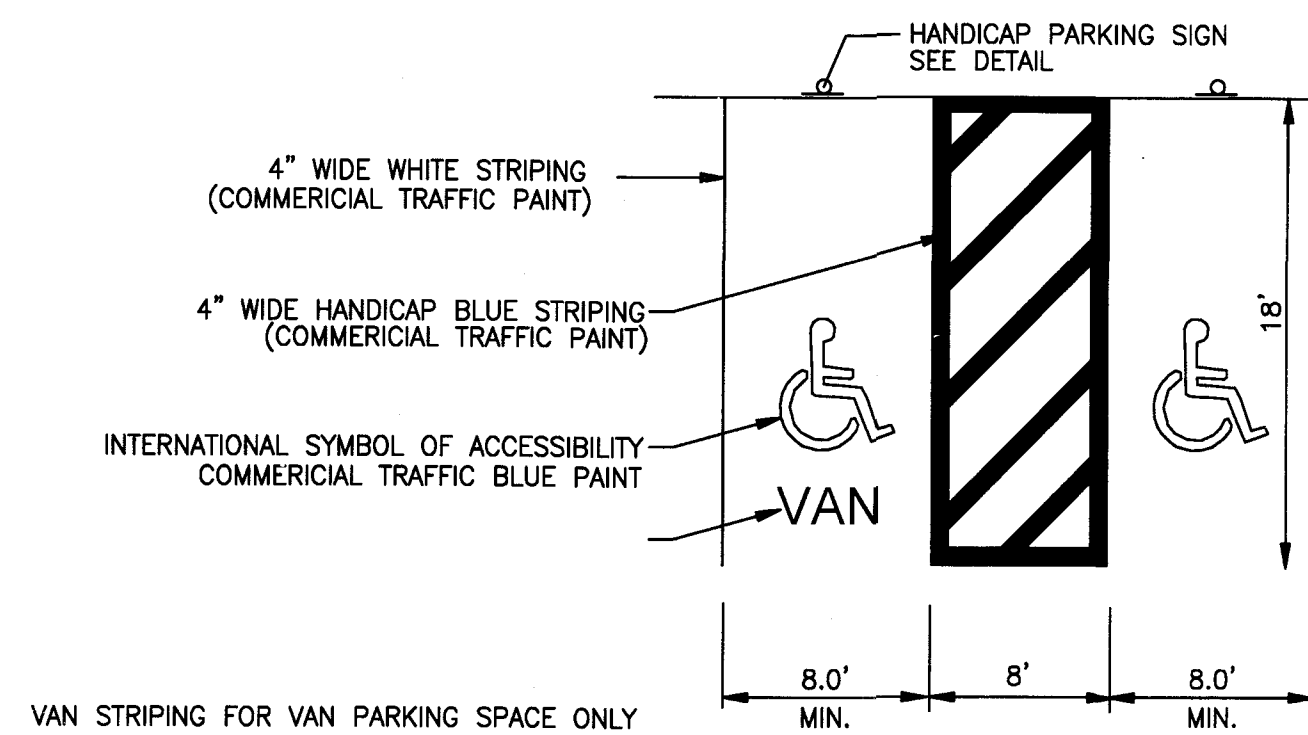


- \*\*2% MAX CROSS SLOPE TOWARD ACCESS DRIVE OR PARKING AREA \*\***
- 1.4" RAD.
- 4" CONCRETE MIN. 3000 PSI
- 4" AGGREGATE BASE 21 B TYP.
- 95% COMPACTED SUBGRADE
- NOTE:**
1. FINISHING DETAILS - EDGES SHALL BE TROWELED, LIGHT BROOM FINISH AND SCORING EVERY 6', EXPANSION JOINTS EVERY 60' MINIMUM
  2. G.C. SHALL BE RESPONSIBLE FOR OBTAINING ADEQUATE SUB-GRADE COMPACTION PRIOR TO SIDEWALK CONSTRUCTION.
  3. G.C. SHALL PROVIDE A CONSTRUCTION JOINT AT ALL RIGHT OF WAY LOCATIONS FOR DELINEATION BETWEEN THE PUBLIC AND PRIVATE SIDEWALK LOCATIONS.
  4. ALL PUBLIC SIDEWALK CONSTRUCTION SHALL CONFORM TO THE CITY OF ROANOKE RIGHT OF WAY EXCAVATION & RESTORATION STANDARDS, LATEST EDITION.
  5. G.C. SHALL UTILIZE METAL FORMS FOR ALL SIDEWALK, C&G, AND COMMERCIAL ENTRANCES.

