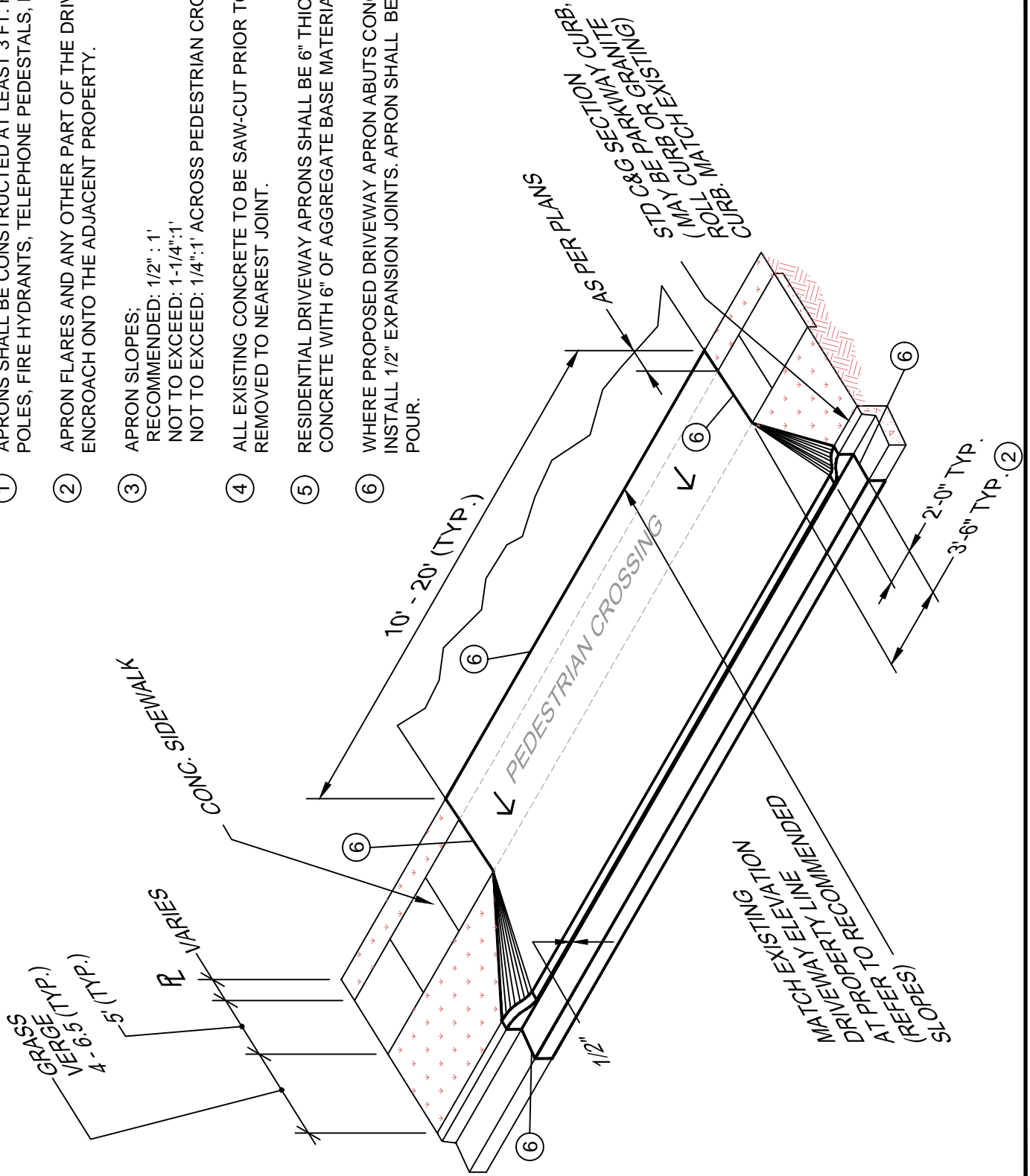


NOTES

- ① APRONS SHALL BE CONSTRUCTED AT LEAST 3 FT. FROM ALL UTILITY POLES, FIRE HYDRANTS, TELEPHONE PEDESTALS, ETC.
- ② APRON FLARES AND ANY OTHER PART OF THE DRIVEWAY SHALL NOT ENCROACH ONTO THE ADJACENT PROPERTY.
- ③ APRON SLOPES: RECOMMENDED: 1/2" : 1' NOT TO EXCEED: 1-1/4" : 1' NOT TO EXCEED: 1/4" : 1' ACROSS PEDESTRIAN CROSSING
- ④ ALL EXISTING CONCRETE TO BE SAW-CUT PRIOR TO DEMOLITION OR REMOVED TO NEAREST JOINT.
- ⑤ RESIDENTIAL DRIVEWAY APRONS SHALL BE 6" THICK OF CLASS A3 CONCRETE WITH 6" OF AGGREGATE BASE MATERIAL.
- ⑥ WHERE PROPOSED DRIVEWAY APRON ABUTS CONCRETE PAVEMENT, INSTALL 1/2" EXPANSION JOINTS. APRON SHALL BE MONOLITHIC POUR.



