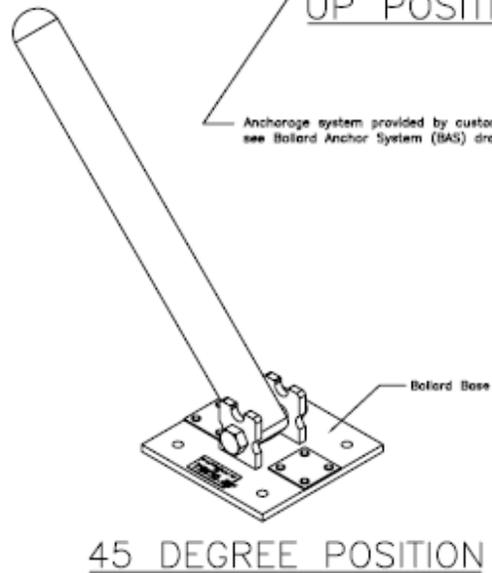
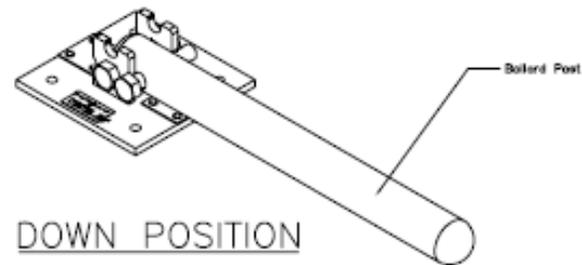
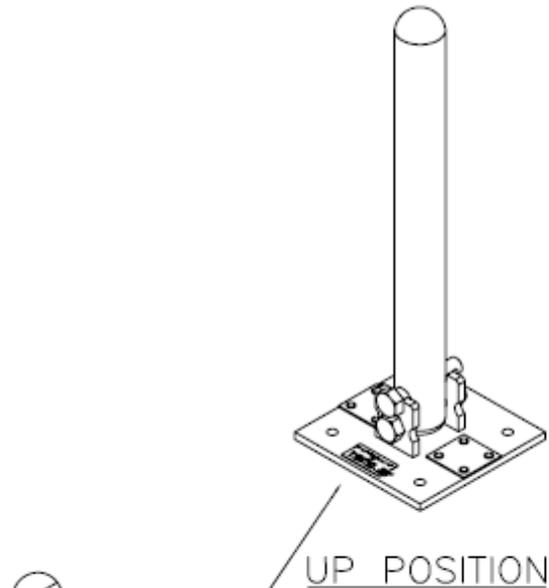


30", 36" and 48"



Anchorage system provided by customer  
see Bollard Anchor System (BAS) drawing

EASY VEHICLE ACCESS WHEN LOWERED - 4" CLEARANCE  
 BOLLARD ROTATES 180 DEGREES  
 HIGH VISIBILITY SAFETY YELLOW  
 RUST FREE 1" DIAMETER STAINLESS STEEL PINS - ONE WITH 13/32 HOLE FOR PADLOCK  
 ALL SURFACES ARE PRIMED WITH RUST & CORROSION RESISTANT, ZINC RICH PRIMER W/ 5,000 HOUR SALT SPRAY PERFORMANCE  
 STANDARD FINISH, RAL1028 YELLOW

NOTE: SEE TRAFFICGUARD OR LIKE KIND FOR ADDITIONAL TYPES / MODIFICATIONS SEE [WWW.TRAFFICGUARD.NET](http://WWW.TRAFFICGUARD.NET)



CITY OF CHARLOTTESVILLE

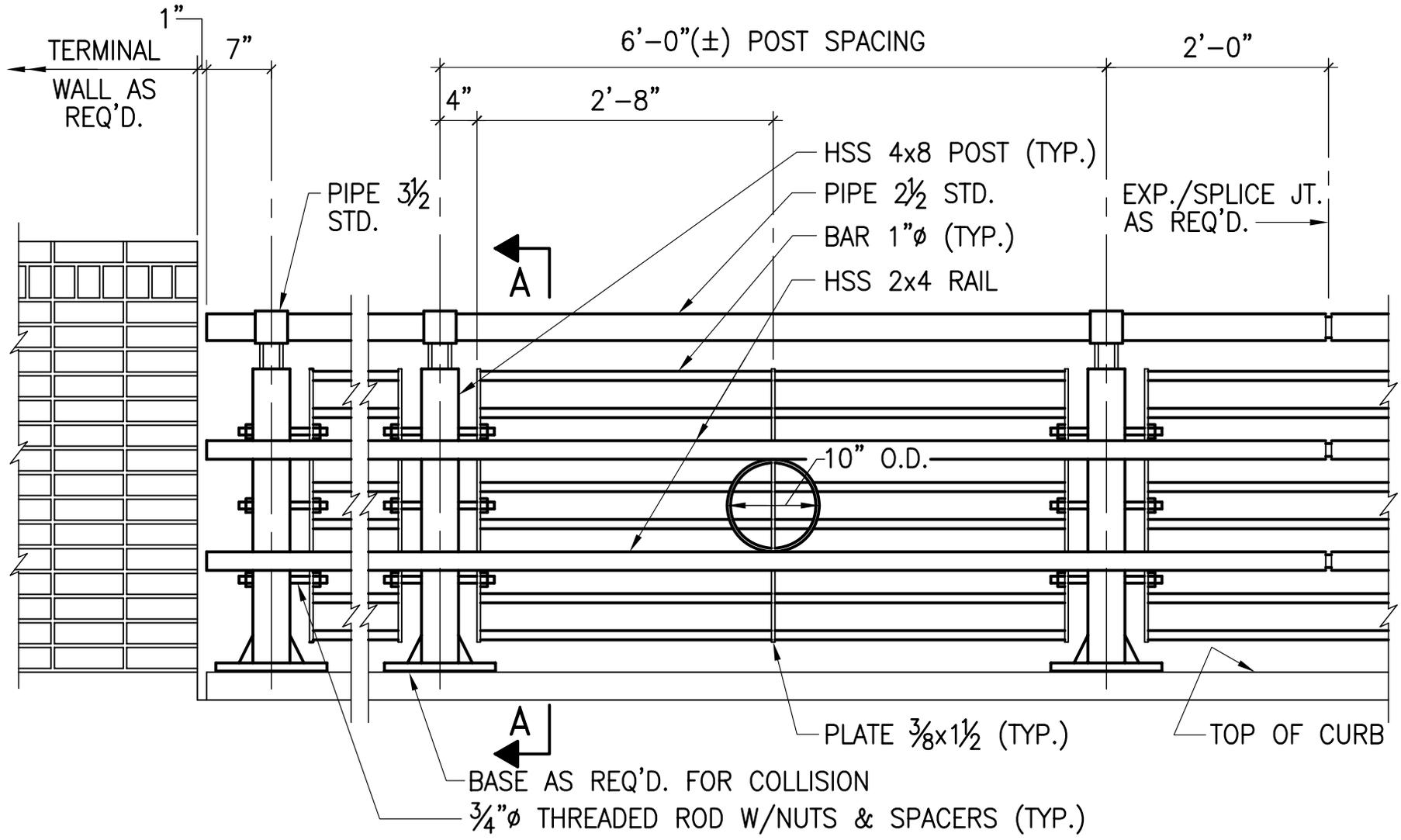
REVISION	DATE

CITY STANDARDS

BOLLARD DETAIL

SCALE: N.T.S.

STANDARD NUMBER: B-1



PART INSIDE ELEVATION

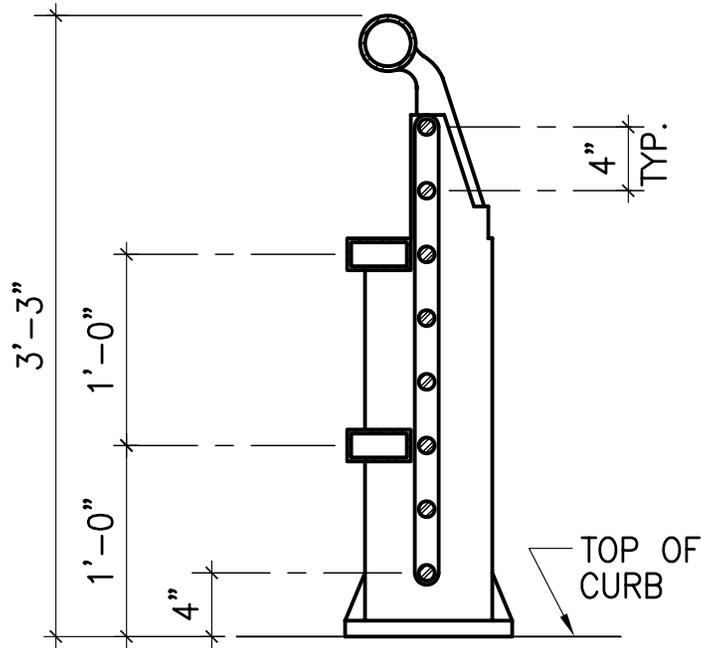


CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS  
**METAL RAILING INSIDE  
 ELEVATION** (SHEET 1 OF 2)

SCALE: N.T.S. | STANDARD NUMBER: BR-1



SECTION A-A

NOTES:

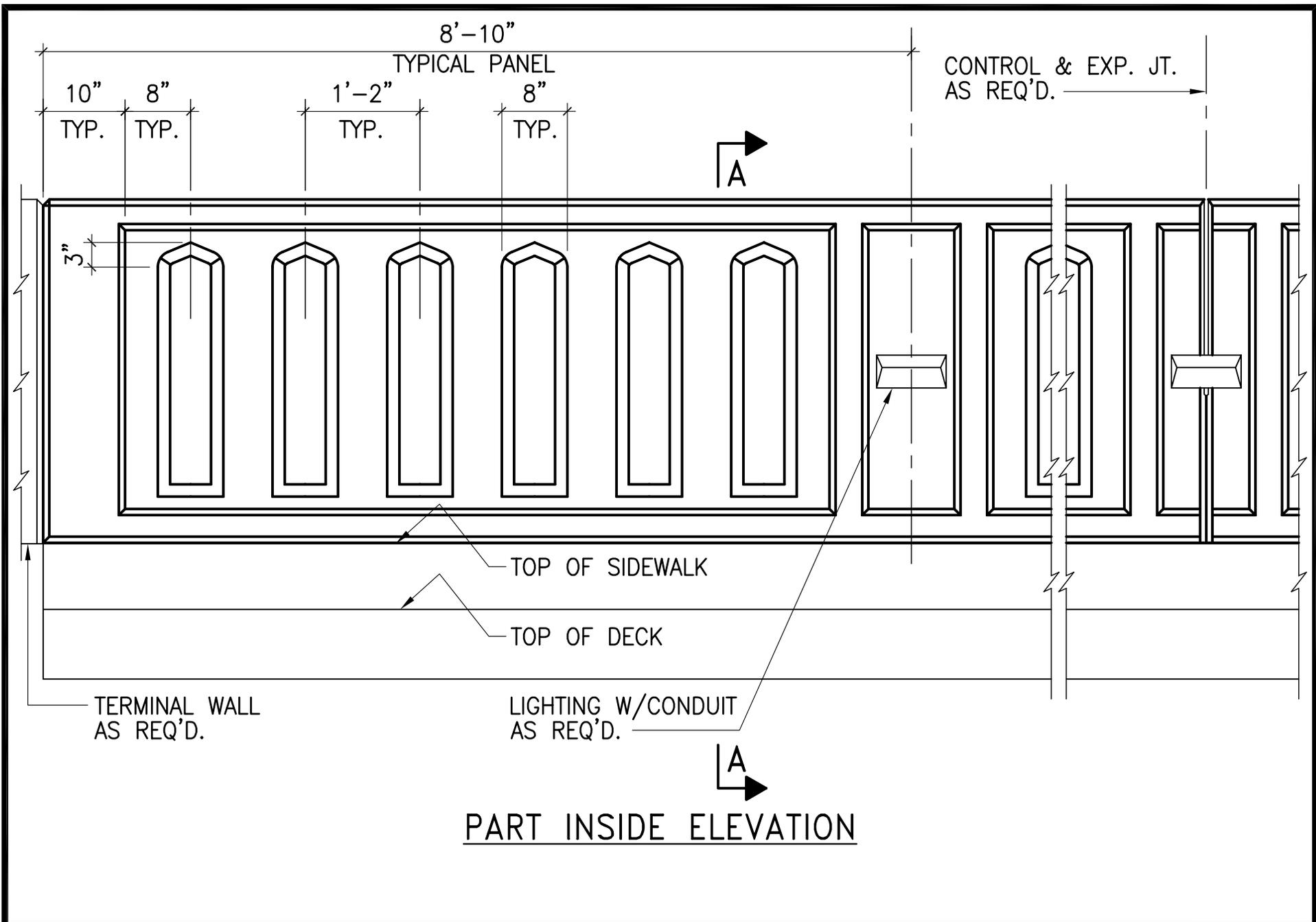
- MATERIAL:
  - TUBING – ASTM A53, TYPE S.
  - HSS – ASTM A500, GRADE B.
  - PLATE – ASTM A36.
- CONSTRUCTION AND MATERIALS SHALL BE PER VDOT SPECIFICATIONS AND SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF VIRGINIA TO WITHSTAND VEHICLE IMPACTS FOR THE PROJECT DESIGN SPEED.
- FINISH, APPLICATION, AND METHOD OF FABRICATION AND INSTALLATION SHALL MATCH WITH W. MAIN ST. OVER NORFOLK SOUTHERN RAILROAD BRIDGE IN THE CITY.



CITY OF CHARLOTTESVILLE

REVISION	DATE

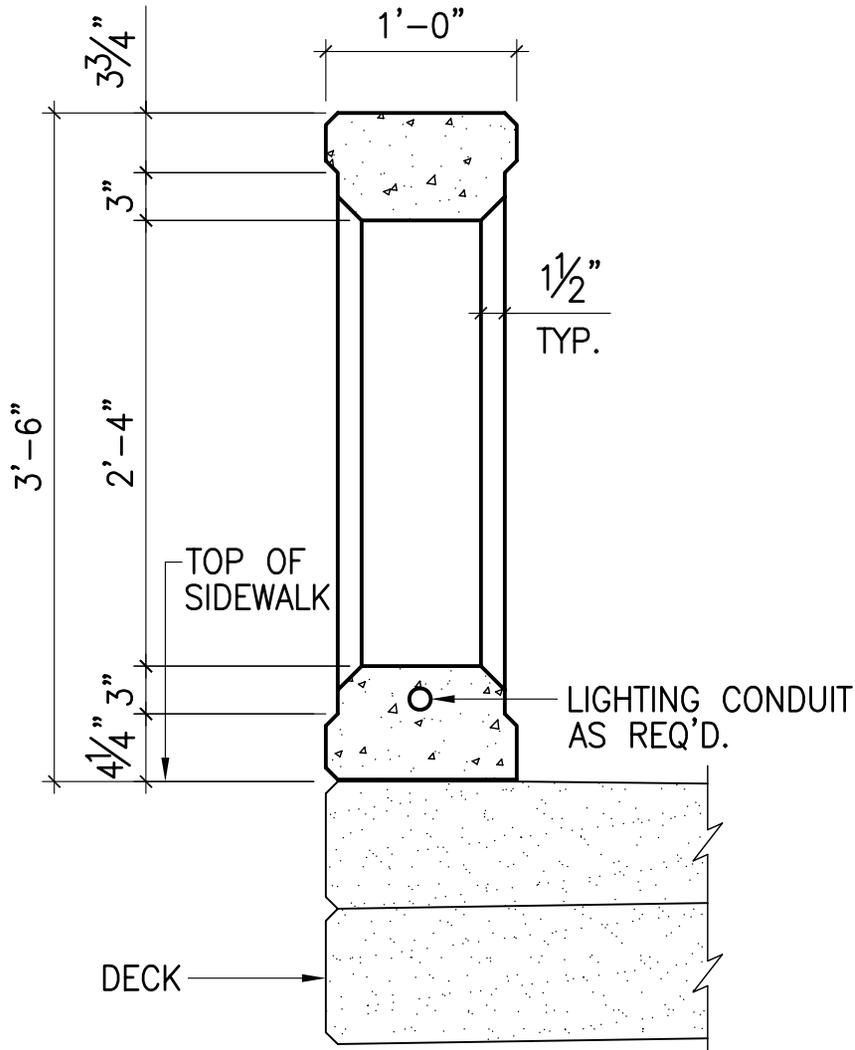
CITY STANDARDS	
METAL RAILING SECTION & NOTES (SHEET 2 OF 2)	
SCALE: N.T.S.	STANDARD NUMBER: BR-1



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
CONCRETE RAILING INSIDE ELEVATION (SHEET 1 OF 2)	
SCALE: N.T.S.	STANDARD NUMBER: BR-2



SECTION A-A

NOTES:

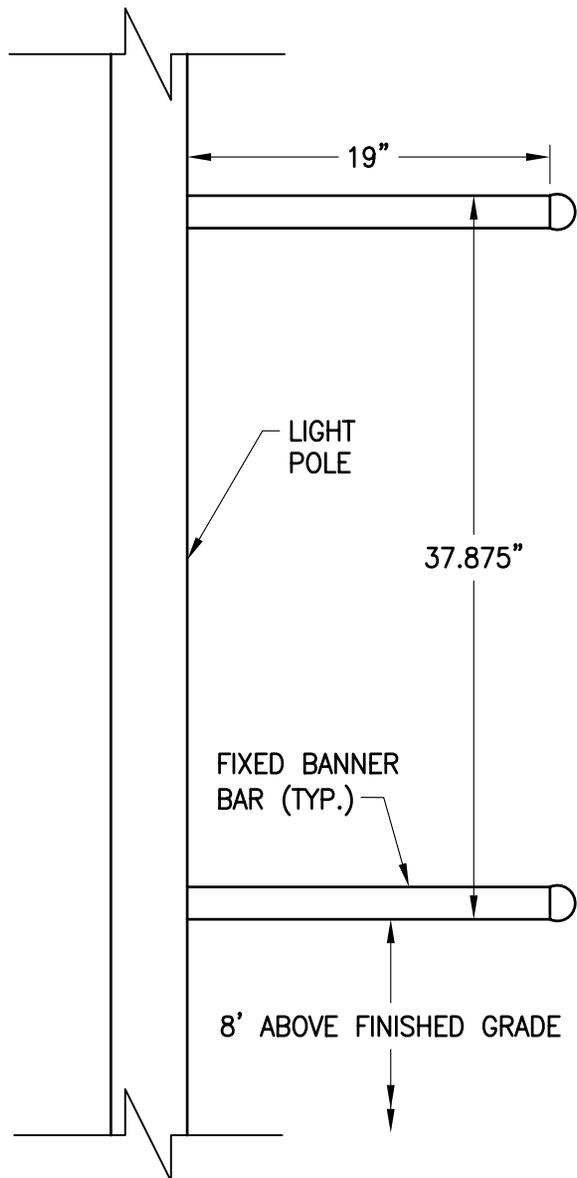
- MATERIAL:
  - CONCRETE – CLASS A4.
  - REINFORCING STEEL – ASTM A653, GRADE 60.
- CONSTRUCTION AND MATERIALS SHALL BE PER VDOT SPECIFICATIONS AND SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF VIRGINIA TO WITHSTAND VEHICLE IMPACTS FOR THE PROJECT DESIGN SPEED.
- FINISH, APPLICATION, AND METHOD OF FABRICATION AND INSTALLATION SHALL MATCH WITH PARK ST. OR LOCUST AVE. OVER RTE. 250 BYPASS BRIDGE IN THE CITY.