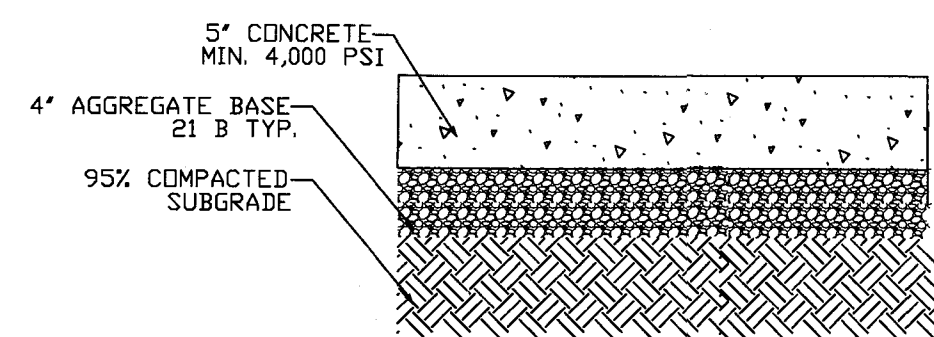
### SIDEWALK DETAIL

N.T.S.



### H.C. STALL STRIPING DETAIL

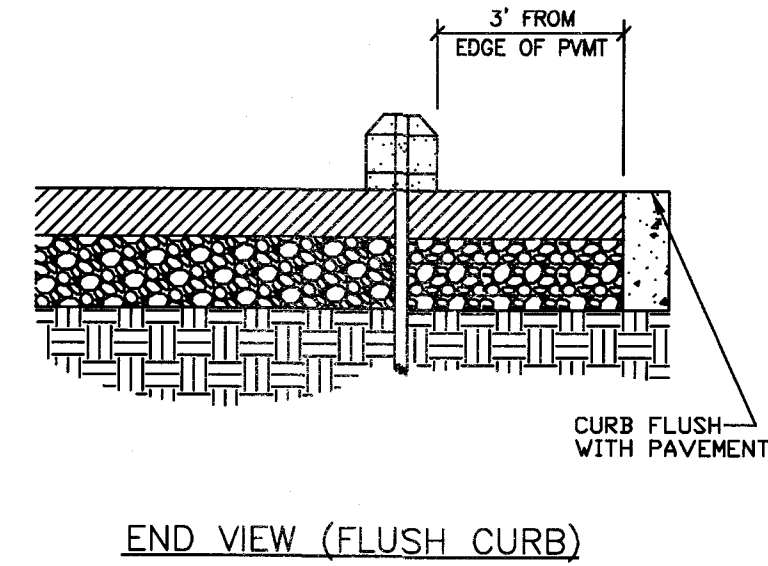
N.T.S.



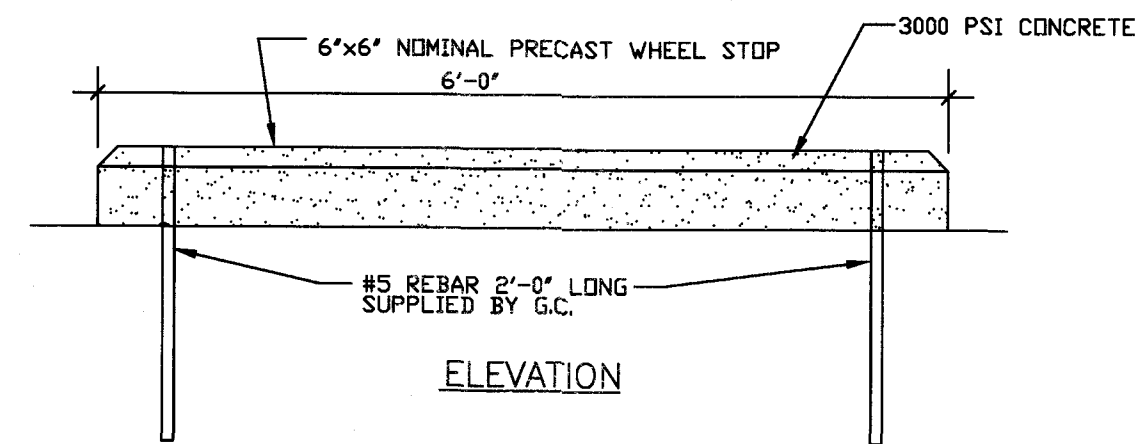
- NOTE:**
1. FINISHING DETAILS - EDGES SHALL BE TROWELED, LIGHT BROOM FINISH AND SCORING EVERY 6', EXPANSION JOINTS EVERY 60' MINIMUM
  2. G.C. SHALL BE RESPONSIBLE FOR OBTAINING ADEQUATE SUB-GRADE COMPACTION PRIOR TO SIDEWALK CONSTRUCTION.