CITY OF NORFOLK



DEPT. OF PUBLIC WORKS

DESCRIPTION

STANDARD RESIDENTIAL DRIVEWAY APRON

DESIGNATION

HS-207

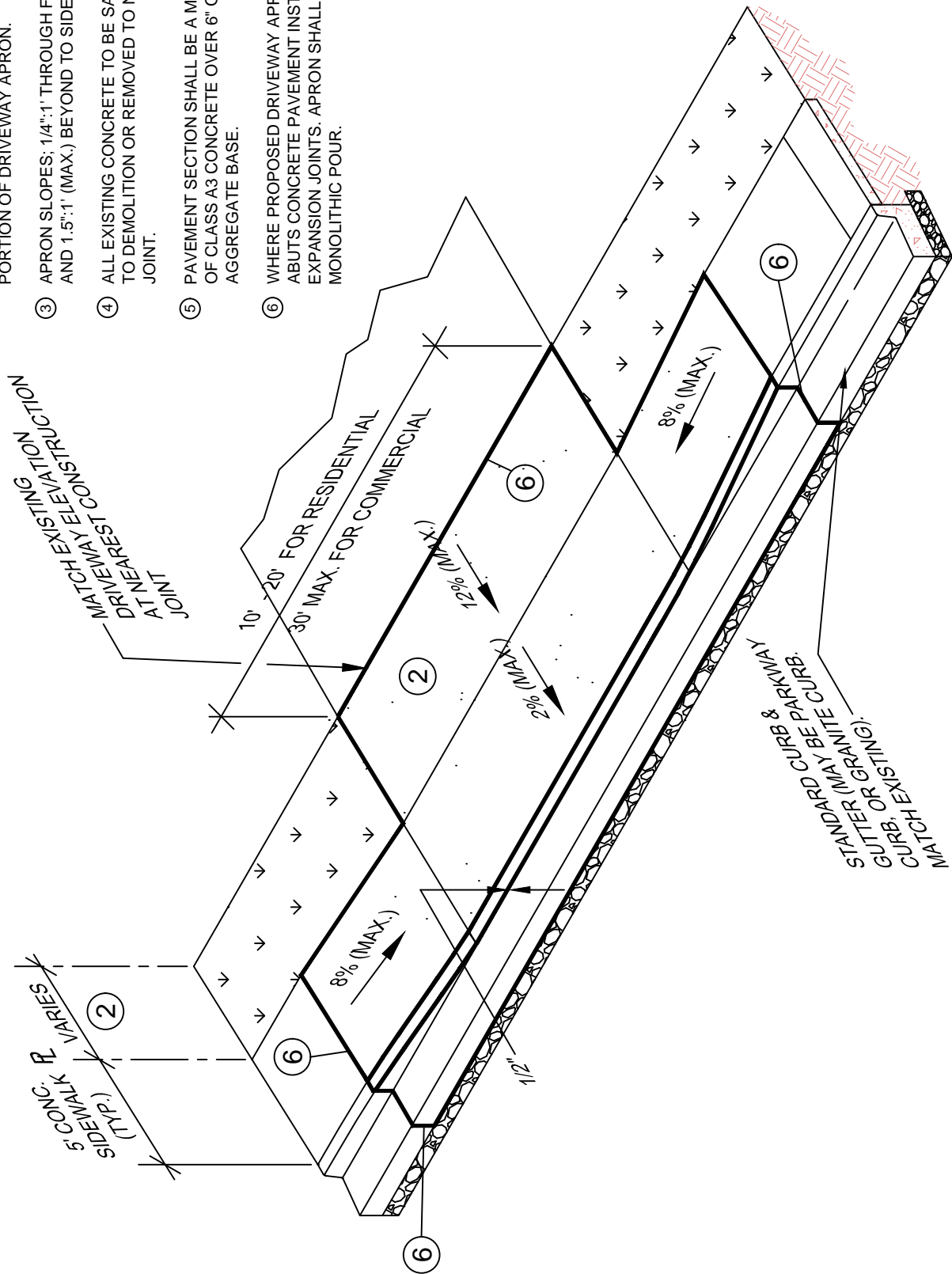
SCALE
NOT TO SCALE

EDITION
NCDS2013.3

REVISED
DECEMBER 2007

NOTES

- ① APRONS SHALL BE CONSTRUCTED AT LEAST 3 FT. FROM ALL UTILITY POLES, FIRE HYDRANTS, TELEPHONE PEDESTALS, ETC.
- ② PERMISSION FROM PROPERTY OWNER SHALL BE ACQUIRED BEFORE CONSTRUCTING THIS PORTION OF DRIVEWAY APRON.
- ③ APRON SLOPES; 1/4":1' THROUGH FIRST 3' (MIN.) AND 1.5":1' (MAX.) BEYOND TO SIDEWALK.
