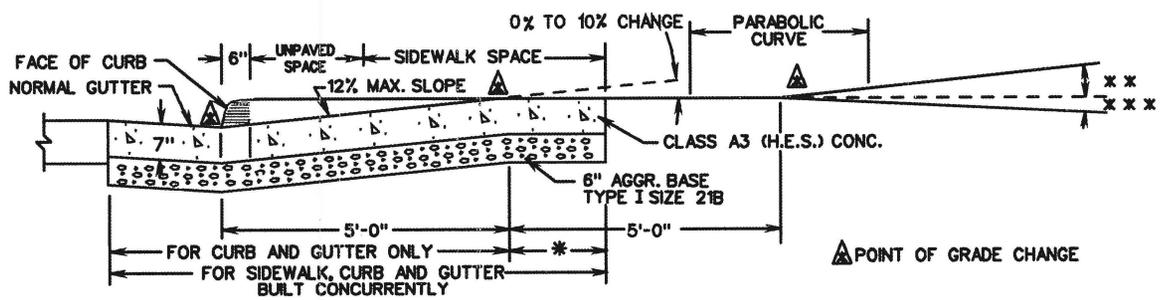
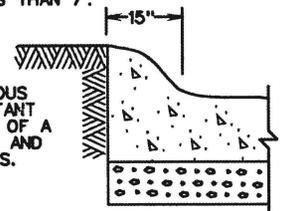


ADDITIONAL RIGHT-OF-WAY IS REQUIRED IF THE LIMITS OF ACCESSIBLE ROUTE EXTEND BEYOND EXISTING OR PROPOSED VDOT RIGHT-OF WAY.

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

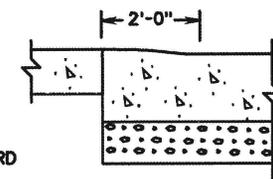
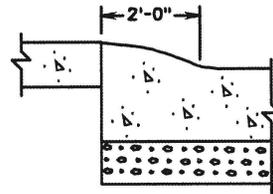
ACCESSIBLE ROUTE IS DEFINED AS A CONTINUOUS UNOBSTRUCTED, STABLE, FIRM AND SLIP RESISTANT PATH CONNECTING ALL ACCESSIBLE ELEMENTS OF A FACILITY THAT CAN BE APPROACHED, ENTERED AND USED BY PERSONS WITH MOBILITY IMPAIRMENTS.

* IF ACCESSIBLE ROUTES ARE BEING PROVIDED, A MINIMUM 3' TRAVERSABLE WIDTH IS REQUIRED.



** 12 % MAXIMUM INCREASE IN SLOPE AT MINIMUM 10' INTERVALS
 *** 3 % MAXIMUM DECREASE IN SLOPE FOR FIRST 10' INTERVAL AND
 8 % MAXIMUM DECREASE FOR SUCCEEDING MINIMUM 10' INTERVALS