### CONCRETE PAVEMENT

N.T.S.

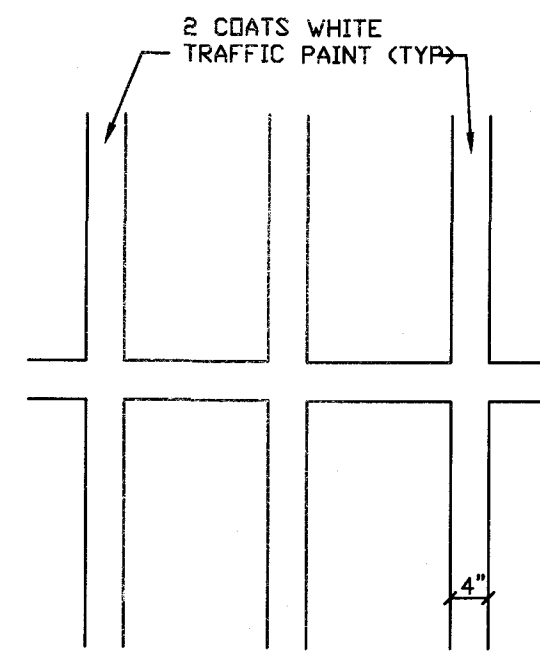


N.T.S.



### BUMPER BLOCK DETAIL

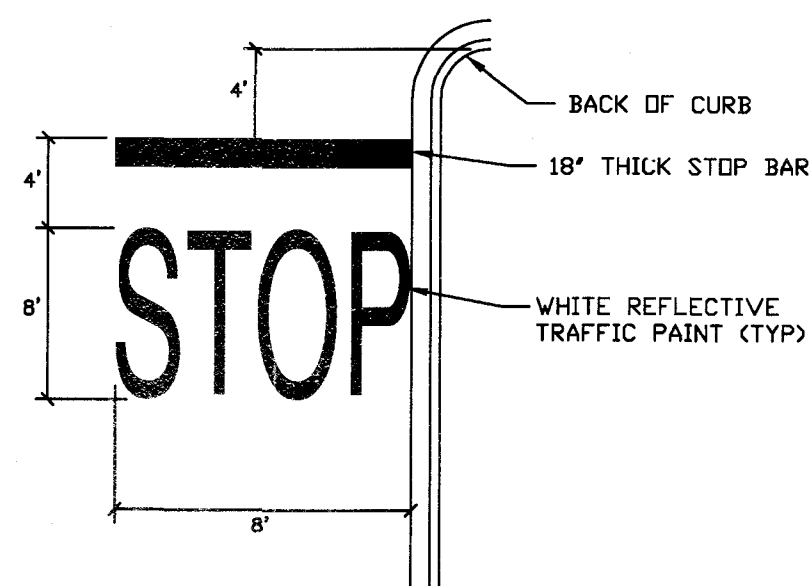
N.T.S.