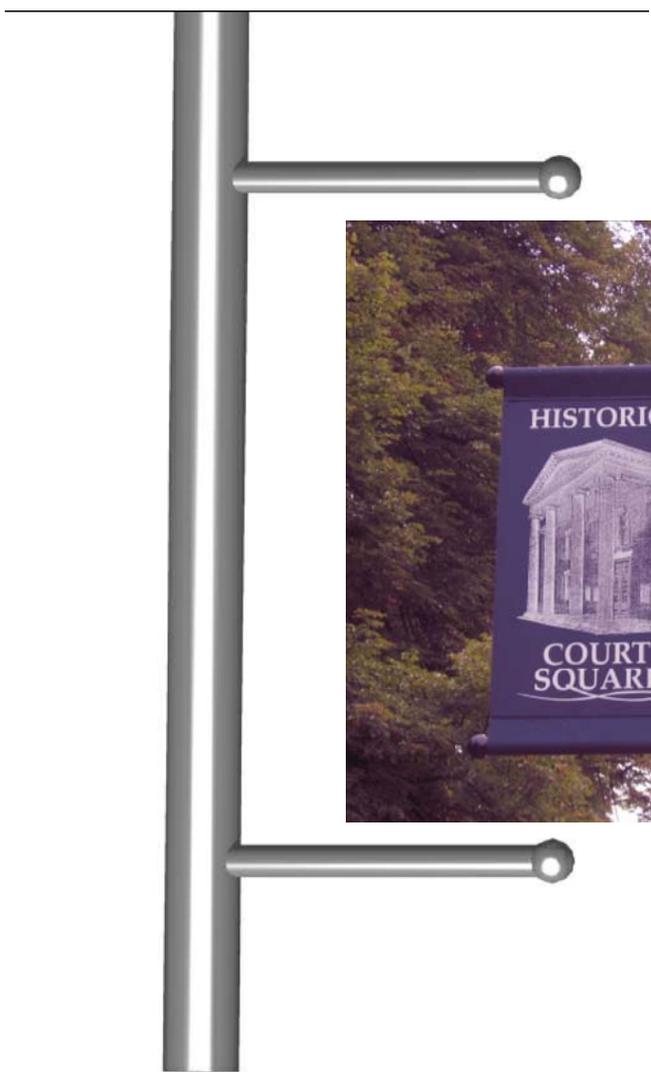
CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
CONCRETE RAILING SECTION & NOTES (SHEET 2 OF 2)	
SCALE: N.T.S.	STANDARD NUMBER: BR-2



SECTION



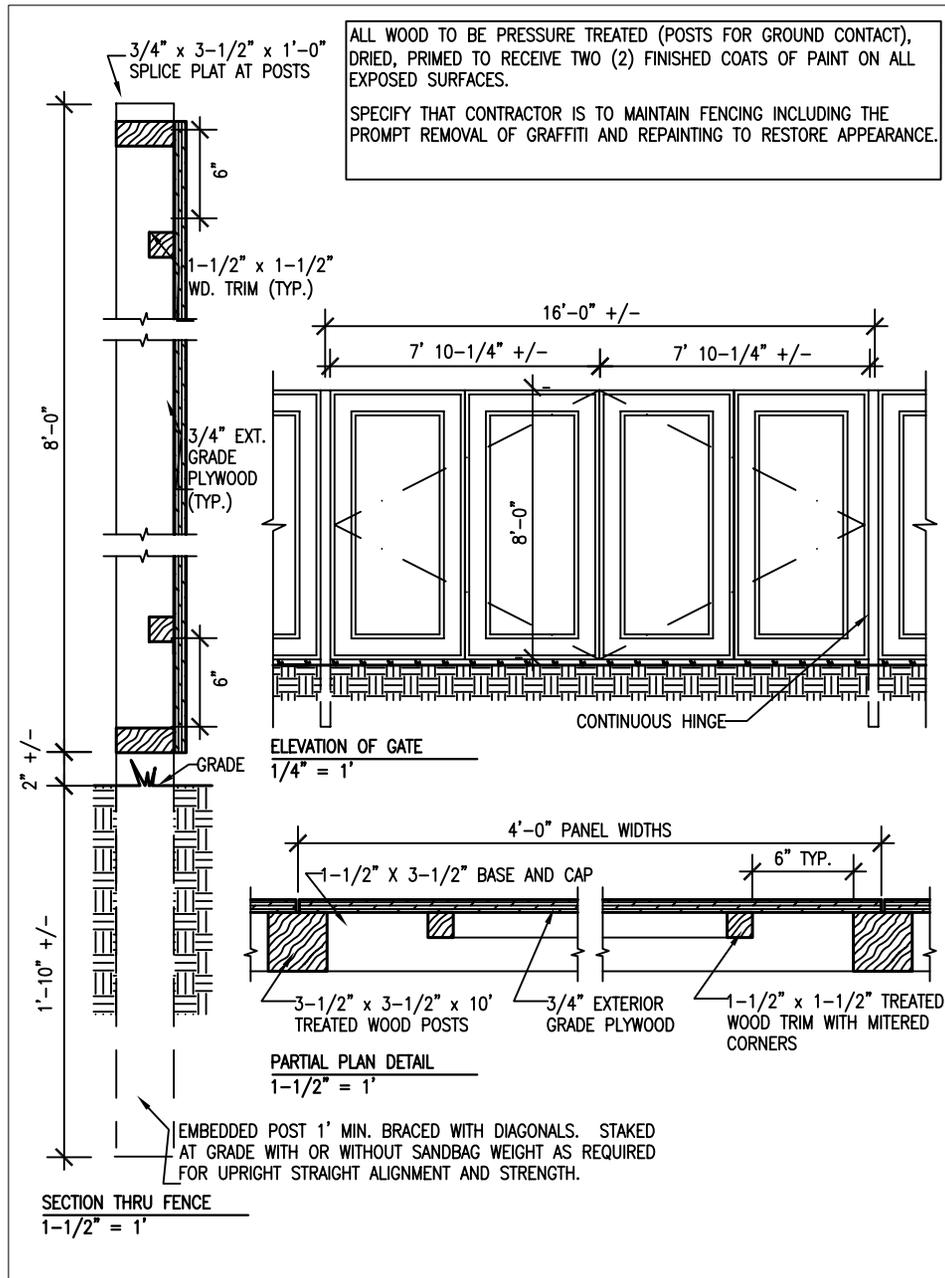
PERSPECTIVE



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
BANNER SPACING DETAIL	
SCALE: N.T.S.	STANDARD NUMBER: BS-1



ALL WOOD TO BE PRESSURE TREATED (POSTS FOR GROUND CONTACT), DRIED, PRIMED TO RECEIVE TWO (2) FINISHED COATS OF PAINT ON ALL EXPOSED SURFACES.

SPECIFY THAT CONTRACTOR IS TO MAINTAIN FENCING INCLUDING THE PROMPT REMOVAL OF GRAFFITI AND REPAINTING TO RESTORE APPEARANCE.



CITY OF CHARLOTTESVILLE

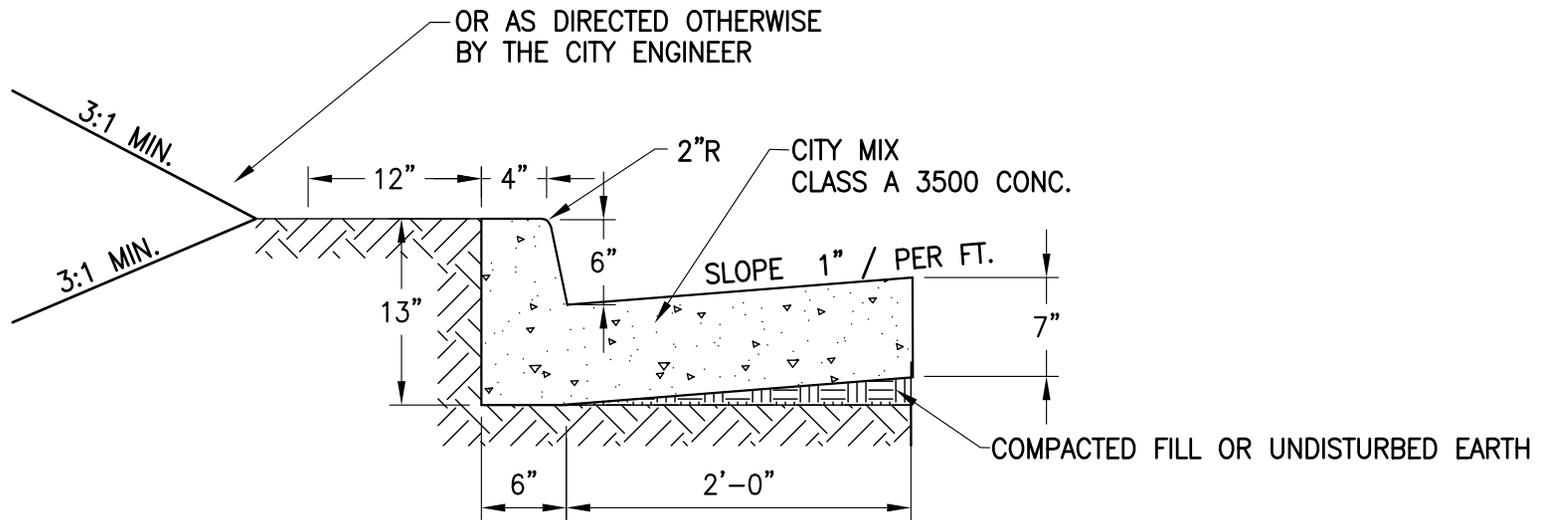
REVISION	DATE

CITY STANDARDS

CONSTRUCTION FENCING

SCALE: N.T.S. | STANDARD NUMBER: CF-1





**NOTES:**

1. THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED PARALLEL TO THE SLOPE OF SUB-SURFACE COURSES PROVIDED A MINIMUM DEPTH OF 7" IS MAINTAINED.
2. COMBINATION CURB & GUTTER HAVING A RADIUS OF 300' OR LESS (ALONG FACE OF CURB) SHALL BE CONSIDERED RADIAL COMBINATION CURB & GUTTER.
3. RULED JOINTS SHALL BE PLACED AT 10' O.C.
4. PLACE 1/2" PREMOLDED EXPANSION JOINT FILLER AT 30' MAX. O.C.



CITY OF CHARLOTTESVILLE

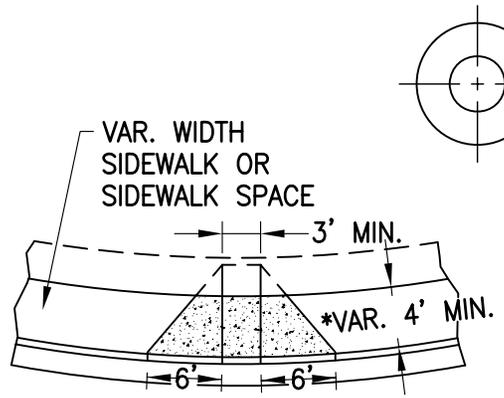
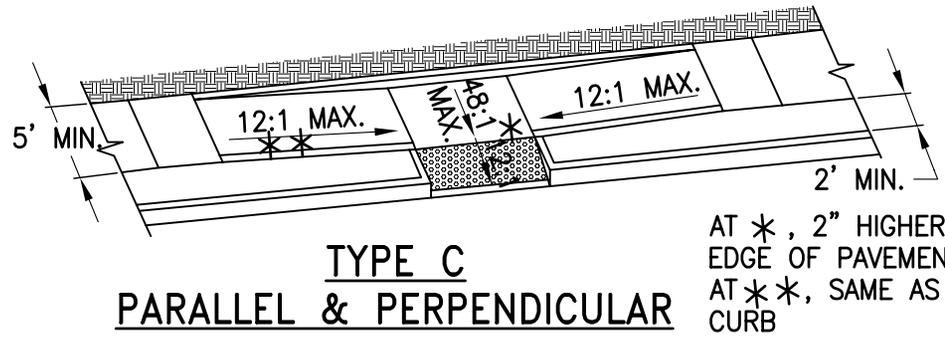
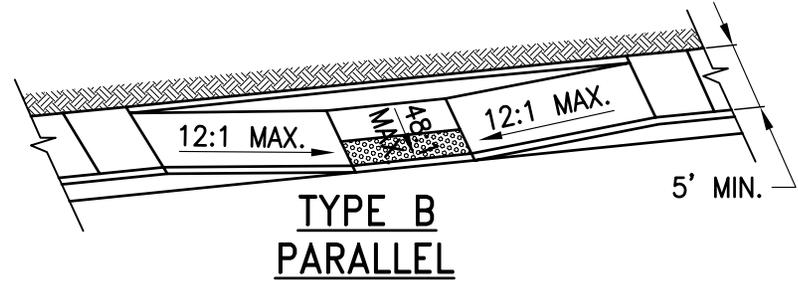
REVISION	DATE

CITY STANDARDS  
**COMBINATION CURB  
 & GUTTER**

SCALE: N.T.S.      STANDARD NUMBER: CG-6

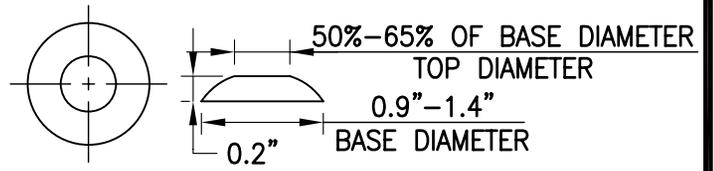
# GENERAL NOTES:

1. DETECTABLE WARNING TO BE PRE-FORMED PLASTIC INSERT WITH SLIP RESISTANT SURFACE COVERING THE FULL WIDTH OF THE RAMP FLOOR BY 2 FOOT IN LENGTH IN THE DIRECTION OF TRAVEL.
2. THE DETECTABLE WARNING SHALL BE PROVIDED BY TRUNCATED DOMES. TRUNCATED DOMES TO BE STAMPED IN TOP SURFACE. THE COLOR OF THE DETECTABLE WARNING SECTION SHALL BE YELLOW.
3. SLOPING SIDES OF CURB RAMP MAY BE POURED MONOLITHICALLY WITH RAMP FLOOR OR BY USING PERMISSIBLE CONSTRUCTION JOINT WITH REQUIRED BARS.
4. IF RAMP FLOOR IS PRECAST, HOLES MUST BE PROVIDED FOR DOWEL BARS SO THAT ADJOINING FLARED SIDES CAN BE CAST IN PLACE AFTER PLACEMENT OF PRECAST RAMP FLOOR. PRECAST CONCRETE SHALL BE CLASS A-4.
5. REQUIRED BARS ARE TO BE NO. 5 X 8" PLACED 1' CENTER TO CENTER ALONG BOTH SIDES OF THE RAMP FLOOR, MID-DEPTH OF RAMP FLOOR. MINIMUM CONCRETE COVER 1 1/2".
6. RAMPS MAY BE PLACED ON RADIAL OR TANGENTIAL SECTIONS PROVIDED THAT THE CURB OPENING IS PLACED WITHIN THE LIMITS OF THE CROSSWALK AND THAT THE SLOPE AT THE CONNECTION OF THE CURB OPENING IS PERPENDICULAR TO THE CURB.
7. TYPICAL CONCRETE SIDEWALK IS 4" THICK. WHEN THE RAMP IS PLACED IN THE CURB RETURN RADIUS IT SHALL BE 7" THICK.
8. WHEN CURB RAMPS ARE USED IN CONJUNCTION WITH A SHARED USE PATH, THE MINIMUM WIDTH SHALL BE THE WIDTH OF THE SHARED USE PATH.