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



STANDARD ENTRANCE GUTTER

VIRGINIA DEPARTMENT OF TRANSPORTATION

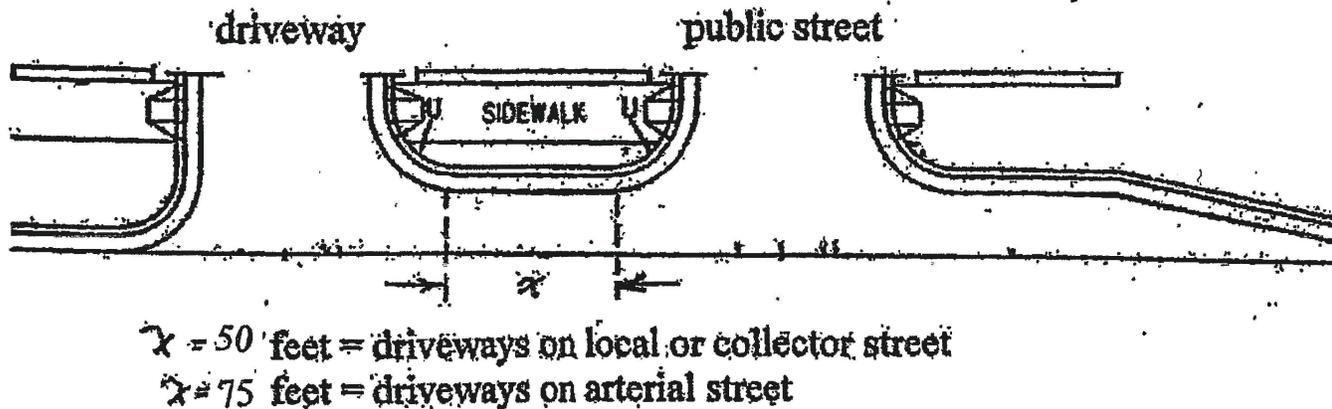
SPECIFICATION REFERENCE

502

FIGURE 4

- **Sec. 5-318. - Driveways.**

- (a) A maximum of two driveway entrances per lot is permitted for single family dwellings and two family dwellings. The curb cut shall be a minimum of 12 feet in width and a maximum of 20 feet in width at the right-of-way line. Curb cuts on the same lot shall be separated by a minimum of 40 feet, measured from center line to center line.
- (b) All entrances constructed from a new or existing street or road shall be in accordance with the "Minimum Standards of Entrances to State Highways" of the Virginia Department of Transportation, as amended from time to time, incorporated by reference except as these may be varied by this section.
- (c) Driveways shall be located not less than 3 feet from a side lot line, unless a common drive is provided for two adjoining lots, in which case the driveway may be located adjacent to the side lot line.
- (d) On local and collector streets, driveways shall be no closer than fifty (50) feet to an intersection with a public street measured according to diagram.



Driveway measurements diagram

- (e) On arterial streets, driveways shall be no closer than seventy-five (75) feet to an intersection with a public street measured according to diagram (see subsection 5-318(d)). This dimension may be reduced by the agent or Planning Commission for lots without access to collector or local streets and where by reason of topography, sight distance or other similar considerations the seventy-five (75) foot dimension is not feasible.
- (f) In the Rural Residential I and Rural Residential II zoning districts, the provisions of this section shall apply to all residential uses; provided, however, that no new driveway *entrance* shall be located on existing or proposed collector or arterial streets. All driveway entrances shall be located on local streets, unless the agent or Town Council by variance shall approve the location of an *entrance* on a collector street.

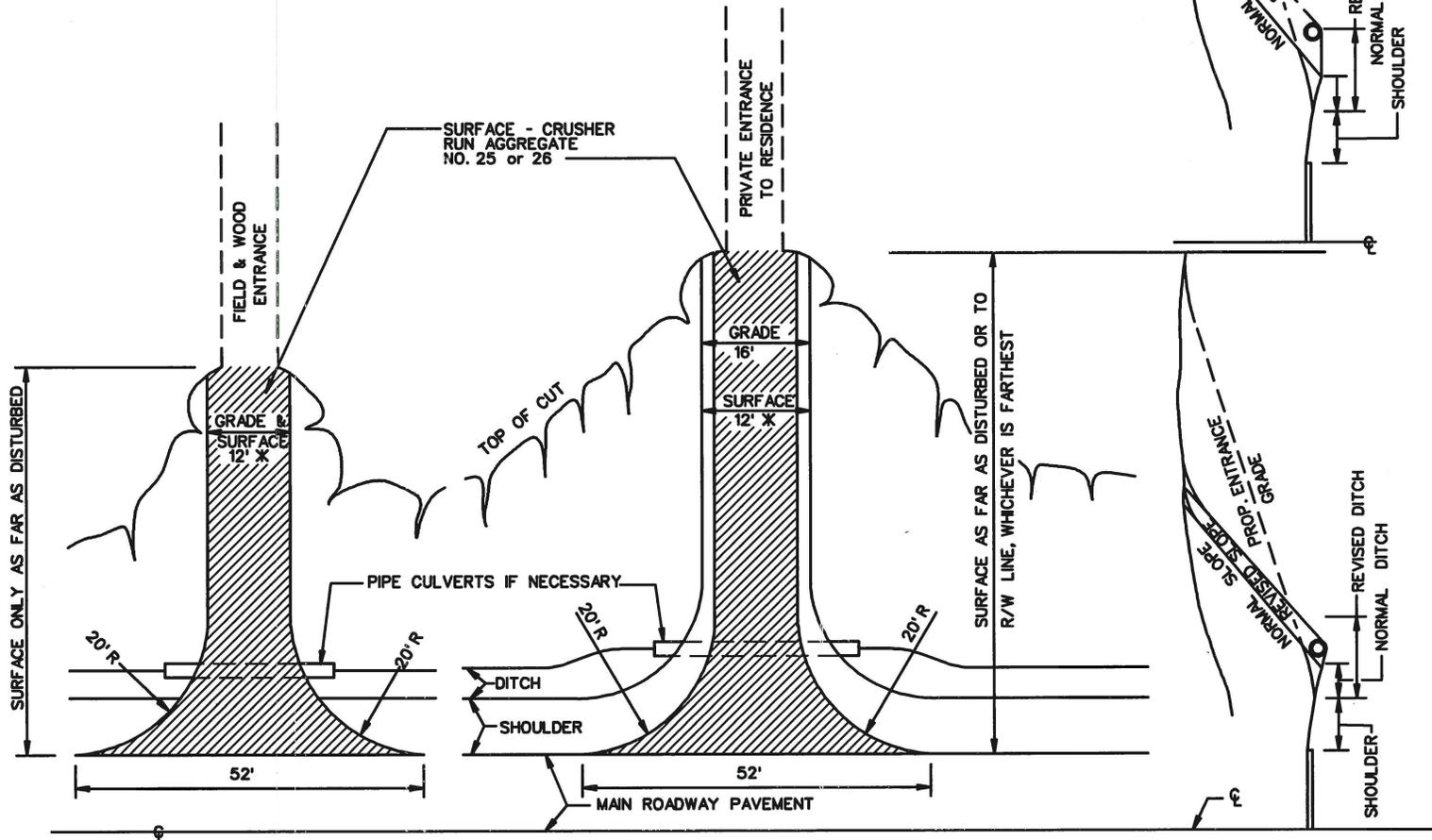
(Ord. No. 1217, § 2, 12-14-99; Ord. No. 1339, § 32, 9-9-03; Ord. No. 1415, § 35, 7-11-06;
Amd. of 8-18-09)