- ④ ALL EXISTING CONCRETE TO BE SAW-CUT PRIOR TO DEMOLITION OR REMOVED TO NEAREST JOINT.
- ⑤ PAVEMENT SECTION SHALL BE A MINIMUM OF 7" OF CLASS A3 CONCRETE OVER 6" OF AGGREGATE BASE.
- ⑥ WHERE PROPOSED DRIVEWAY APRON ABUTS CONCRETE PAVEMENT INSTALL 1/2" EXPANSION JOINTS. APRON SHALL BE A MONOLITHIC POUR.



CITY OF NORFOLK



DEPT. OF PUBLIC WORKS

DESCRIPTION

ADA VARIATION OF DRIVEWAY APRON

DESIGNATION

HS-208

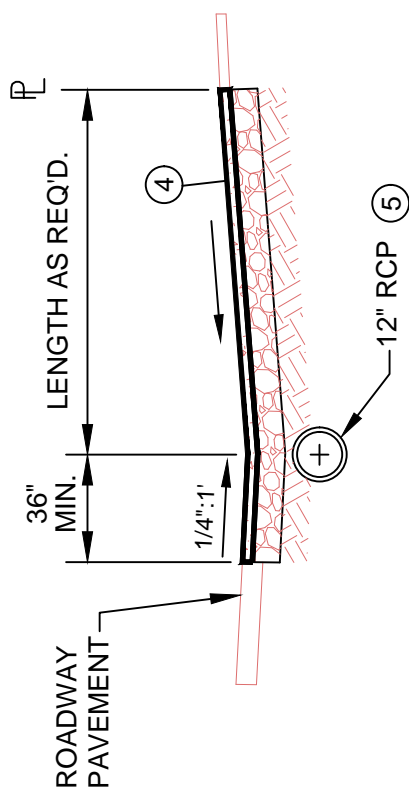
SCALE
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EDITION
NCDS2013.3