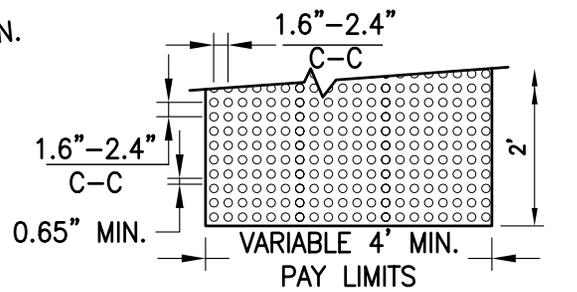


\* TREATMENT WHERE  
WIDTH OF SIDEWALK  
OR SIDEWALK SPACE  
IS LESS THAN 7'-4"

**CG-12  
CURB RAMP**



**TRUNCATED DOME  
DETAIL**



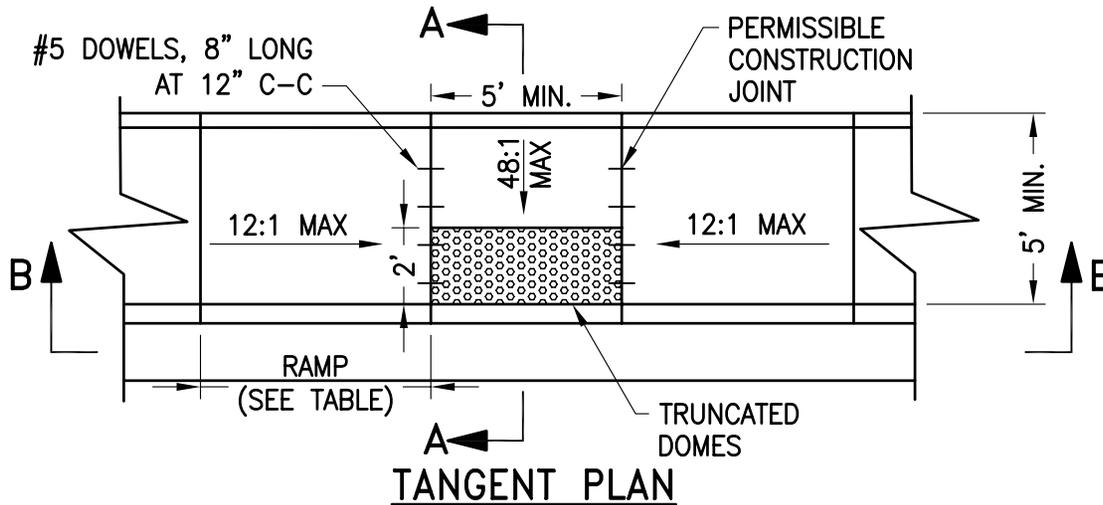
**DETECTABLE WARNING  
DETAIL**



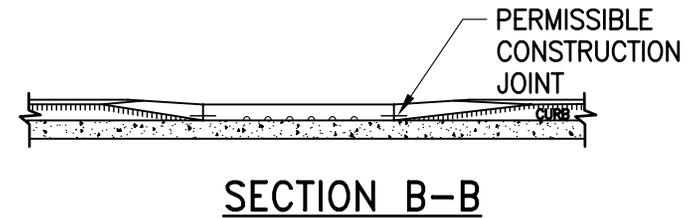
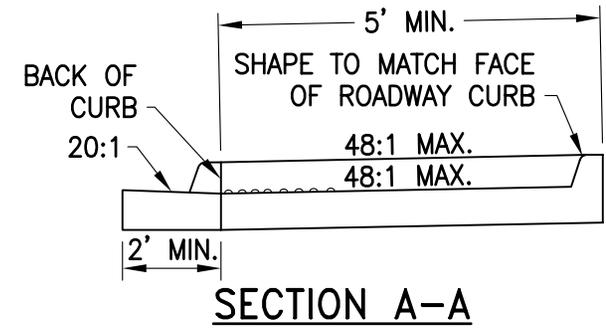
CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
CG-12 DETECTABLE WARNING SURFACE GENERAL NOTES (SHEET 1 OF 3)	
SCALE: N.T.S.	STANDARD NUMBER: CG-12

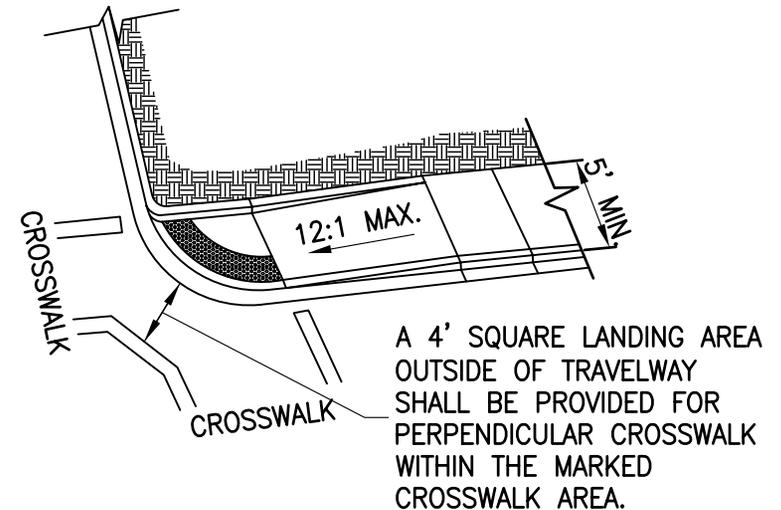
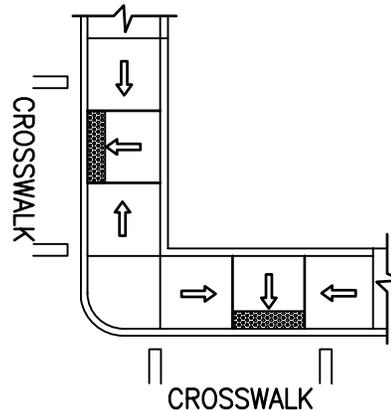


NOTE: FOR GENERAL NOTES ON THE DETECTABLE WARNING SURFACE, SEE SHEET 1 OF 3.



TYPE B PARALLEL APPLICATION		
ROADWAY GRADE (%)	MIN. RAMP LENGTH (FT)	
	4" CURB	6" CURB
0	4	6
1	5	7
2	5	8
3	6	9
4	8	12
5	10	15
6	14	15

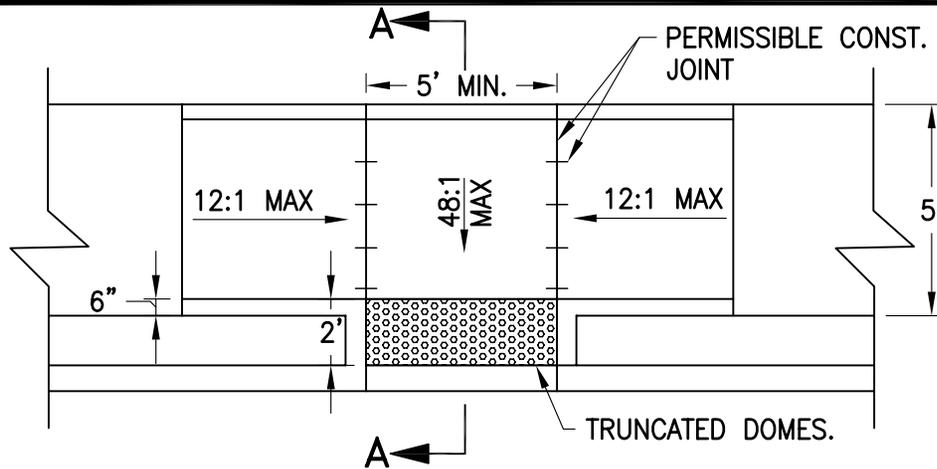
NOTE: THE REQUIRED LENGTH OF A PARALLEL RAMP IS LIMITED TO 15 FEET, REGARDLESS OF THE SLOPE.



CITY OF CHARLOTTESVILLE

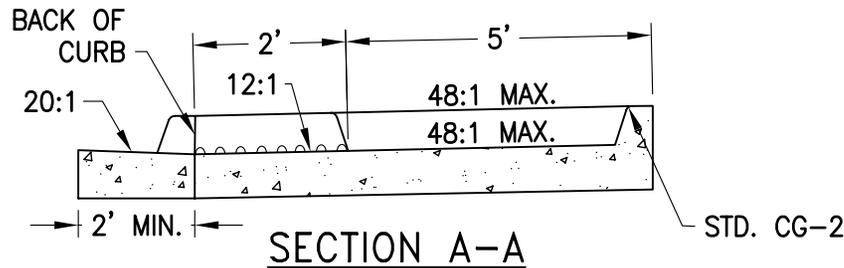
REVISION	DATE

CITY STANDARDS	
CG-12 DETECTABLE WARNING SURFACE TYPE B (SHEET 2 OF 3)	
SCALE: N.T.S.	STANDARD NUMBER: CG-12

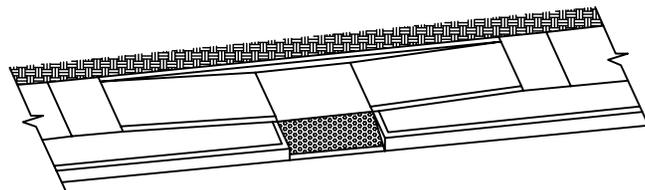


**TANGENT PLAN**

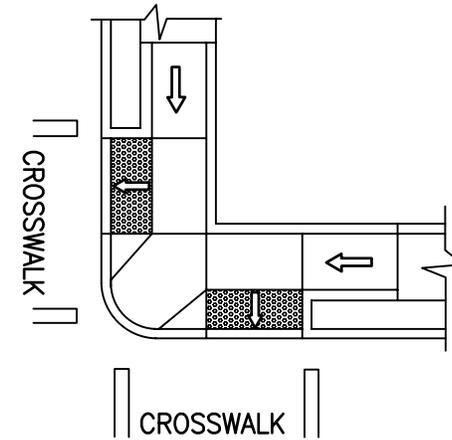
NOTE: FOR GENERAL NOTES ON THE DETECTABLE WARNING SURFACE, SEE SHEET 1 OF 3.



**SECTION A-A**



THIS COMBINED (PARALLEL & PERPENDICULAR) DESIGN FOR ALTERATIONS CAN BE USED WITH ADJOINING BUFFER STRIP. LANDING AT BOTTOM OF TWO SLOPING SIDES WITH 60"X60" MIN. DIMENSIONS. THE SHORT PERPENDICULAR RUN TO THE STREET CAN BE PROTECTED BY A LANDSCAPED SETBACK OR CONNECTED TO THE SIDEWALK WITH A WARPED SURFACE.



**TYPICAL PLACEMENT AT INTERSECTION WITH PLANTING STRIP**

THE SELECTION OF CURB TYPE AND THE CONFIGURATION OF THE UTILITY TRIP MAY VARY TO MEET EXISTING FIELD CONDITIONS AND ROADWAY GEOMETRICS PROVIDING THE DIMENSIONS AND SLOPES ARE AS NOTED.

TYPE C PARALLEL & PERPENDICULAR APPLICATION		
ROADWAY GRADE (%)	MIN. RAMP LENGTH (FT)	
	4" CURB	6" CURB
0	2	4
1	2	5
2	3	5
3	3	6
4	4	8
5	5	10
6	7	14
7	13	15
8	15	15

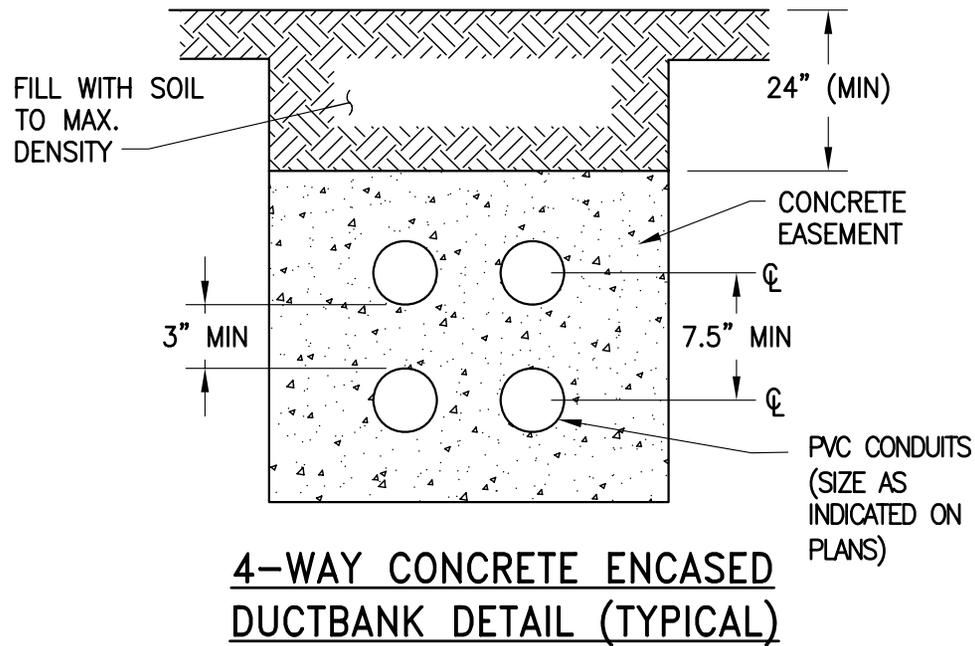
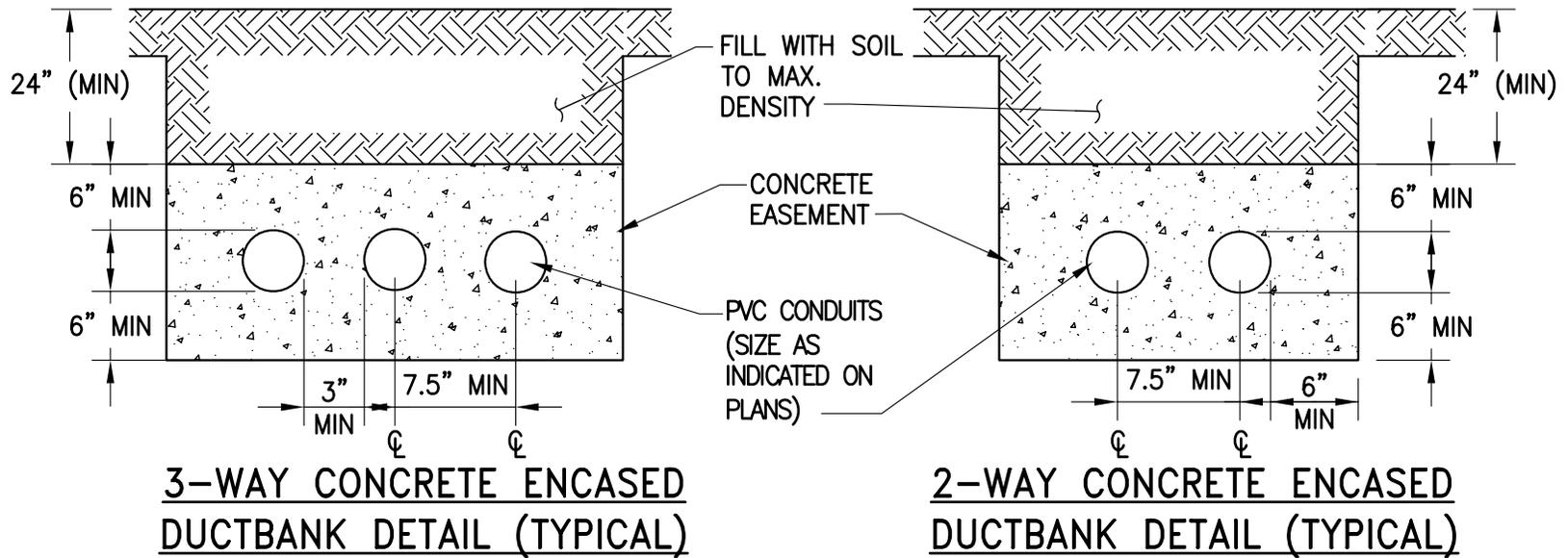
NOTE: THE REQUIRED LENGTH OF A PARALLEL RAMP IS LIMITED TO 15 FEET, REGARDLESS OF THE SLOPE.



**CITY OF CHARLOTTESVILLE**

REVISION	DATE

CITY STANDARDS	
CG-12 DETECTABLE WARNING SURFACE TYPE C (SHEET 3 OF 3)	
SCALE: N.T.S.	STANDARD NUMBER: CG-12



CITY OF CHARLOTTESVILLE

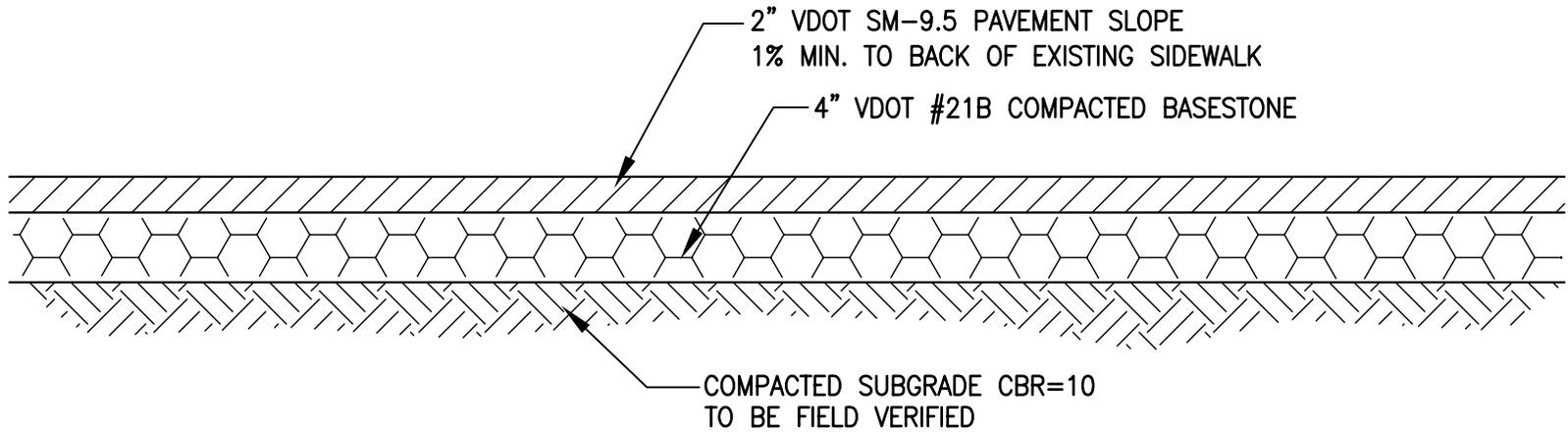
REVISION	DATE

CITY STANDARDS

UTILITY DUCTBANK DETAIL

SCALE: N.T.S.