**NOTE:** SEE SITE PLAN FOR LAYOUT OF PARKING LOT STRIPING.

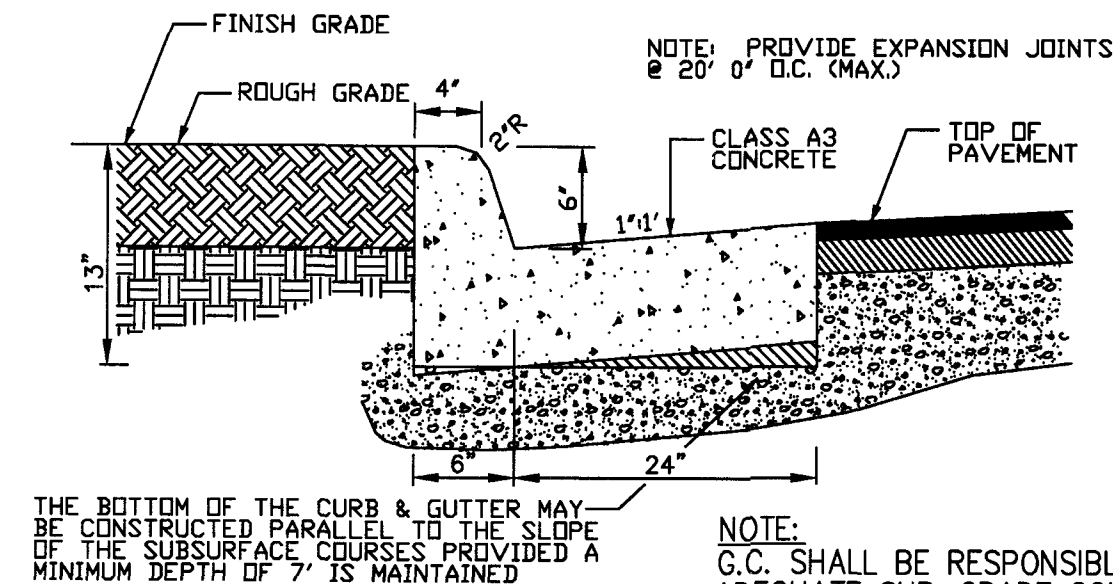
### PAVEMENT STRIPING DETAIL

N.T.S.



### TYPICAL PAVEMENT MARKING DETAIL

N.T.S.

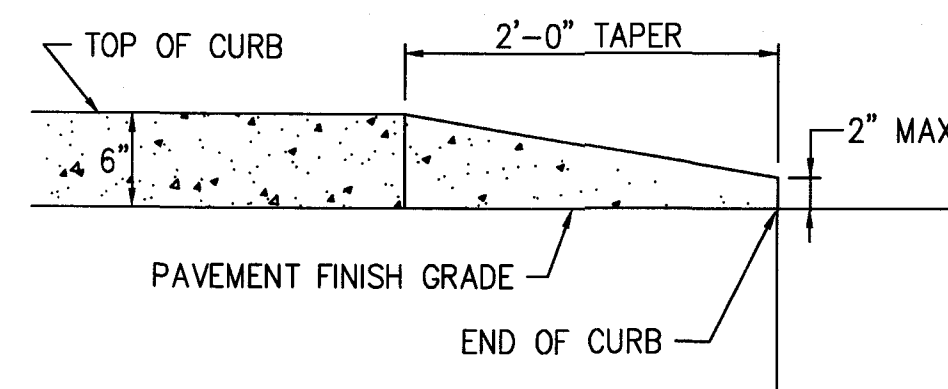


THE BOTTOM OF THE CURB & GUTTER MAY BE CONSTRUCTED PARALLEL TO THE SLOPE OF THE SUBSURFACE COURSE PROVIDED A MINIMUM DEPTH OF 7" IS MAINTAINED

**NOTE:** G.C. SHALL BE RESPONSIBLE FOR OBTAINING ADEQUATE SUB-GRADE COMPACTION.

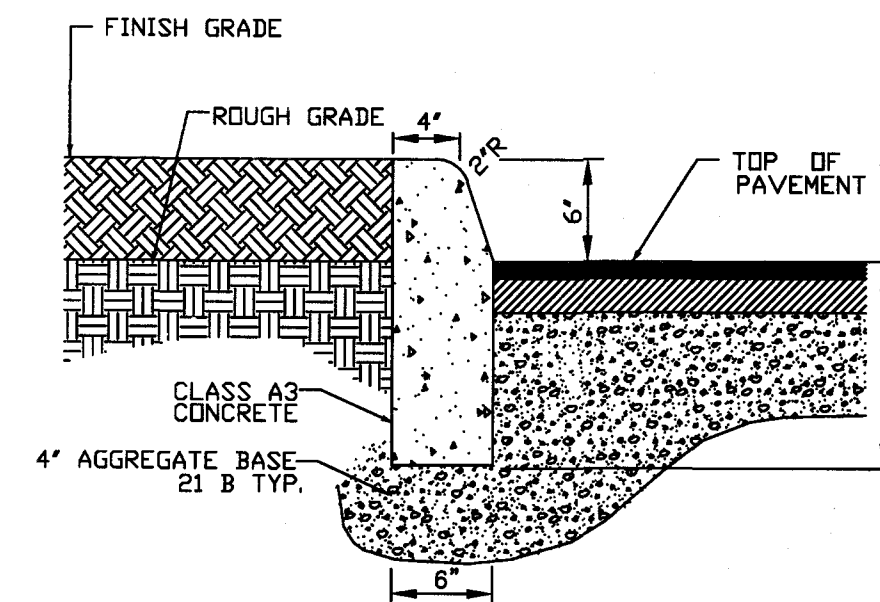
### CG-6 (WET) DETAIL

N.T.S.