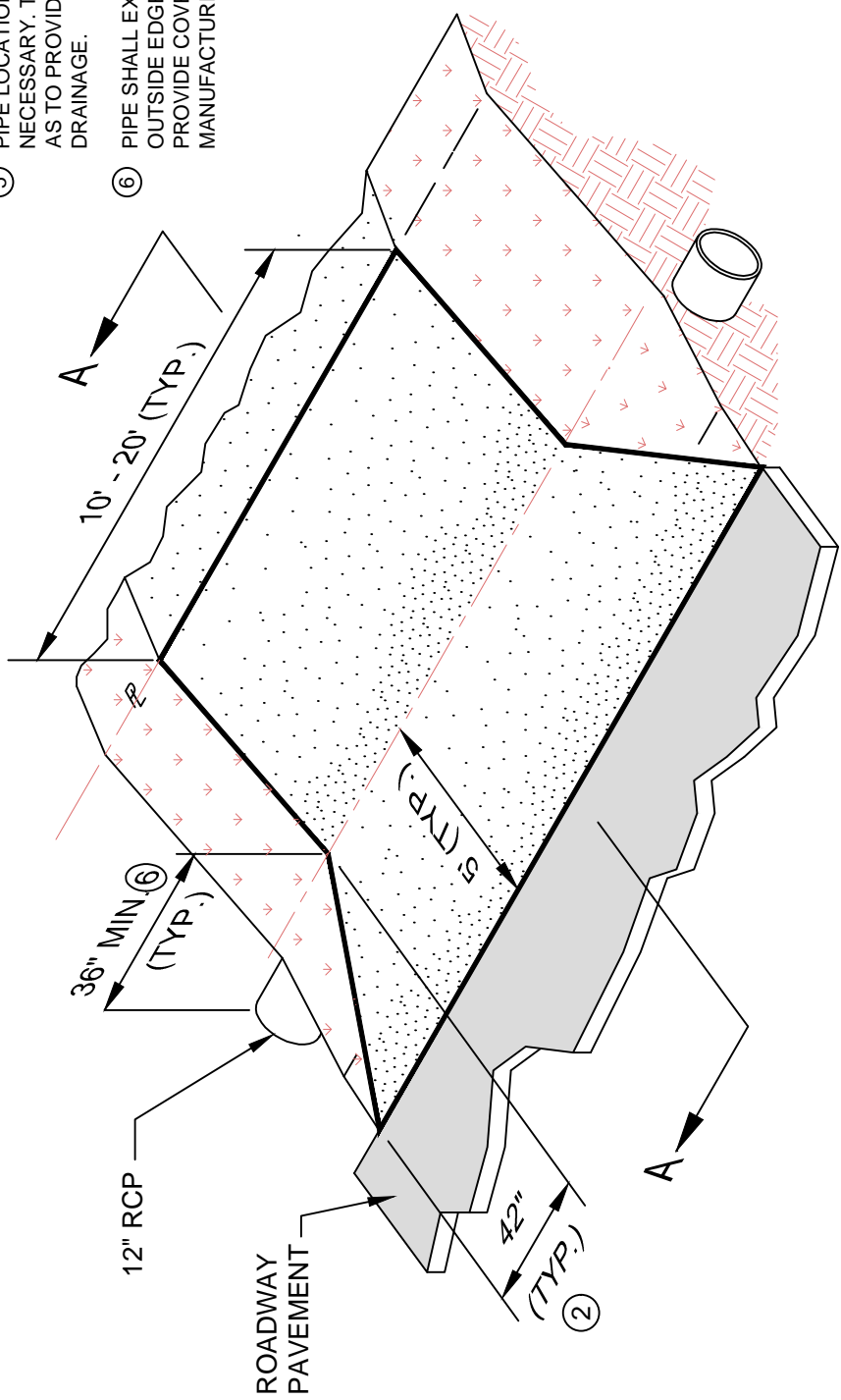
REVISED
DECEMBER 2007


NOTES

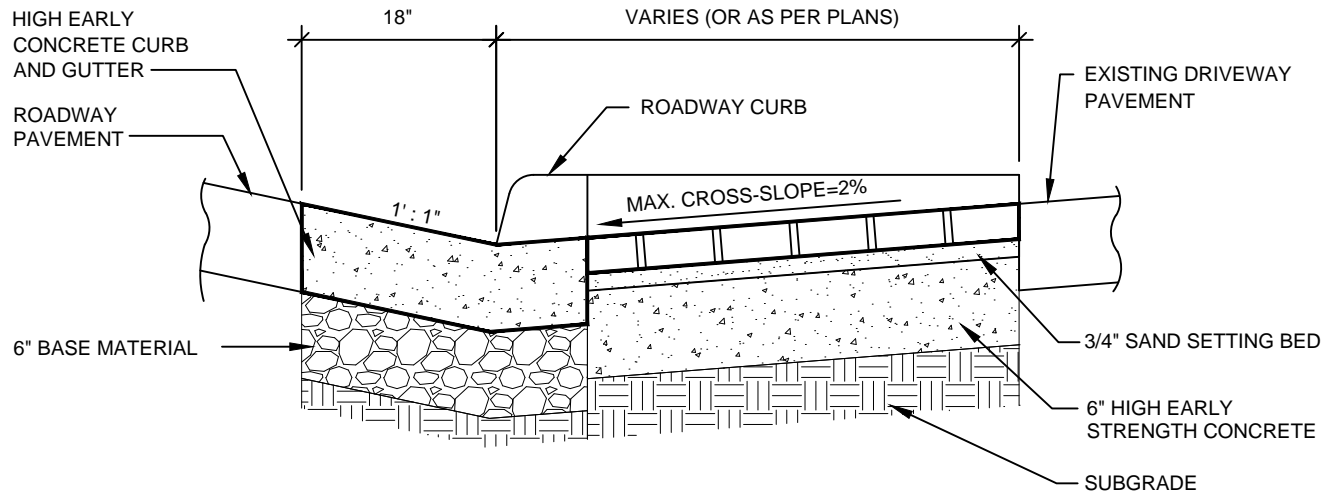
- ① APRONS SHALL BE CONSTRUCTED AT LEAST 3 FT. FROM ALL UTILITY POLES, FIRE HYDRANTS, TELEPHONE PEDESTALS, ETC.
- ② APRON FLARES OR ANY OTHER PART OF THE DRIVEWAY APRON SHALL NOT ENCR OACH ONTO THE ADJACENT PROPERTY.
- ③ APRON SLOPES:
RECOMMENDED: 1/2": 1'
NOT TO EXCEED: 1-1/4": 1'
NOT TO EXCEED: 1/4": 1' ACROSS PEDESTRIAN CROSSING (WHERE APPLICABLE)
- ④ RESIDENTIAL DRIVEWAY APRONS SHALL BE 2" BITUMINOUS CONCRETE SURFACE MIX OVER 8" COMPACTED AGGREGATE BASE OR 6" OF CLASS A3 CONCRETE, MONOLITHICALLY POURED.
- ⑤ PIPE LOCATION MAY VARY WITHIN THE R.O.W. AS NECESSARY. THE PIPE SHALL BE INSTALLED SO AS TO PROVIDE AND MAINTAIN POSITIVE DRAINAGE.
- ⑥ PIPE SHALL EXTEND 3' (MIN.) BEYOND FARTHEST OUTSIDE EDGE OF ENTRANCE AT CROSSING. PROVIDE COVER AS SPECIFIED BY MANUFACTURER.