STANDARD NUMBER: DB-1



**PAVEMENT DRIVEWAY DETAIL**  
NO SCALE

**NOTES:**

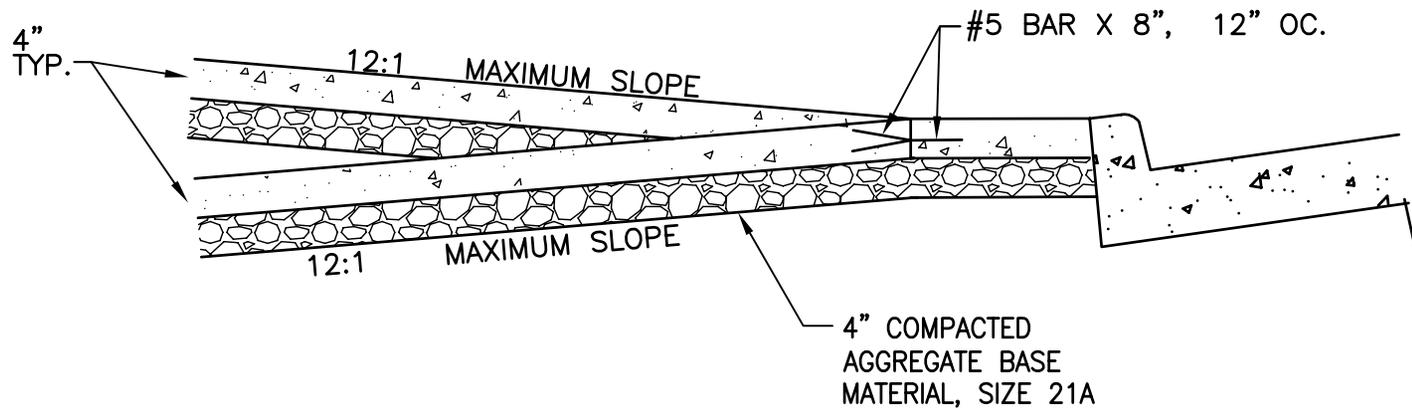
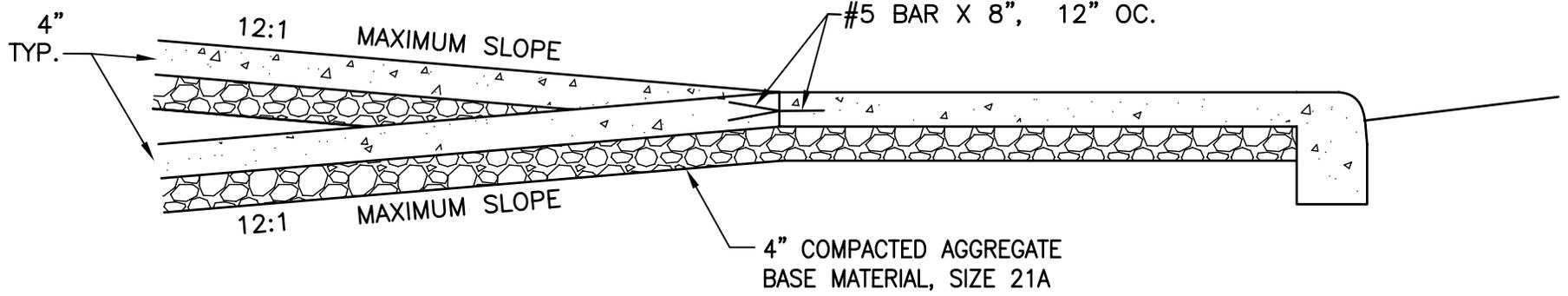
1. PAVEMENT SHALL CONSIST OF MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.
2. USE WITH NEW DRIVEWAYS OR DRIVEWAY ADJUSTMENTS.



CITY OF CHARLOTTESVILLE

REVISION	DATE

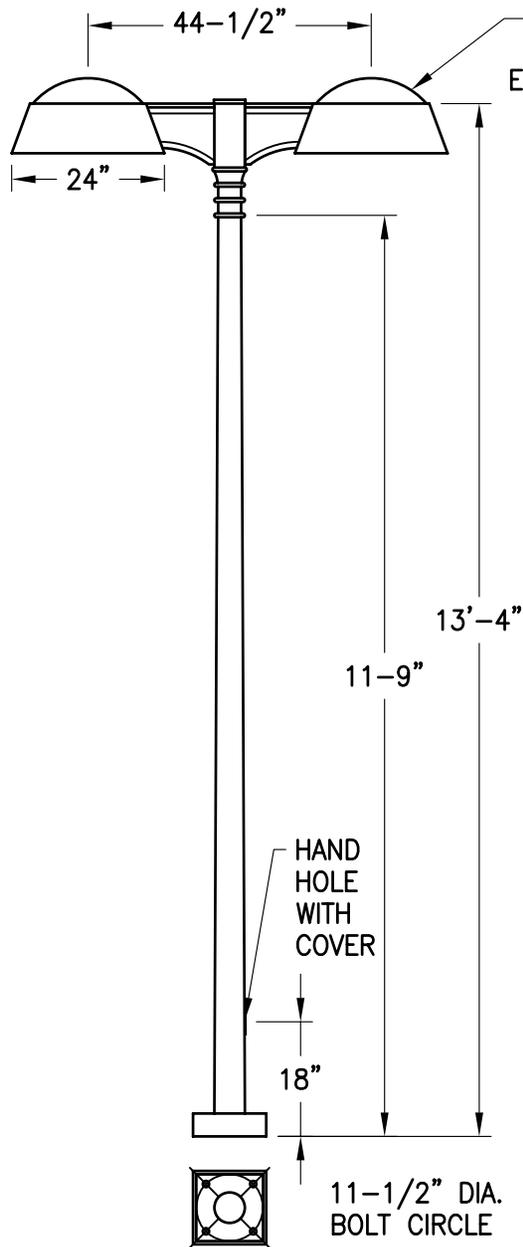
CITY STANDARDS	
DRIVEWAY DETAIL	
SCALE: N.T.S.	STANDARD NUMBER: DW-1



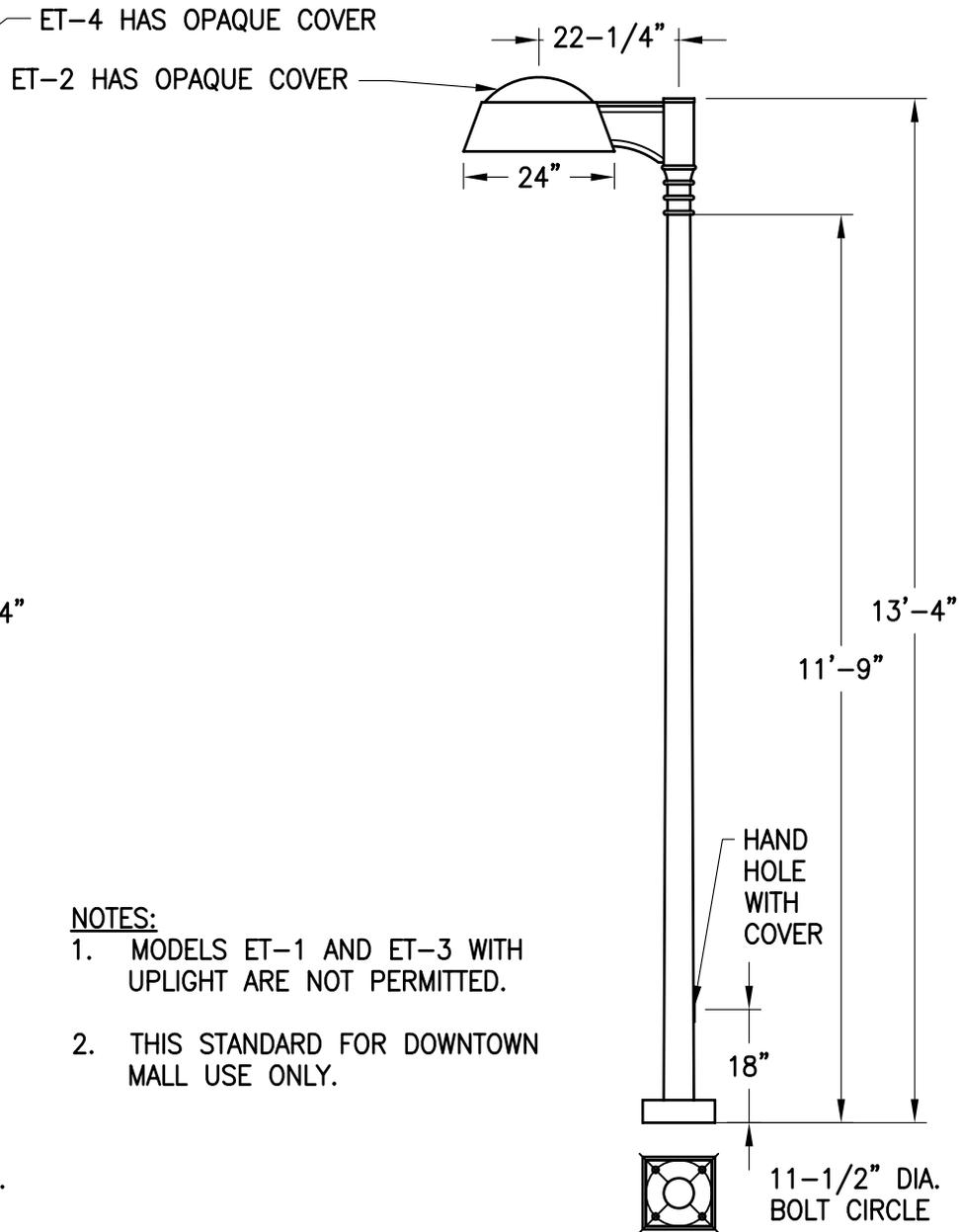
CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
ENTRANCE WALK ADJUSTMENTS	
SCALE: N.T.S.	STANDARD NUMBER: EWA-1



TYPE ET-4



TYPE ET-2

**NOTES:**

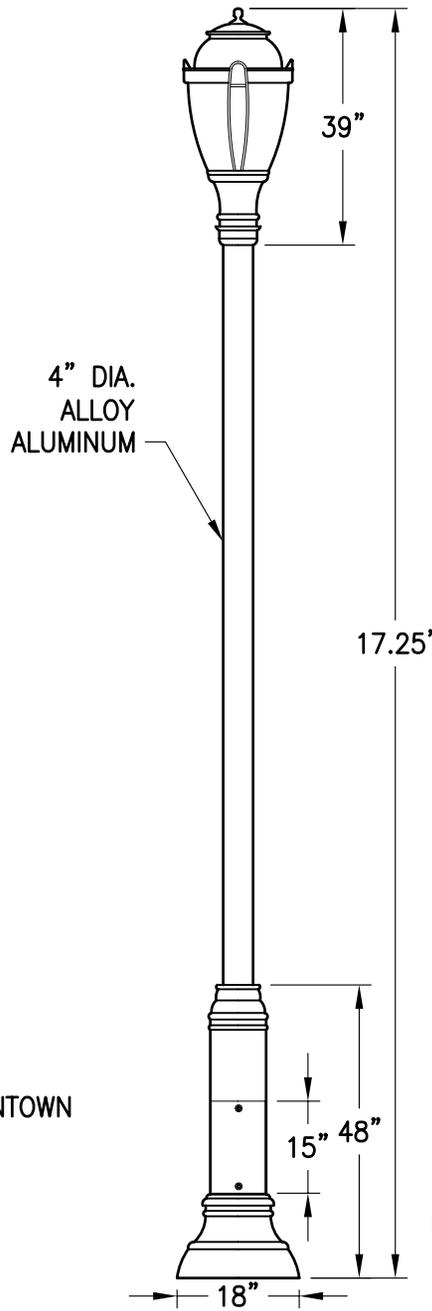
1. MODELS ET-1 AND ET-3 WITH UPLIGHT ARE NOT PERMITTED.
2. THIS STANDARD FOR DOWNTOWN MALL USE ONLY.



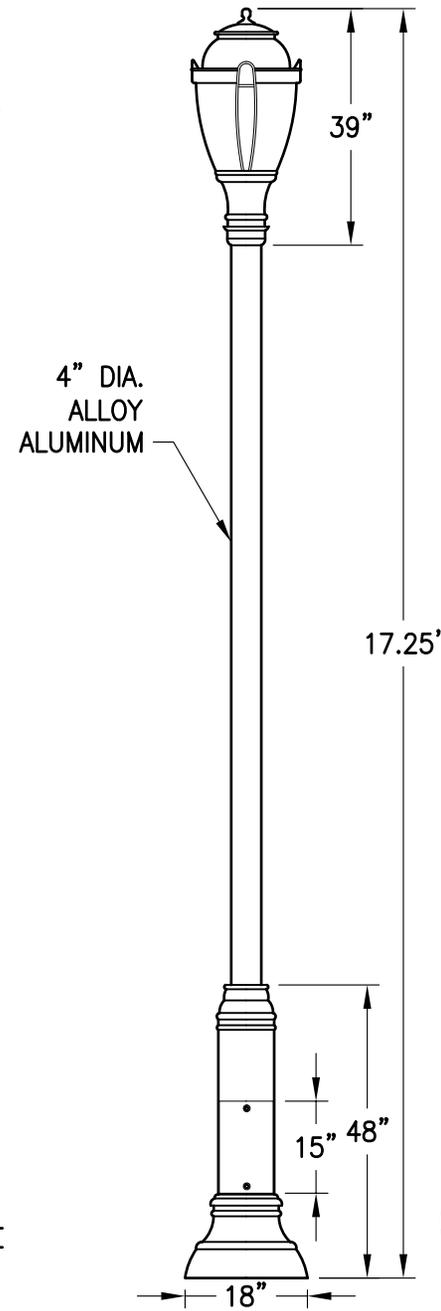
CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
DOWNTOWN MALL LIGHT FIXTURE - TYPE 1	
SCALE: N.T.S.	STANDARD NUMBER: LF-1

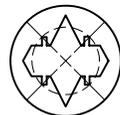


TYPE EP-1  
MOGUL BASE LAMP  
HOLDER

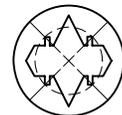


TYPE PL-1  
MEDIUM BASE LAMP  
HOLDER

NOTE:  
THIS STANDARD FOR DOWNTOWN  
MALL USE ONLY



11" DIA.  
BOLT CIRCLE



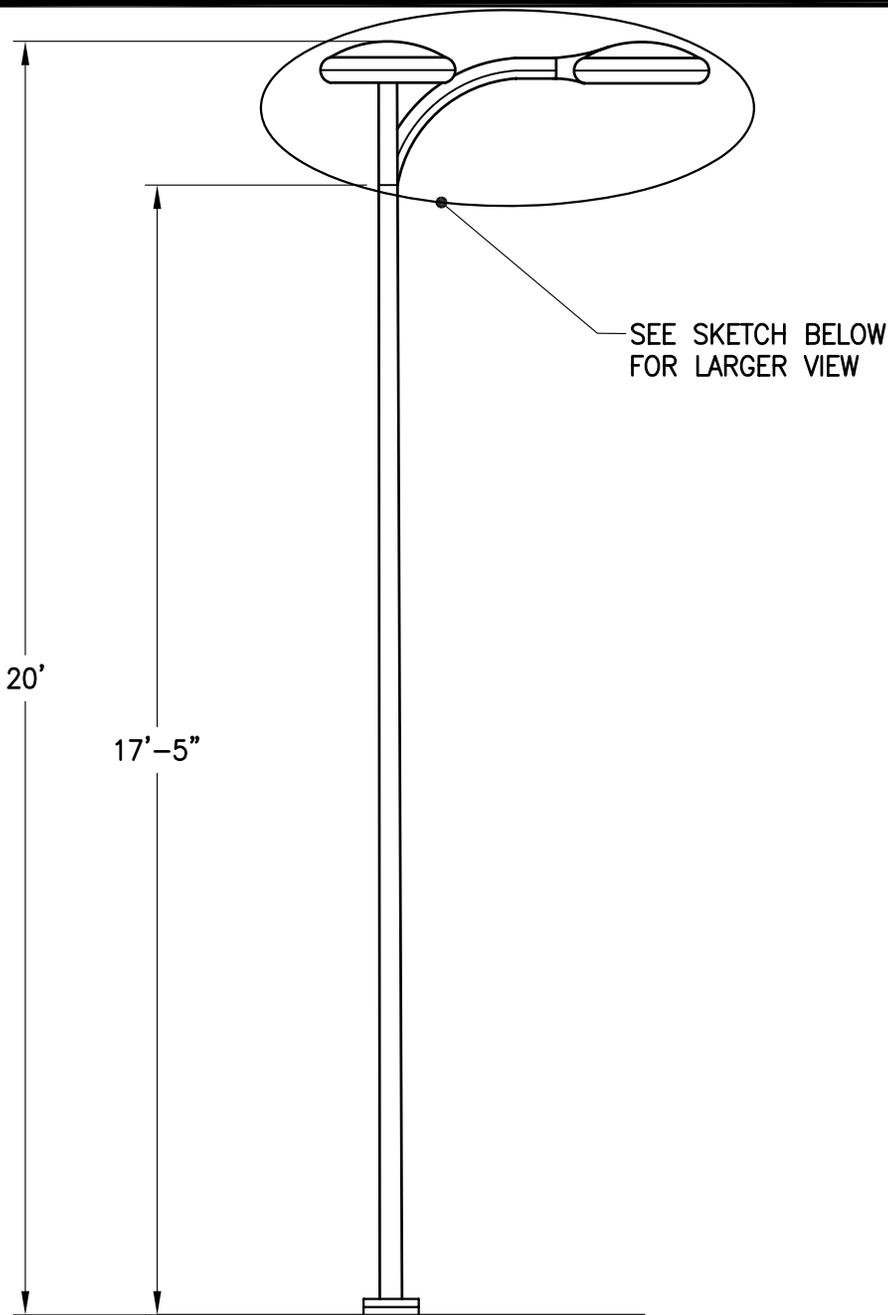
11" DIA.  
BOLT CIRCLE



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
DOWNTOWN MALL LIGHT FIXTURE TYPE 2	
SCALE: N.T.S.	STANDARD NUMBER: LF-2



## TYPE SL2

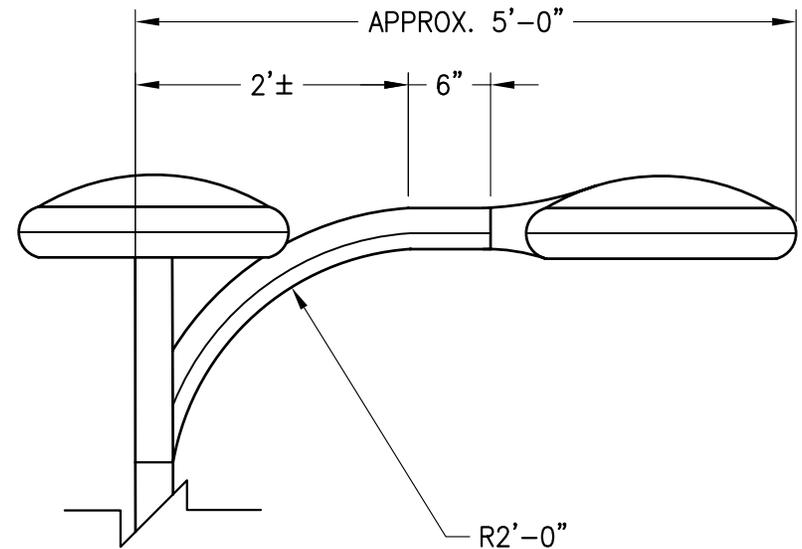
### DESCRIPTION:

EXTERIOR METAL HALIDE STREET LIGHT, 2-HEADS AT 90°, FULL CUT-OFF, TYPE III OPTICS, 20'-0" TO TOP OF HEAD, BLACK FINISH

### LAMP TYPE:

250 WATT METAL HALIDE ED28, 4000K, 65CRI  
 MAX. WATT = 288  
 VOLTS = 120

NOTE: THIS STANDARD FOR DOWNTOWN MALL USE ONLY.