FIGURE 5

PE-1

NOTES:

ALL ENTRANCE GRADES SHALL START BACK OF THE SHOULDER LINE. IF DRAINAGE IS NECESSARY, THE DITCH LINE MAY BE MOVED BACK TO PROVIDE AT LEAST 9" OF COVER OVER PIPE, AS SHOWN AT RIGHT.
 * 12' OR EXISTING WIDTH WHICHEVER IS GREATER. ENTRANCE GRADES ARE TO BE SMOOTHLY TIED INTO THE ROADWAY BY ROUNDING AS NECESSARY.



NOTE:
 LENGTHS OF CULVERTS SHOWN ON ROAD PLANS FOR ENTRANCES ARE APPROXIMATE AND SHALL BE ADJUSTED TO OBTAIN ABOVE ROADWAY WIDTHS.

ENTRANCES IN FILL TO BE SAME AS ABOVE EXCEPT LOCATION OF CULVERT (WHEN NECESSARY).

ALTERNATE METHODS FOR PLACING PIPES UNDER ENTRANCES

STANDARD PRIVATE ENTRANCES

SPECIFICATION REFERENCE

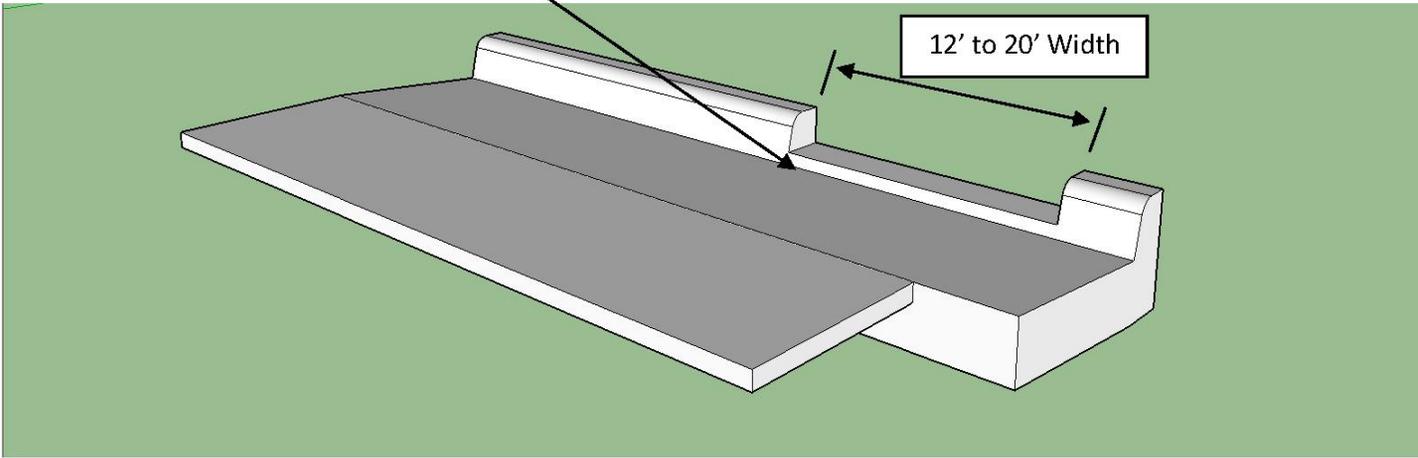
512

Figure 6

Required Construction Entrance Curb Cut

Leave 1.5 inches of curb to keep street water from entering jobsite, and to keep stone out of the street

12' to 20' Width



If you have any questions please contact: Dillon Davis, Construction Site Inspector (540) 443-1360 or dldavis@blacksburg.gov