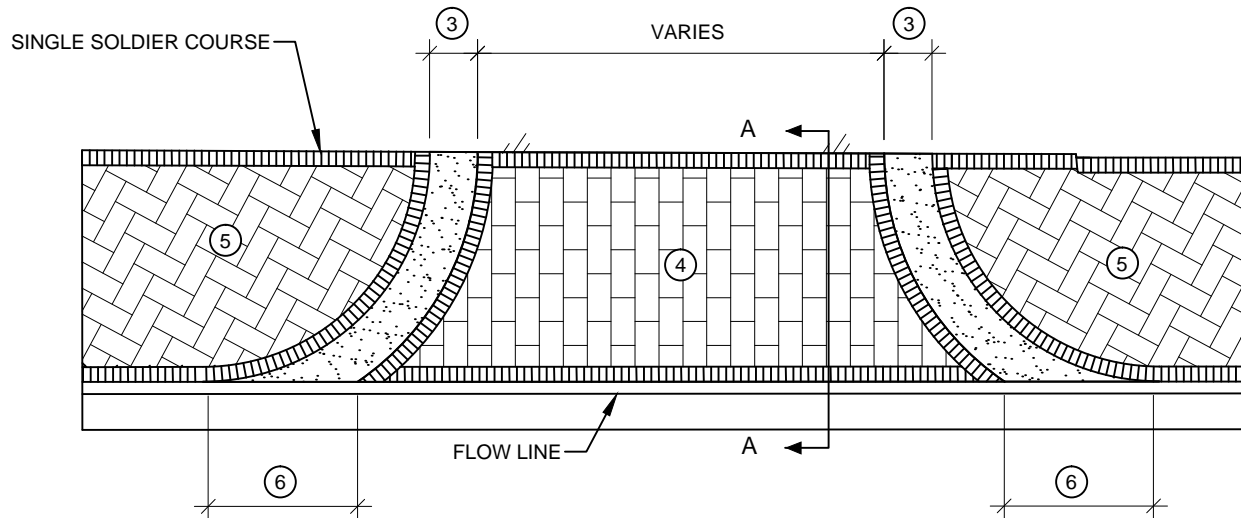
SECTION A - A



| | | | |
|--|---|---------------|----------------------|
|  <p>CITY OF NORFOLK DEPT. OF PUBLIC WORKS</p> | DESCRIPTION | | DESIGNATION |
| | <p>STANDARD RESIDENTIAL DRIVEWAY APRON WITHOUT CURB AND GUTTER</p> | | <p>HS-209</p> |
| SCALE | EDITION | REVISED | |
| NOT TO SCALE | NCDS2013.3 | DECEMBER 2007 | |



SECTION A - A



NOTES

- ① APRONS SHALL BE CONSTRUCTED AT LEAST 3 FEET FROM ALL UTILITY POLES, FIRE HYDRANTS, TELEPHONE PEDESTALS, ETC.
- ② APRON FLARES AND ANY OTHER PART OF THE DRIVEWAY, SHALL NOT ENCROACH ONTO ADJACENT PROPERTY.
- ③ 24" WIDE CONCRETE TRANSITION STRIP; RADIUS AS PER PLANS.
- ④ HEAVY VEHICULAR PAVERS
 SIZE: 4" X 8' X 2 3/4", TYPE F
 COLOR: ENGLISH EDGE DARK ACCENT
 PATTERN: RUNNING BOND
 MANUFACTURED BY: PINE HALL BRICK COMPANY, WINSTON SALEM, NC OR APPROVED EQUAL
- ⑤ SIDEWALK BRICK PAVER
 SIZE: 4" X 8' X 2 1/4"
 COLOR: PATHWAY FULL RANGE (FR)
 PATTERN: 45° HERRINGBONE
 MANUFACTURED BY: PINE HALL BRICK COMPANY, WINSTON SALEM, NC OR APPROVED EQUAL
- ⑥ WIPE DOWN CURB ALONG CONCRETE STRIP

CITY OF NORFOLK



DEPT. OF PUBLIC WORKS

DESCRIPTION

**COMMERCIAL BRICK DRIVEWAY
APRON**

DESIGNATION

HS-210

SCALE

NOT TO SCALE

EDITION

NCDS2013.3

REVISED

DECEMBER 2007