CITY OF CHARLOTTESVILLE

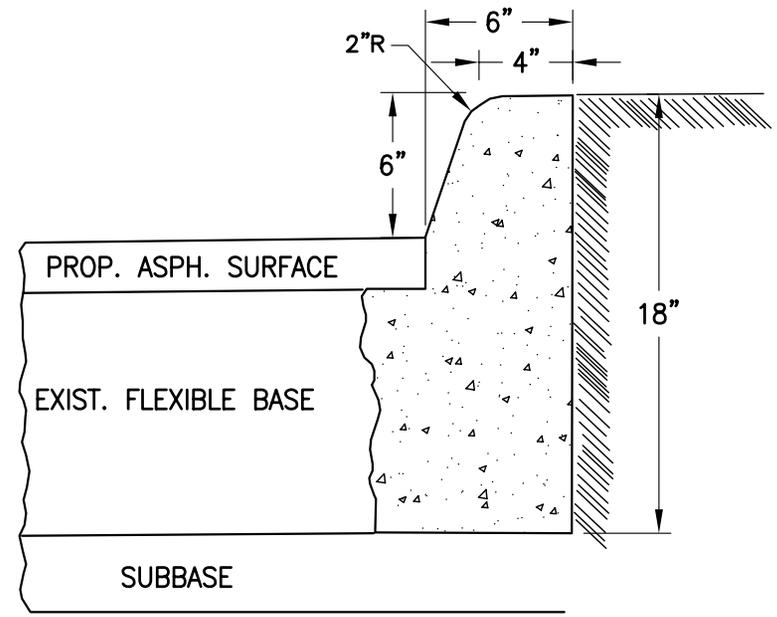
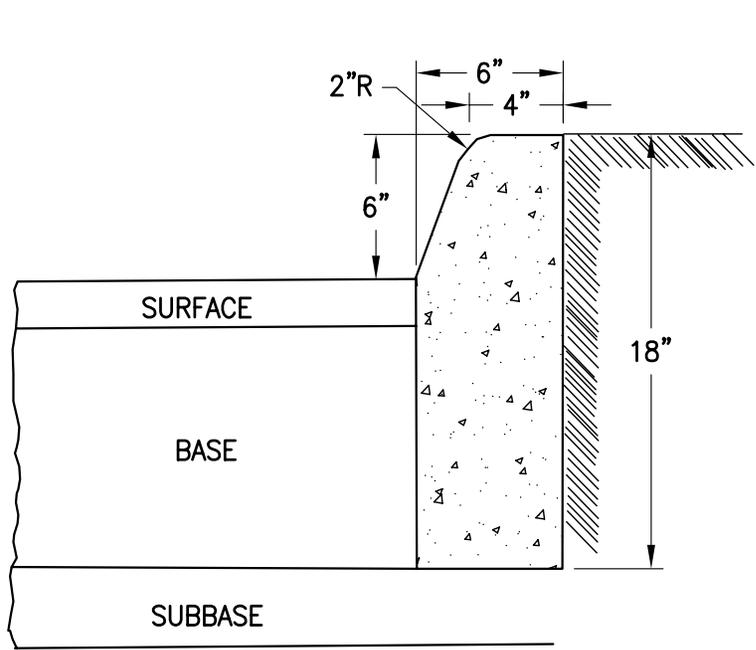
REVISION	DATE

CITY STANDARDS	
DOWNTOWN MALL LIGHT FIXTURE TYPE 3	
SCALE: N.T.S.	STANDARD NUMBER: LF-3



THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3"(15"DEPTH) OR INCREASED AS MUCH AS 3" (21" DEPTH) IN ORDER THAT THE BOTTOM OF CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. OTHERWISE THE DEPTH IS TO BE 18" AS SHOWN.

THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3"(15"DEPTH) OR INCREASED AS MUCH AS 3" (21" DEPTH) IN ORDER THAT THE BOTTOM OF CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. OTHERWISE THE DEPTH IS TO BE 18" AS SHOWN.



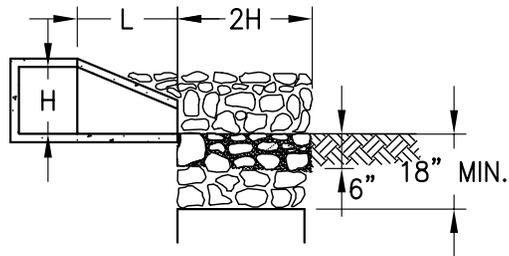
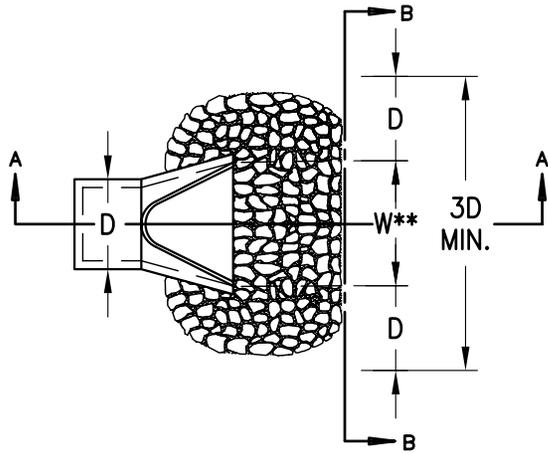
NOTE: CONCRETE TO BE CITY MIX CLASS A 3500



CITY OF CHARLOTTESVILLE

REVISION	DATE

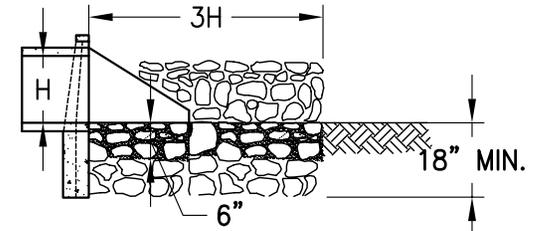
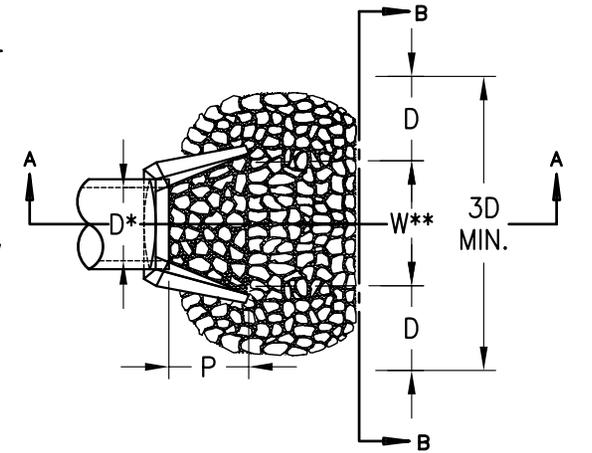
CITY STANDARDS	
CONCRETE MEDIAN CURB	
SCALE: N.T.S.	STANDARD NUMBER: MC-1



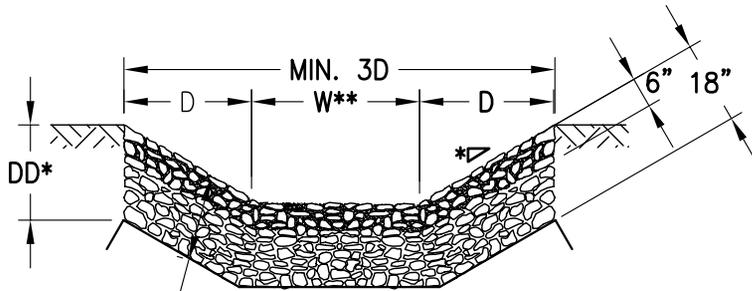
SECTION A-A

**NOTES:**

1. STONE FOR EROSION CONTROL SHALL MEET THE REQUIREMENTS OF THE CURRENT VDOT ROAD AND BRIDGE SPECIFICATIONS (RBS) SECTION 204.
2. PLACEMENT OF STONE SHALL MEET REQUIREMENTS OF RBS SECTION 414, FOR DRY RIP RAP CLASS I.
3. THE TOP 6" OF EROSION CONTROL STONE SHALL BE GROUTED.
4. THE SURFACE OF ALL EROSION CONTROL STONE IS TO BE ROUGH OR IRREGULAR. HOWEVER, THE VARIATION OF THE GROUTED SURFACE SHALL NOT EXCEED 1/4 OF THE THICKNESS OF THE MAXIMUM SIZE STONE.
5. FOR MULTIPLE LINE INSTALLATIONS DIMENSION DI IS TO GOVERN THE PROTECTION OUTSIDE THE CHANNEL WIDTH (W).



SECTION A-A



SECTION B-B

\*\*D REPRESENTS SPAN FOR BOX CULVERT INSTALLATIONS.

H = DIAMETER FOR ROUND PIPE, RISE FOR PIPE ARCH OR BOX HEIGHT.

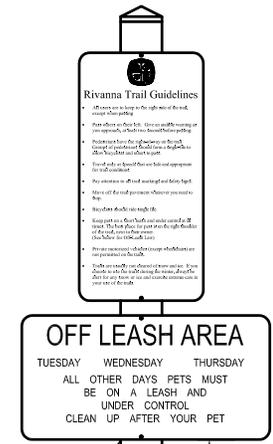
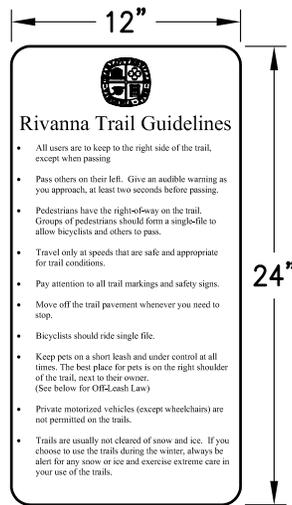
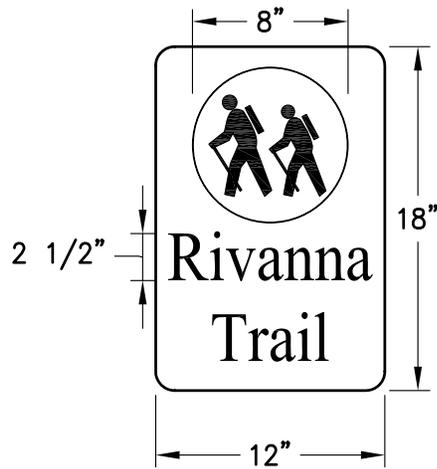
\*\* USE TYPICAL SECTION SHOWN ON PLANS OR NORMAL SIDE SLOPE, BOTTOM WIDTH, AND DEPTH OF CHANNEL, DITCH OR NATURAL GROUND.