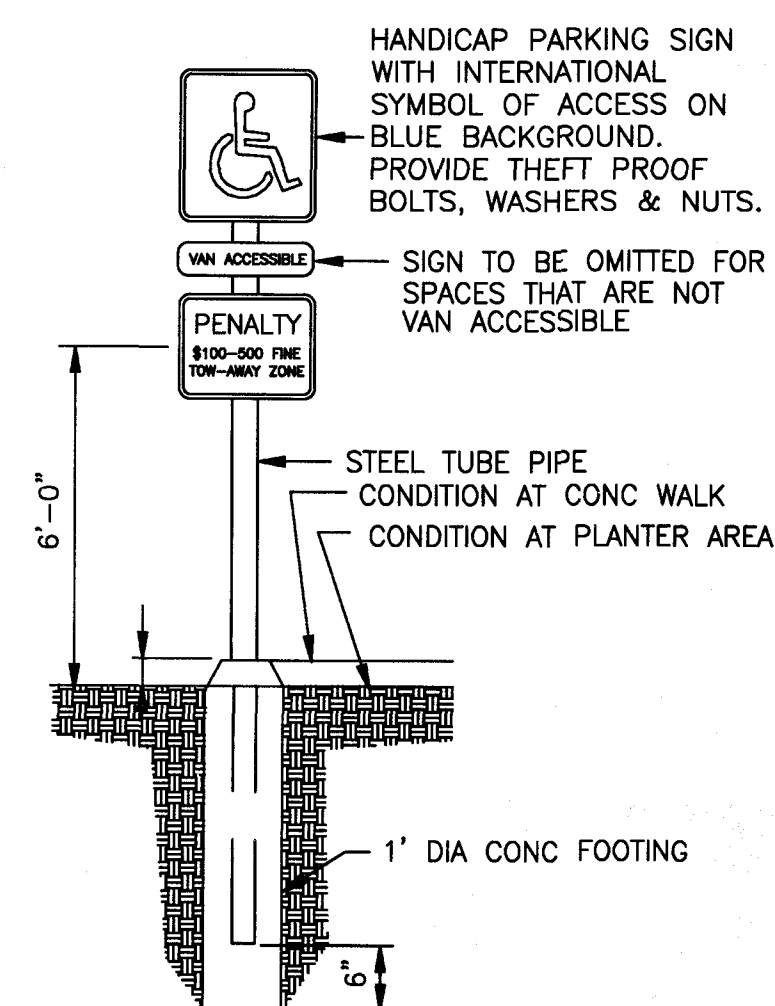
### CURB TAPER DETAIL - SECTION

N.T.S.



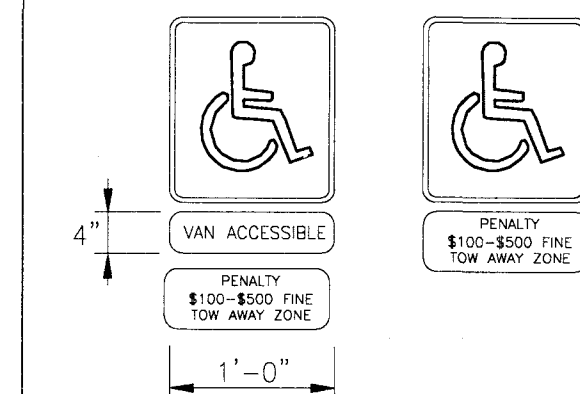
### CG-2 DETAIL TYP.

N.T.S.