CITY OF CHARLOTTESVILLE

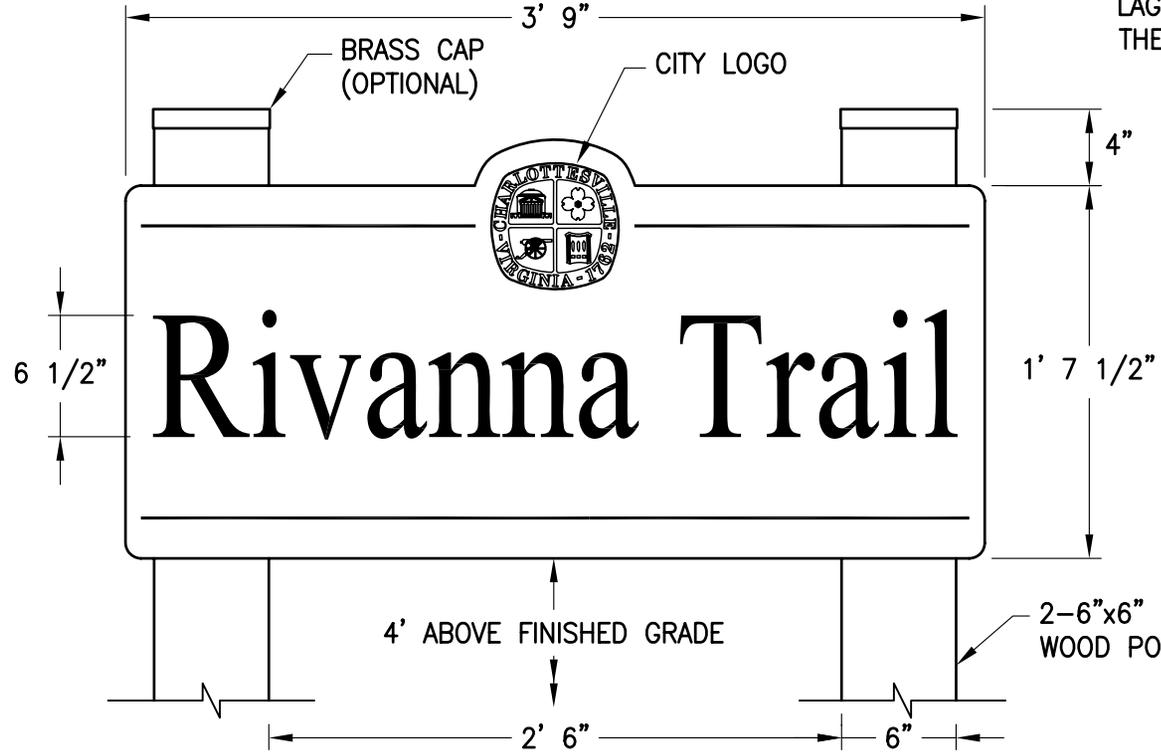
REVISION	DATE

CITY STANDARDS	
MODIFIED EC-1 STONE FOR EROSION CONTROL	
SCALE: N.T.S.	STANDARD NUMBER: MEC-1



1-4"x4" POST WITH LIGHT GAGE ALUMINUM SIGNS LAG BOLTED/SCREWED INTO THE FACE OF THE POST

4' 10" ABOVE FINISHED GRADE



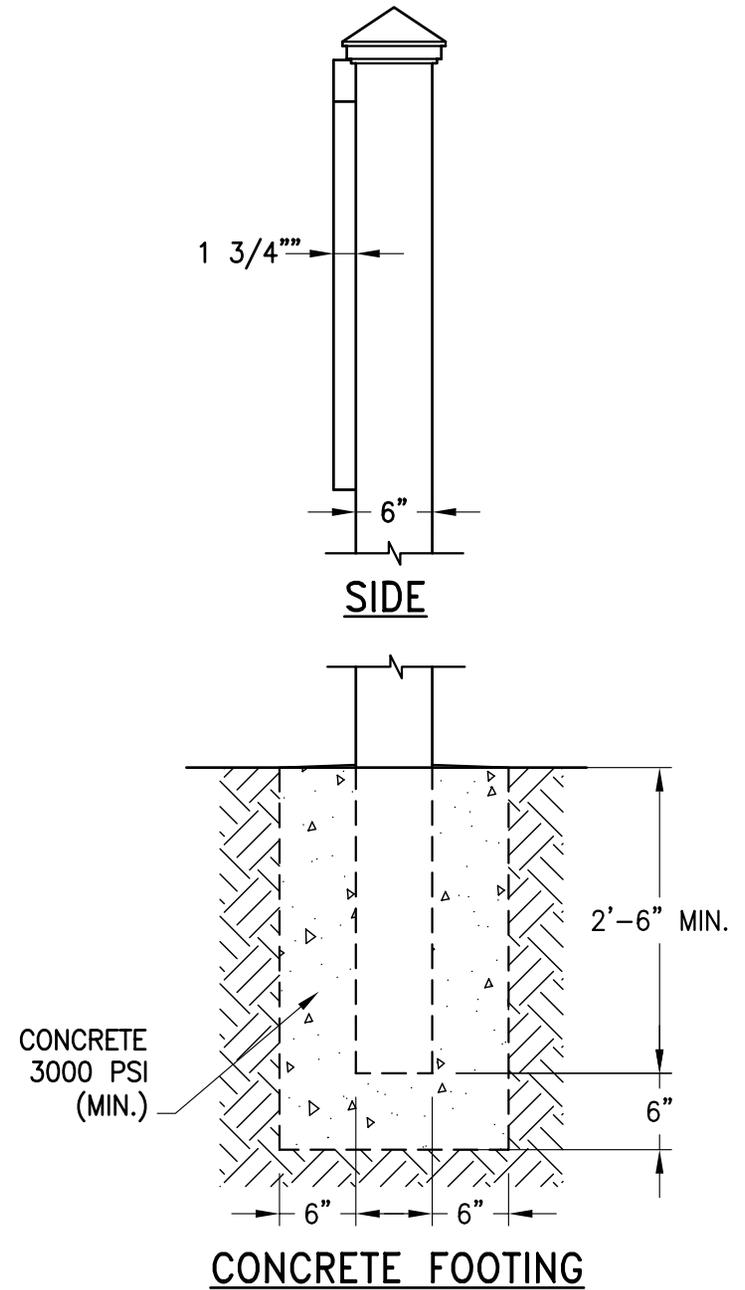
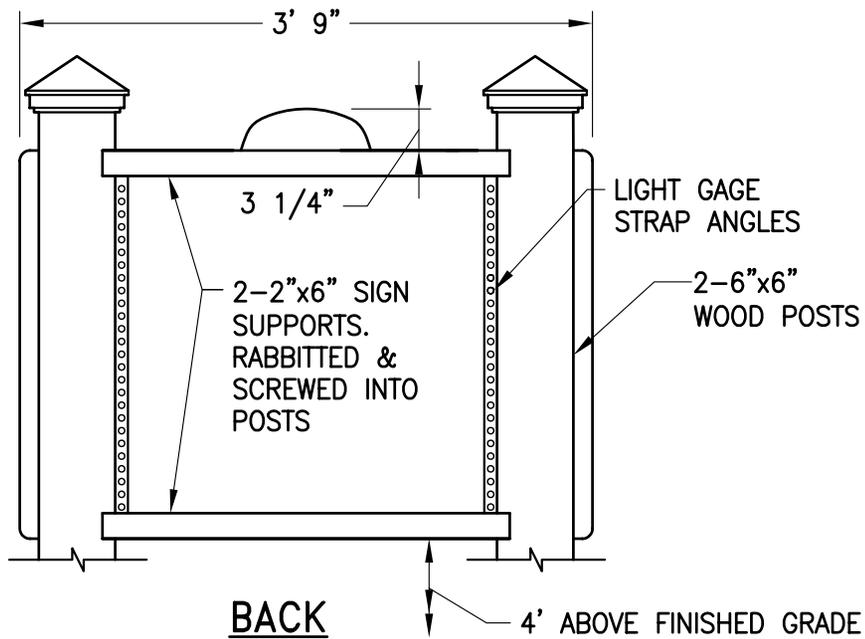
- NOTES:**
1. FOR SIDE AND BACK OF SIGN SEE BT-2, SHEET 2 OF 2.
  2. FOR SIGN FOOTING SEE BT-2, SHEET 2 OF 2.



CITY OF CHARLOTTESVILLE

REVISION	DATE

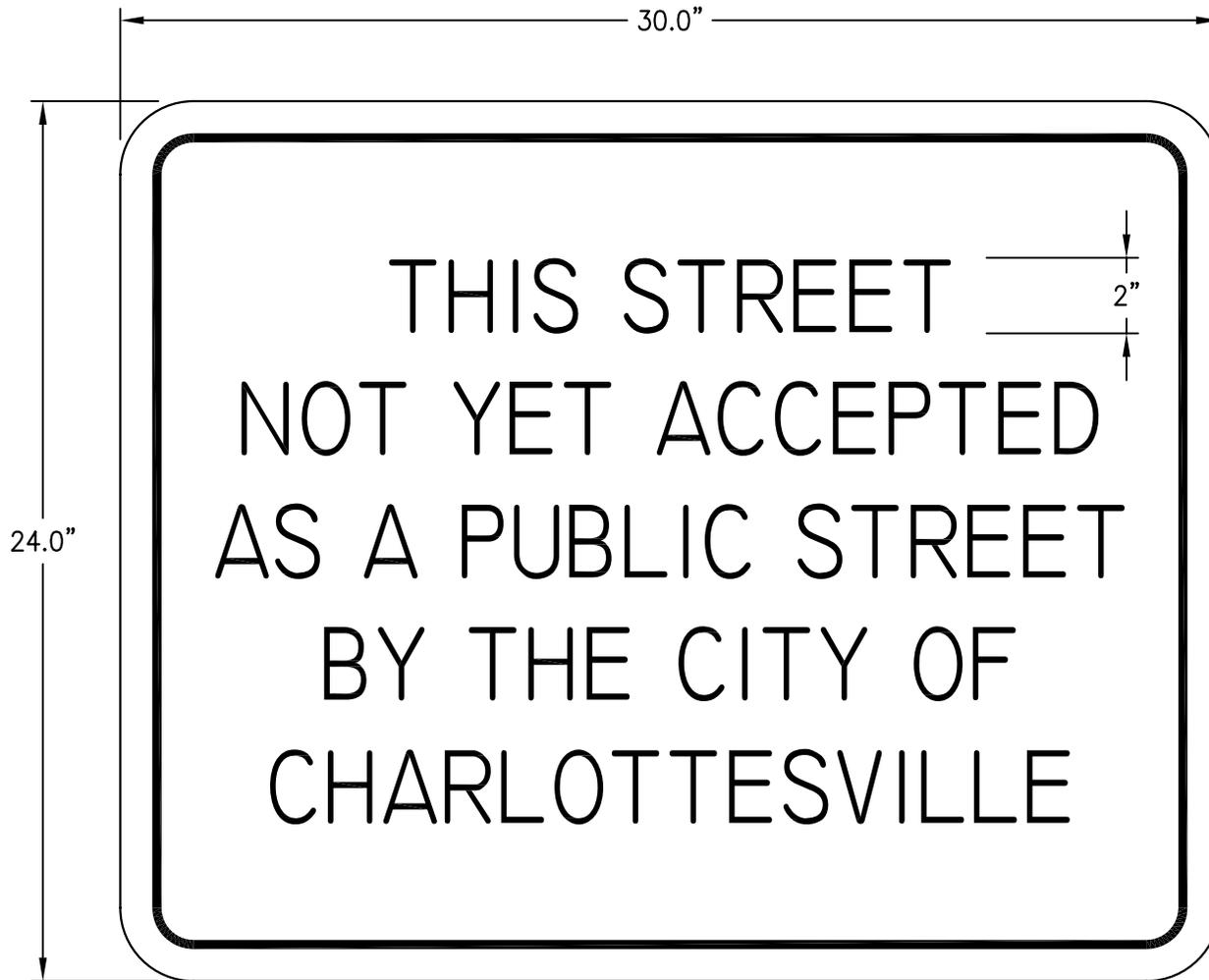
CITY STANDARDS	
BIKE/MULTI-USE TRAIL SIGNS	
(SHEET 1 OF 2)	
SCALE: N.T.S.	STANDARD NUMBER: NS-1



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
BIKE/MULTI-USE TRAIL SIGNS	
(SHEET 2 OF 2)	
SCALE: N.T.S.	STANDARD NUMBER: NS-1



NOTE: THIS DETAIL SHOULD BE USED FOR STREETS ON NEW DEVELOPMENTS WHERE THE STREET IS NOT YET ACCEPTED BUT C.O.'S HAVE BEEN ISSUED.

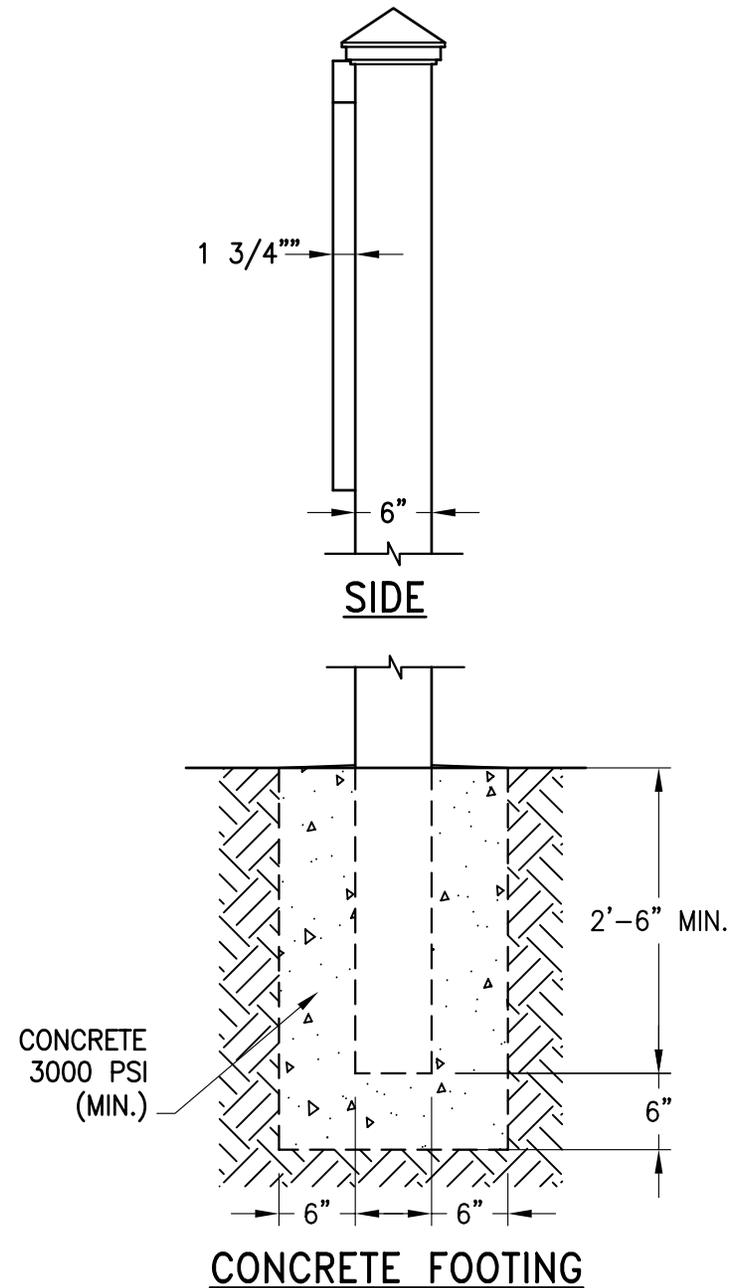
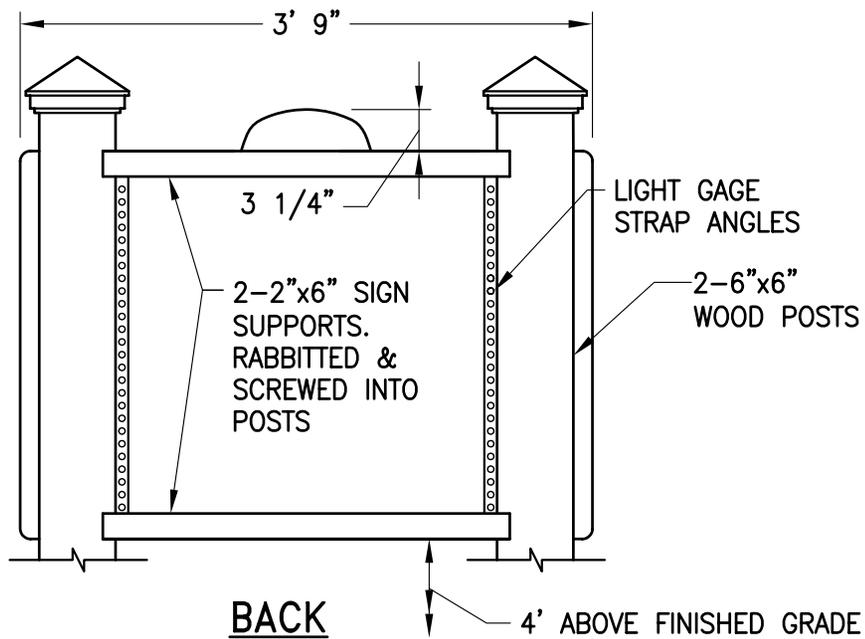
1. BACKGROUND IS MUTCD STANDARD BLUE.
2. LEGEND IS MUTCD STANDARD WHITE.



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
NON-PUBLIC STATUS STREET SIGN	
SCALE: N.T.S.	STANDARD NUMBER: NS-2



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS

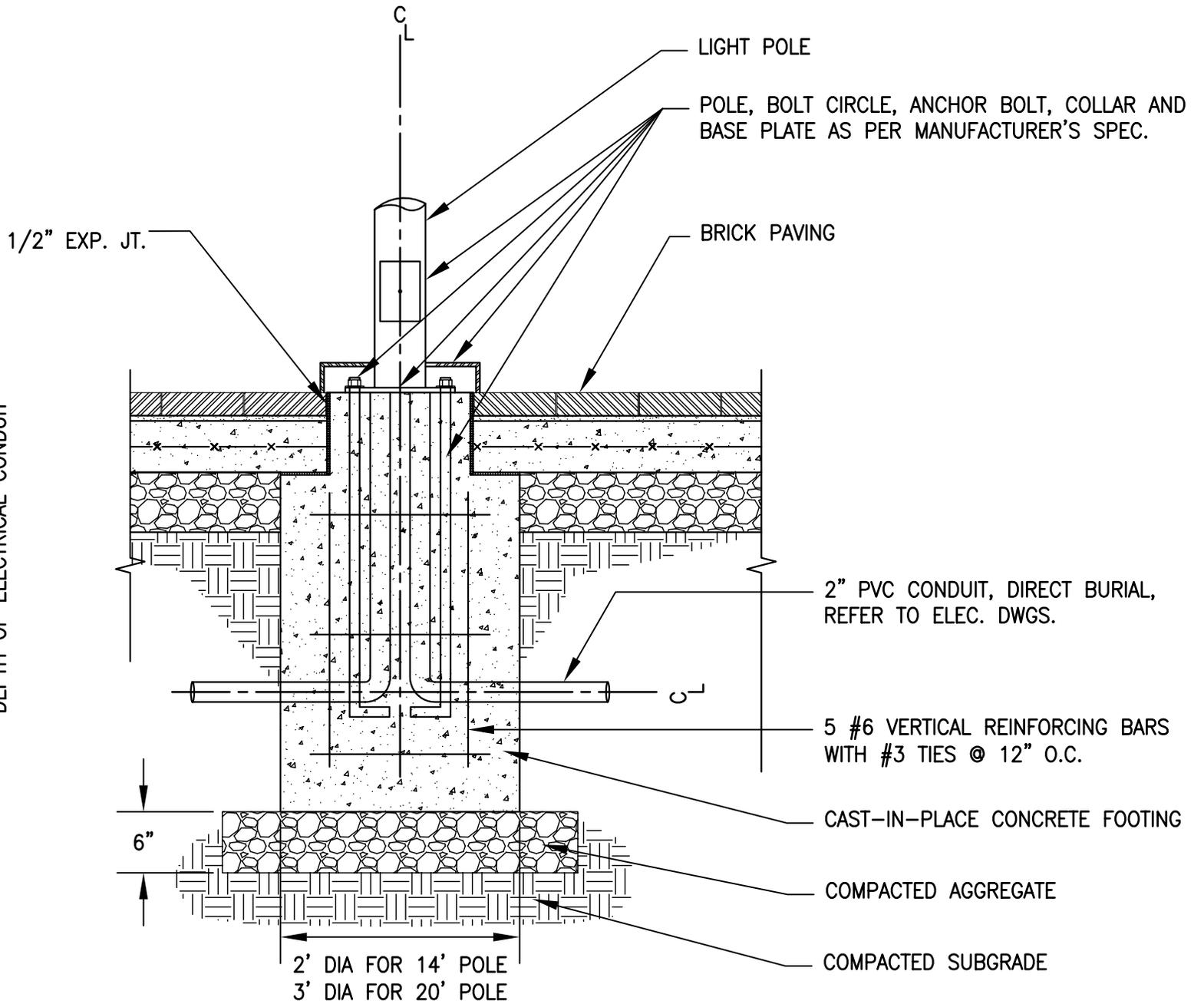
NEIGHBORHOOD SIGNS

SCALE: N.T.S.

STANDARD NUMBER: NS-3

3'-6" FOR 14' HIGH POLE  
5'-6" FOR 20' HIGH POLE

DEPTH OF ELECTRICAL CONDUIT



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
DOWNTOWN MALL	
LIGHT POLE FOUNDATION	
SCALE: N.T.S.	STANDARD NUMBER: PF-1

POLE MOUNTING PLATE  
 PROVIDE NUTS ON TOP & BOTTOM  
 AND GROUT LAYER (1/2" MIN.)  
 BETWEEN PLATE & CONCRETE

2" ALL AROUND

1" CHAMFER

POLE

ANCHOR BOLT, SIZES  
 AS RECOMMENDED  
 BY MANUFACTURER

SIDEWALK

EXOTHERMIC  
 OR MECHANICAL  
 CONNECTION

12"

3/4" DIA. X 10'  
 LONG COPPER CLAD  
 GROUND ROD  
 WITH #8 INSULATED  
 GROUND WIRE

3/4"C

3000 P.S.I.  
 CONCRETE @ 28 DAYS

#4 BARS @ 6" O.C.

#3 TIES @ 12" O.C.

42"

POWER IN

POWER IN

16"

GENERAL NOTE:  
 FOUNDATION DETAIL DIMENSIONS AND  
 REINFORCING MAY FLUCTUATE DUE TO SITE  
 CONDITIONS, FIELD VERIFY AND SITE ADAPT.

### POLE MOUNTING DETAIL

NOT TO SCALE



CITY OF CHARLOTTESVILLE

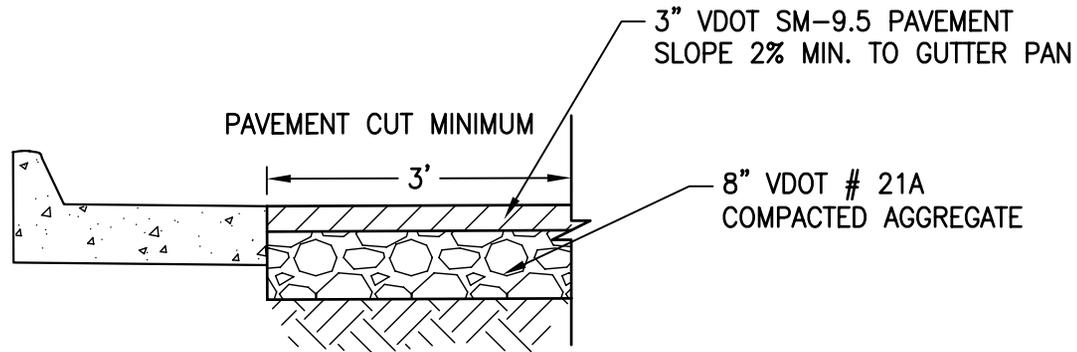
REVISION	DATE

CITY STANDARDS

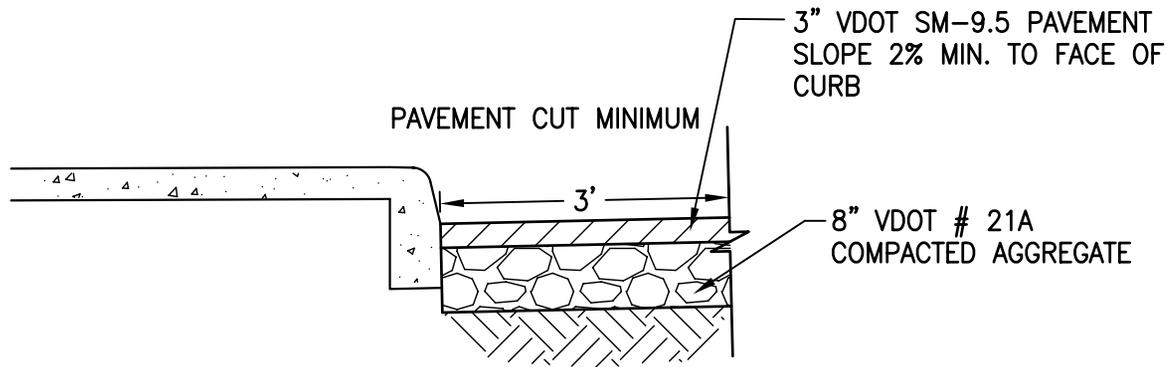
RESIDENTIAL STREET  
 LIGHT POLE FOUNDATION

SCALE: N.T.S.

STANDARD NUMBER: PF-2



COMPACTED SUBGRADE WITH CURB AND GUTTER



COMPACTED SUBGRADE WITH STANDARD SIDEWALK WITH CURB



CITY OF CHARLOTTESVILLE

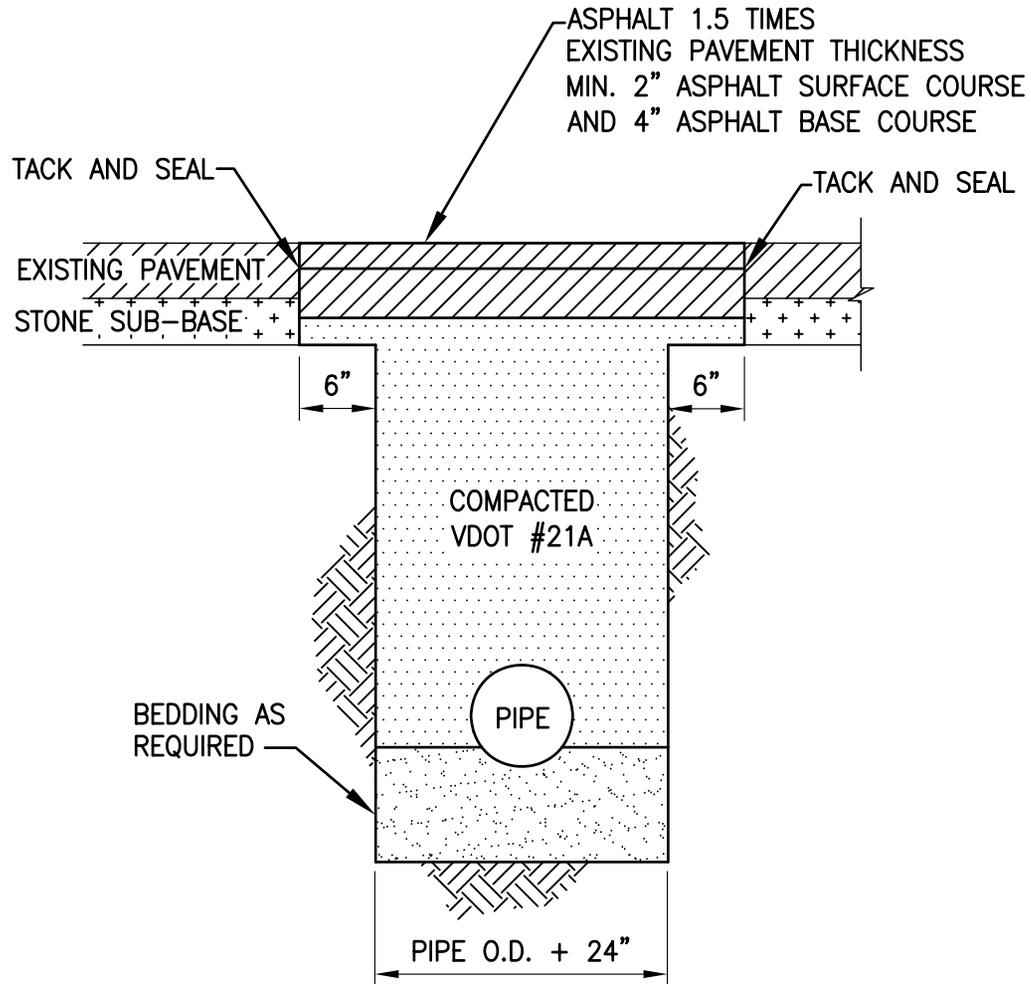
REVISION	DATE

CITY STANDARDS

MINIMUM PAVEMENT PATCH

SCALE: N.T.S.

STANDARD NUMBER: PP-1



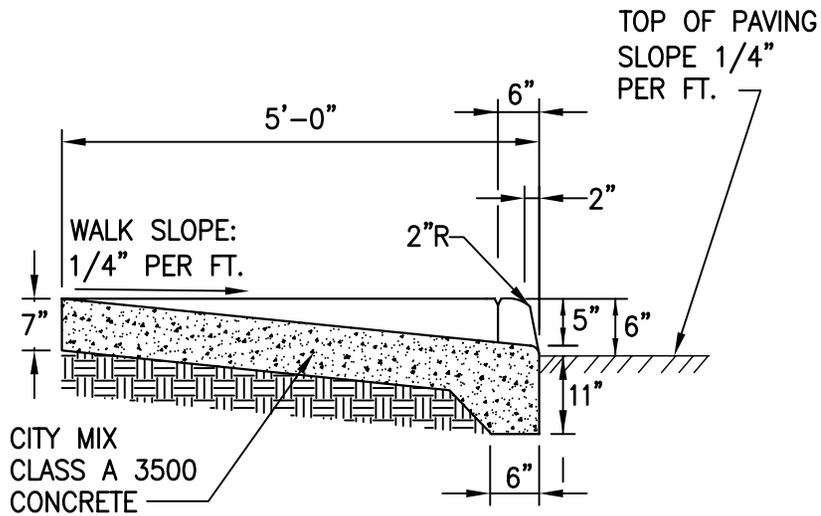
CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS  
PERMANENT PAVEMENT  
REPAIR

SCALE: N.T.S.

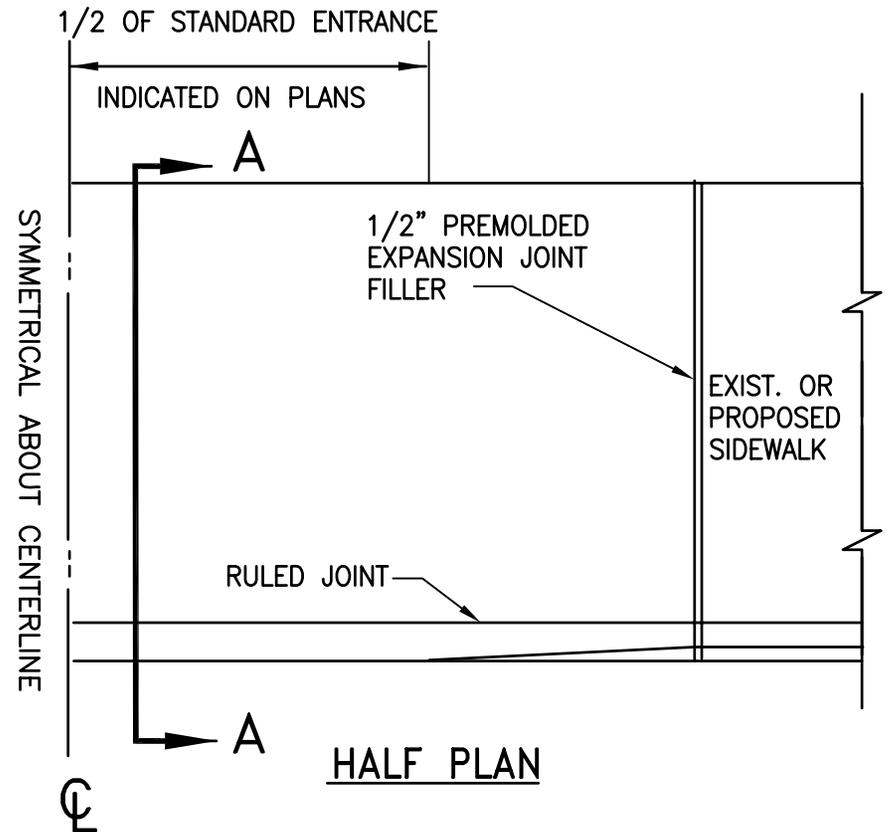
STANDARD NUMBER: PR-1



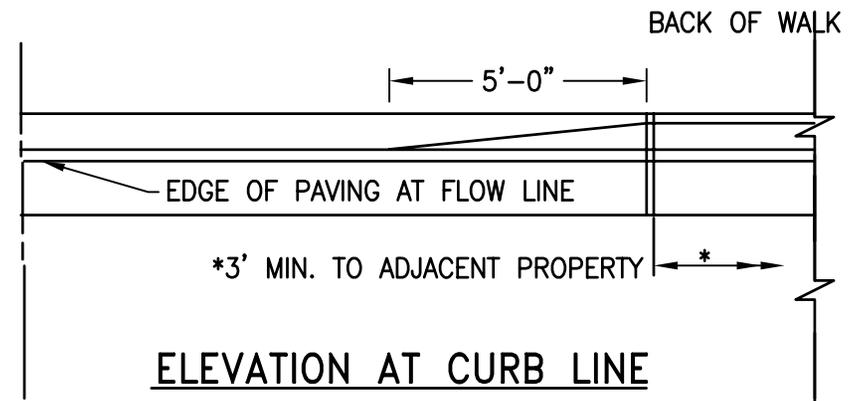
**SECTION A-A**

**NOTES:**

1. STANDARD RESIDENTIAL ENTRANCES SHALL BE:  
 SINGLE ENTRANCE: 10'  
 DOUBLE ENTRANCE: 20'  
 NOT INCLUDING 5' VERTICAL TRANSITIONS.
2. MINIMUM 20' SEPARATION BETWEEN DRIVEWAYS  
 (CITY CODE SECTION 34-976)



**HALF PLAN**



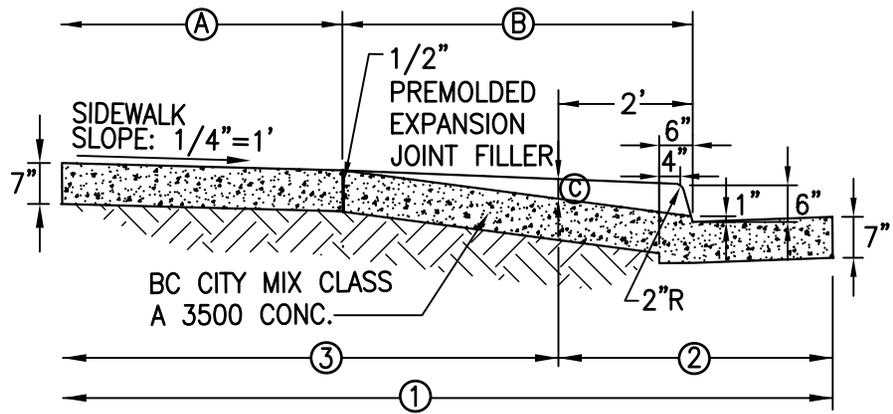
**ELEVATION AT CURB LINE**



**CITY OF CHARLOTTESVILLE**

REVISION	DATE

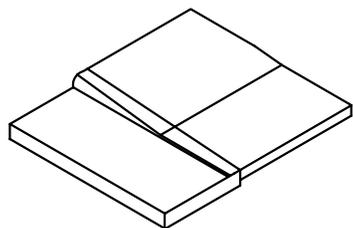
CITY STANDARDS	
<b>STANDARD ENTRANCE WITH 5' MONOLITHIC SIDEWALK AND CURB</b>	
SCALE: N.T.S.	STANDARD NUMBER: RE-1



- ① FOR SIDEWALK, CURB & GUTTER—BUILT CONCURRENTLY
- ② FOR INITIAL CURB & GUTTER ONLY (SEE RE-2, SHEET 2 OF 2)
- ③ FOR SIDEWALK ONLY— AFTER INITIAL CURB & GUTTER

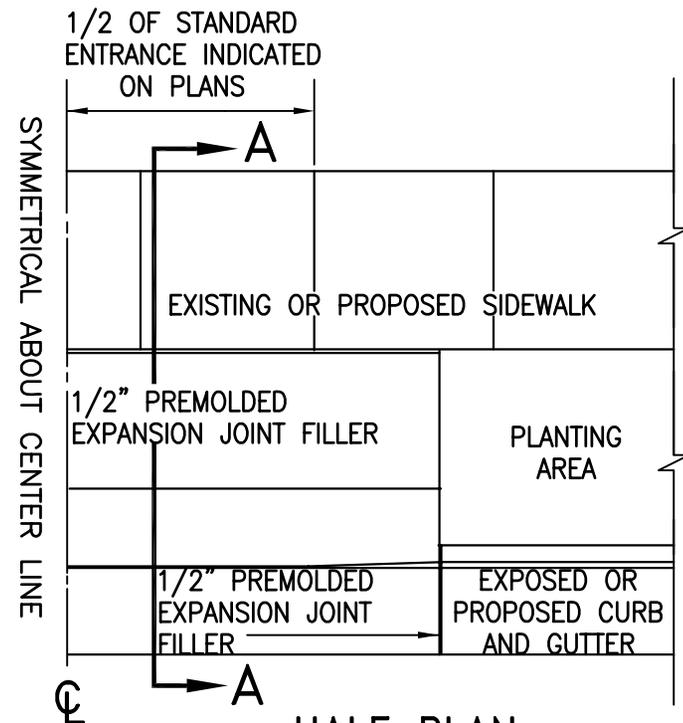
	Ⓐ	Ⓑ	Ⓒ
LOCAL STREETS	5'-0"	5'-0"	2"
ALL OTHER STREETS	5'-0"	6'-0"	2 3/8"

**SECTION A-A**

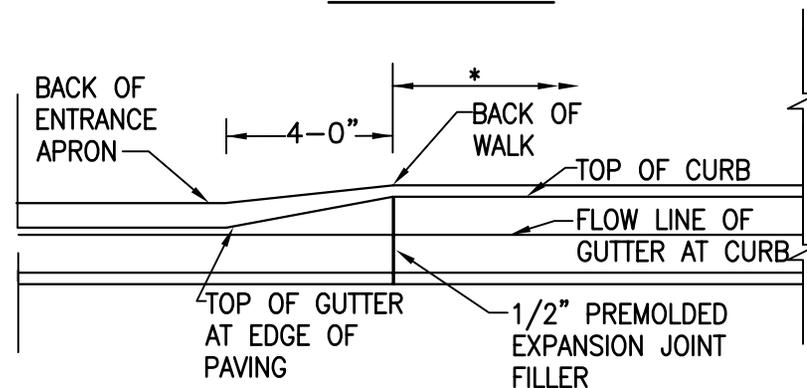


**ISOMETRIC VIEW**

**NOTES:** STANDARD RESIDENTIAL ENTRANCES SHALL BE:  
 SINGLE ENTRANCE: 10' WITH CURB  
                           12' WITH SHOULDER & DITCH  
 DOUBLE ENTRANCE: 20'



**HALF PLAN**



**ELEVATION AT CURB LINE**

\* 3' MIN. TO ADJACENT PROPERTY



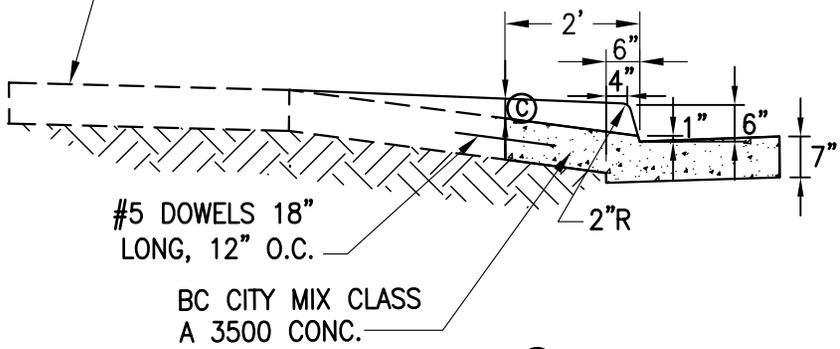
**CITY OF CHARLOTTESVILLE**

REVISION	DATE

**CITY STANDARDS**  
**STANDARD ENTRANCE ACROSS**  
**SIDEWALK CURB & GUTTER**  
 (SHEET 1 OF 2)

SCALE: N.T.S.      STANDARD NUMBER: RE-2

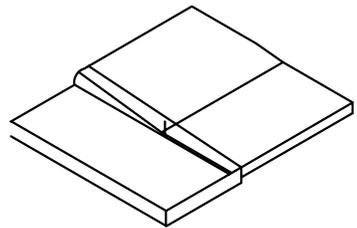
ADDITIONAL ENTRANCE AND SIDEWALK TO BE FUTURE CONSTRUCTION. SEE RE-2, SHEET 1 OF 2.