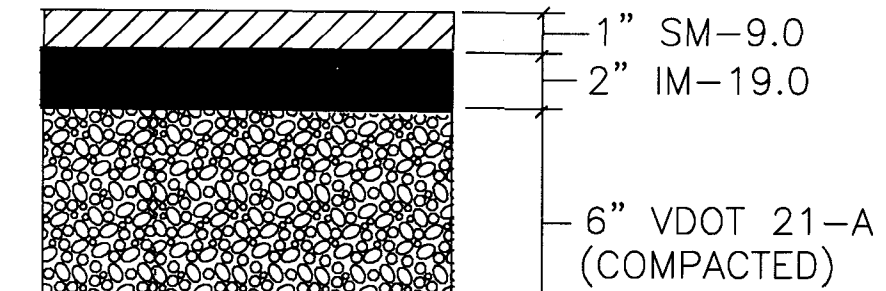
### HANDICAP SIGNPOST DETAIL

N.T.S.



### HANDICAP SIGN DETAIL

N.T.S.

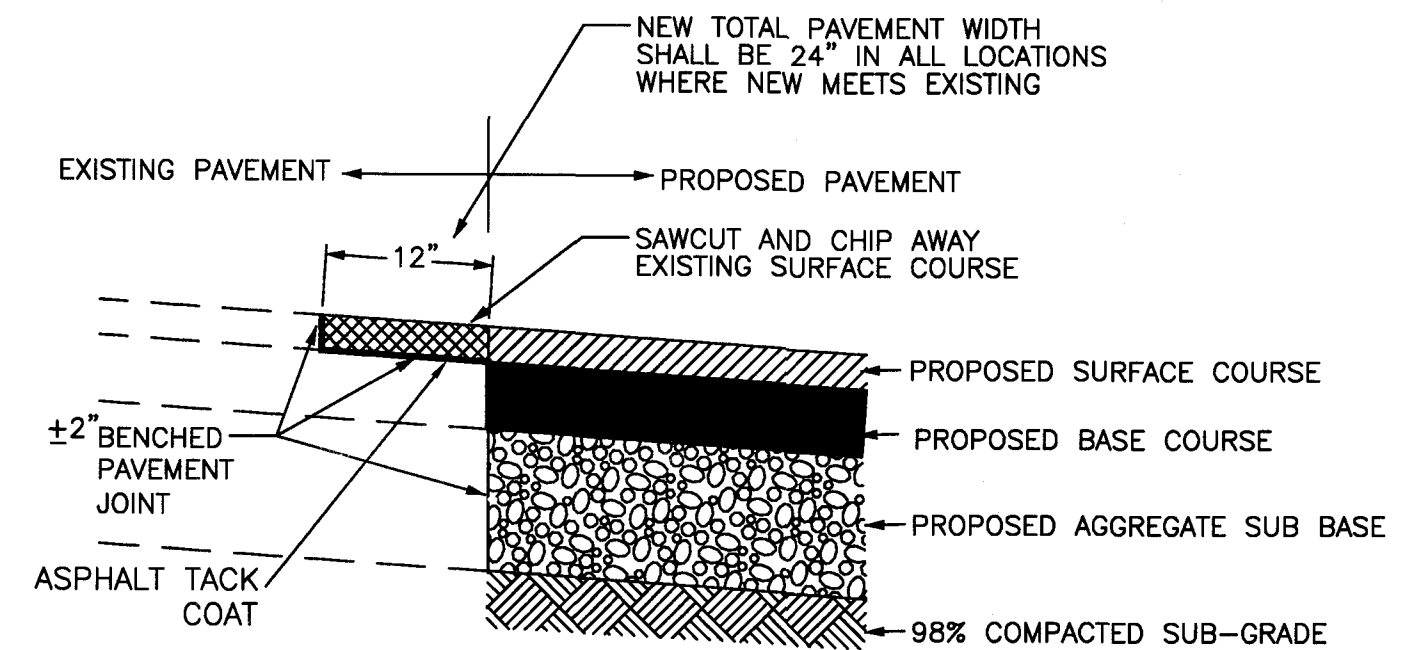


### ASPHALT PAVEMENT SECTION

N.T.S.

(SUBGRADE - MIN 98% COMPACTION)

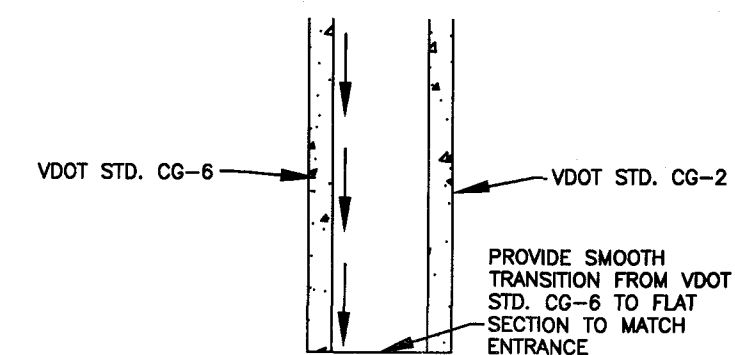
1. 6" STONE BASE MUST BE PLACED IN TWO LIFTS OF NO MORE THAN 4" EACH.
2. A TACK COAT SHALL BE APPLIED BETWEEN ASPHALT PAVEMENT LAYERS
3. G.C. TO ENSURE A MINIMUM OF 95% COMPACTION OF THE SUBGRADE PRIOR TO STONE/ASPHALT PLACEMENT.



1. 6" STONE BASE MUST BE PLACED IN TWO LIFTS OF NO MORE THAN 4" EACH.
2. A TACK COAT SHALL BE APPLIED BETWEEN ASPHALT PAVEMENT LAYERS
3. G.C. TO ENSURE A MINIMUM OF 98% COMPACTION OF THE SUBGRADE PRIOR TO STONE/ASPHALT PLACEMENT.
4. G.C. SHALL HAVE A GEOTECHNICAL ENGINEER VERIFY THE CBR AND SUB-BASE MATERIAL TO CONFIRM THAT THE PROPOSED PAVEMENT SECTION IS ADEQUATE FOR THE PROPOSED USE.
5. G.C. SHALL PROVIDE MINIMUM 2" SAW CUT AND SHALL TACK COAT ALL VERTICAL SURFACES WHERE THE PROPOSED PAVEMENT ABUTS THE EXISTING MAINLINE PAVEMENT. THE SAW CUT SHALL BE ALONG THE FULL DEPTH PAVEMENT, NOT THE SHOULDER PORTION OF THE ROADWAY. NO CONVEYANCE OF RUNOFF WILL BE PERMITTED ALONG A SEAM IN THE PAVEMENT.

### PAVEMENT JOINT DETAIL

N.T.S.



### CONCRETE FLUME DETAIL

N.T.S.

City of Roanoke  
Planning, Building, & Development  
COMPREHENSIVE DEVELOPMENT PLAN  
**APPROVED**  
by Adrian Gilbert 06/25/2018

1. ALL LETTERS ARE 1" SERIES 'C' PER 2003 MUTCD.
2. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
5. ONE (1) SIGN REQUIRED FOR EACH ACCESSIBLE PARKING SPACE.
6. INSTALLED HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (MUTCD)
7. SIGN MAY BE MOUNTED ON BUILDING/WALL, AT PROPER HEIGHT, IF ALIGNED WITHIN 12" OF CENTER OF PARKING SPACE.

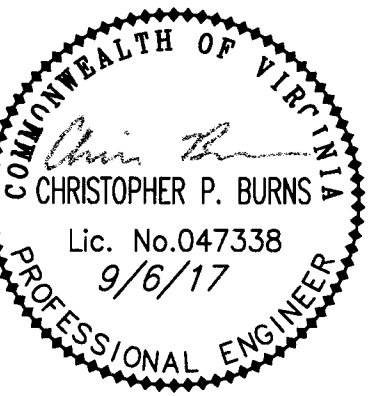
www.balzer.cc

Roanoke  
New River Valley  
Richmond  
Staunton  
Harrisonburg

RESIDENTIAL LAND DEVELOPMENT ENGINEERING  
SITE DEVELOPMENT ENGINEERING  
LAND USE PLANNING & ZONING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING  
ARCHITECTURE  
STRUCTURAL ENGINEERING  
TRANSPORTATION ENGINEERING  
ENVIRONMENTAL & SOIL SCIENCE  
WETLAND DELINEATIONS & STREAM EVALUATIONS

**Balzer and Associates, Inc.**

1208 Corporate Circle  
Roanoke, VA 24018  
540-772-9580  
FAX 540-772-8050



**WAFFLE HOUSE**  
3407 ORANGE AVENUE  
**DETAILS A**  
CITY OF ROANOKE, VIRGINIA

DRAWN BY BTC  
DESIGNED BY BTC  
CHECKED BY CPB  
DATE 6/28/2017  
SCALE 1"=20'  
REVISIONS:  
8/16/2017  
9/6/2017