#5 DOWELS 18" LONG, 12" O.C.  
BC CITY MIX CLASS A 3500 CONC.

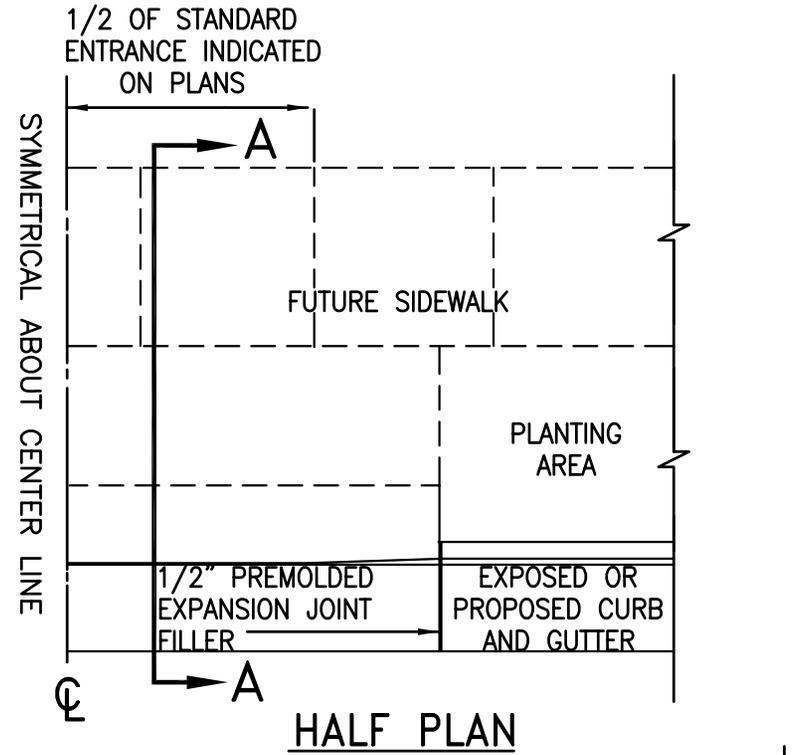
LOCAL STREETS	2"
ALL OTHER STREETS	2 3/8"

**SECTION A-A**

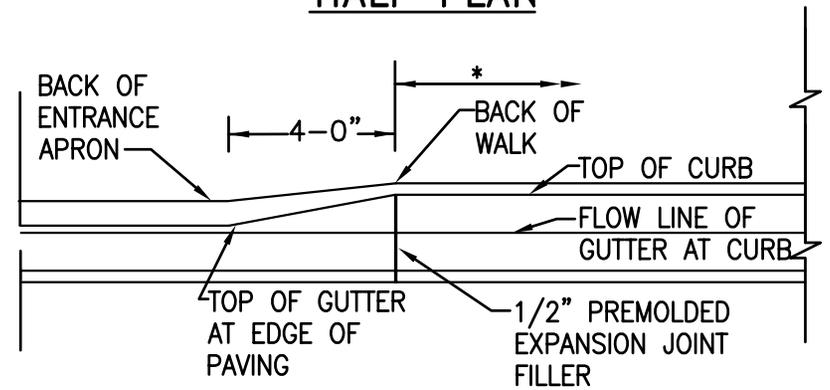


ISOMETRIC VIEW

NOTE: STANDARD RESIDENTIAL ENTRANCES SHALL BE:  
SINGLE ENTRANCE: 10' WITH CURB  
                          12' WITH SHOULDER & DITCH  
DOUBLE ENTRANCE: 20'



HALF PLAN



ELEVATION AT CURB LINE

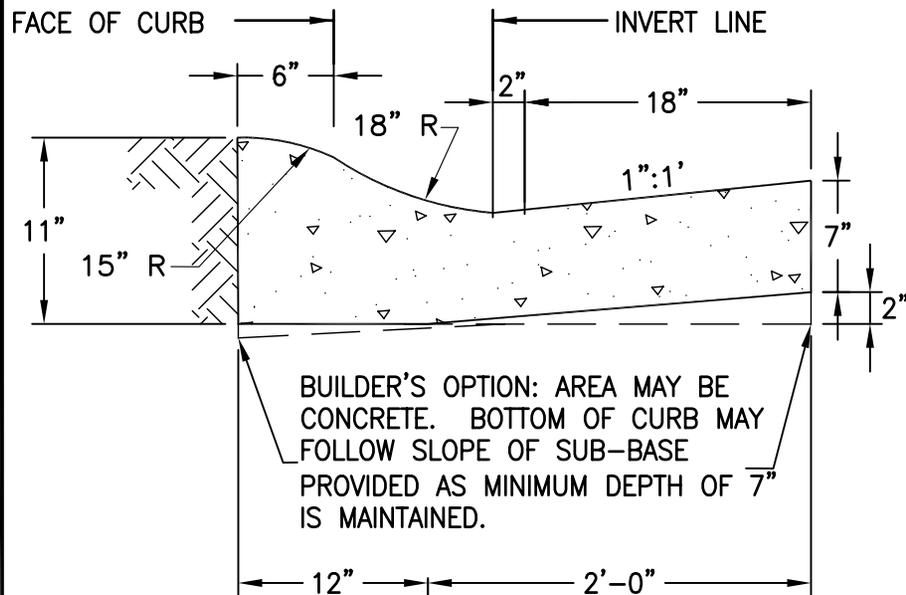
\* 3' MIN. TO ADJACENT PROPERTY



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS  
**STANDARD ENTRANCE ACROSS CURB & GUTTER ONLY**  
(SHEET 2 OF 2)  
SCALE: N.T.S.      STANDARD NUMBER: RE-2



NOTES:

1. CONCRETE TO BE BC CITY MIX CLASS A 3500.
2. WHEN USED WITH STABILIZED, OPEN-GRADED DRAINAGE LAYERS, THE BOTTOM OF THE CURB AND GUTTER SHALL BE CONSTRUCTED PARALLEL TO THE SLOPE OF THE SUB-BASE COURSES AND TO THE DEPTH OF THE PAVEMENT BUT NOT LESS THAN THE THICKNESS SHOWN.
3. ROLL-TOP CURB & GUTTER MAY BE USED ALONG SUBDIVISION STREETS HAVING A DESIGN SPEED NOT GREATER THAN 30 MPH.

ROLL TOP CURB & GUTTER

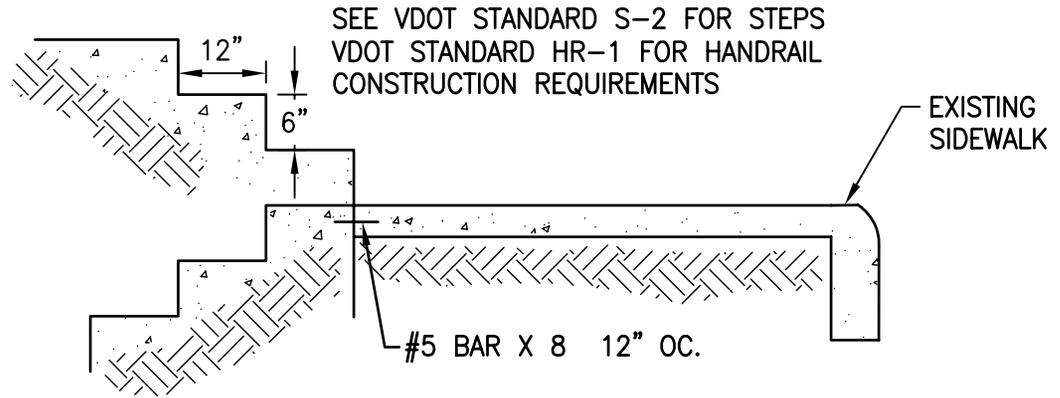
NOT TO SCALE



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
ROLL-TOP CURB & GUTTER OPTION	
SCALE: N.T.S.	STANDARD NUMBER: RT-1



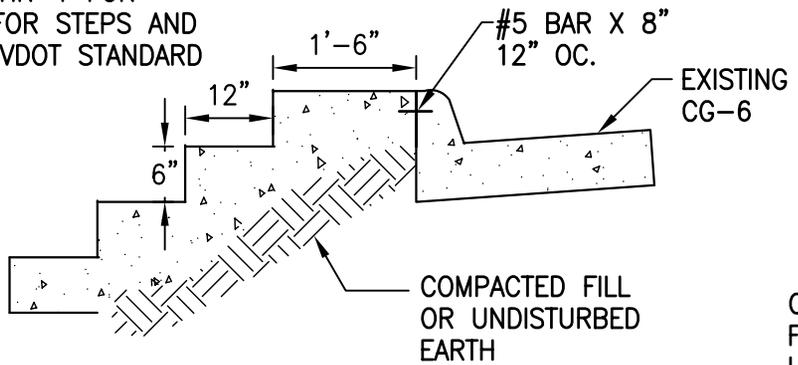
SEE VDOT STANDARD S-2 FOR STEPS  
VDOT STANDARD HR-1 FOR HANDRAIL  
CONSTRUCTION REQUIREMENTS

EXISTING SIDEWALK

#5 BAR X 8 12" OC.

**STEPS DETAIL  
(UP AND DOWN)**

CONST. REQUIREMENTS  
STANDARD HR-1 FOR  
HANDRAIL FOR STEPS AND  
VDOT SEE VDOT STANDARD  
S-2



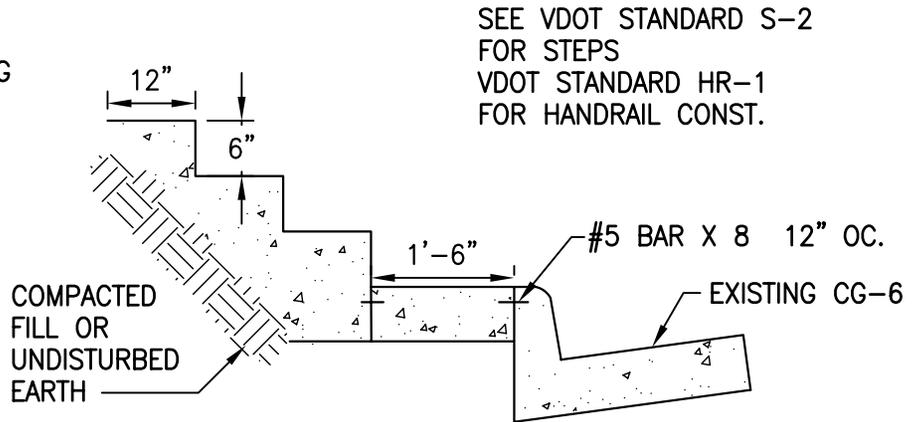
SEE VDOT STANDARD S-2  
FOR STEPS  
VDOT STANDARD HR-1  
FOR HANDRAIL CONST.

EXISTING CG-6

#5 BAR X 8 12" OC.

COMPACTED FILL  
OR UNDISTURBED  
EARTH

**PEDESTRIAN LANDING AND  
STEPS DETAIL  
(DOWN)**



COMPACTED FILL OR  
UNDISTURBED  
EARTH

EXISTING CG-6

#5 BAR X 8 12" OC.

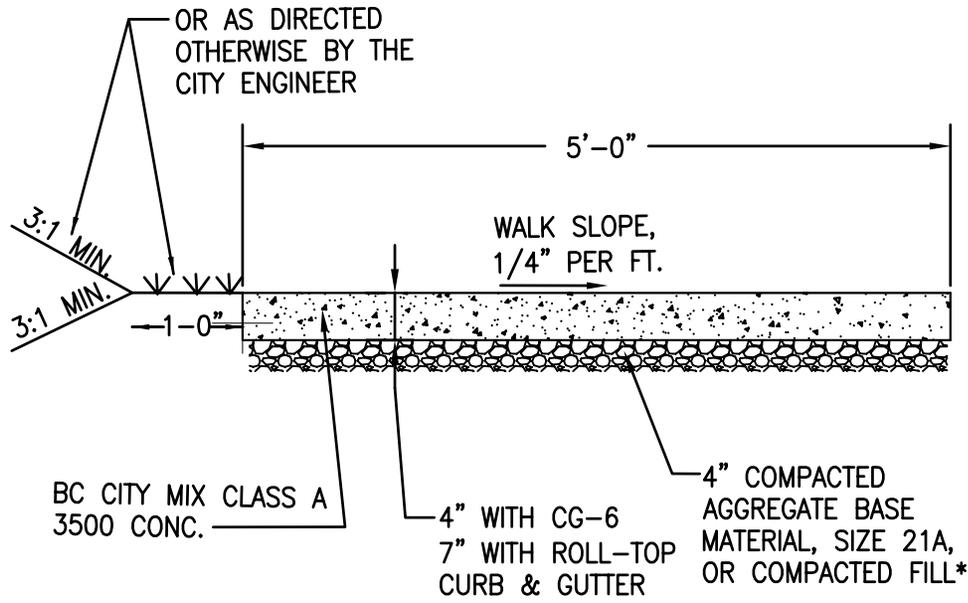
**PEDESTRIAN LANDING AND  
STEPS DETAIL  
(UP)**



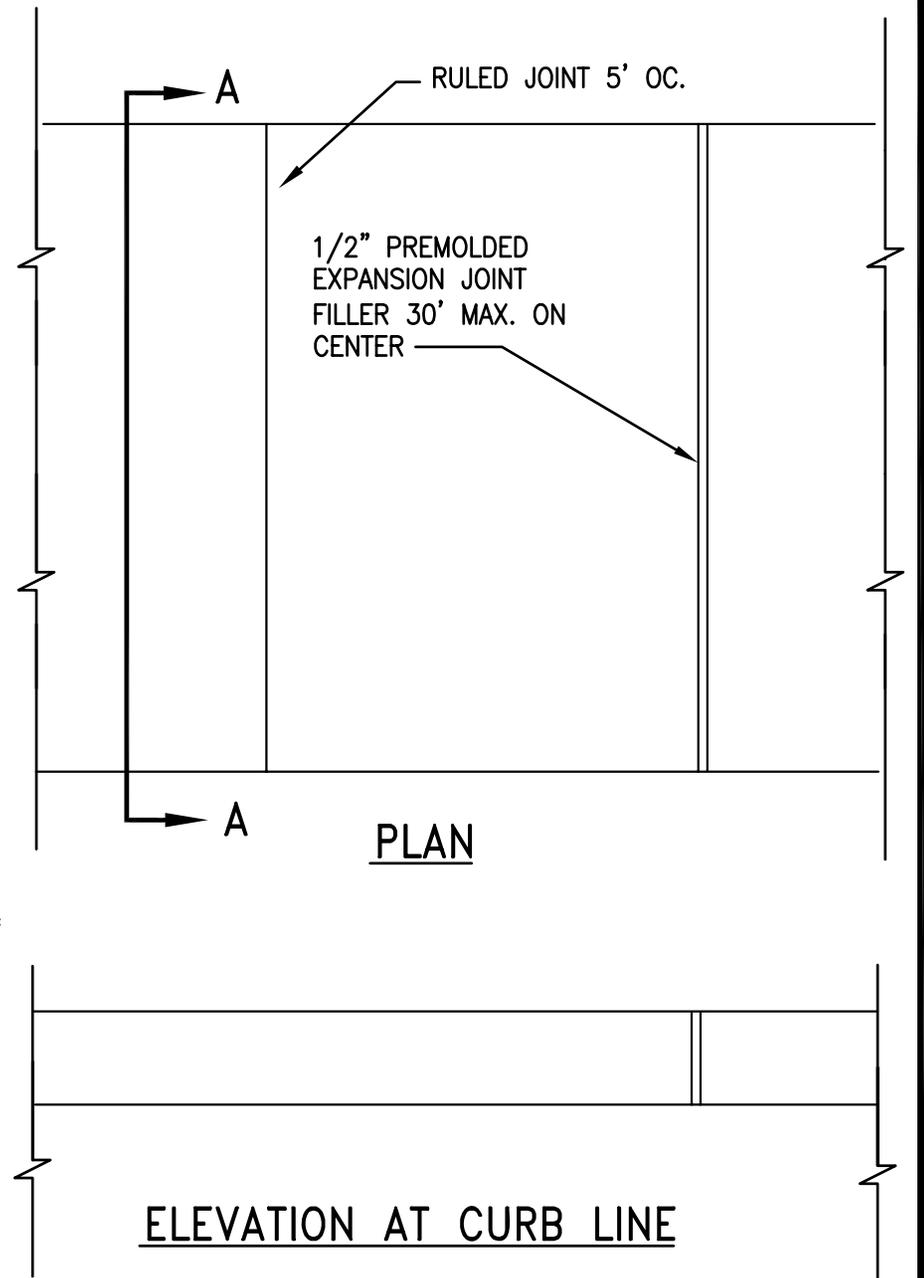
CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
STEP CONNECTIONS	
SCALE: N.T.S.	STANDARD NUMBER: SC-1



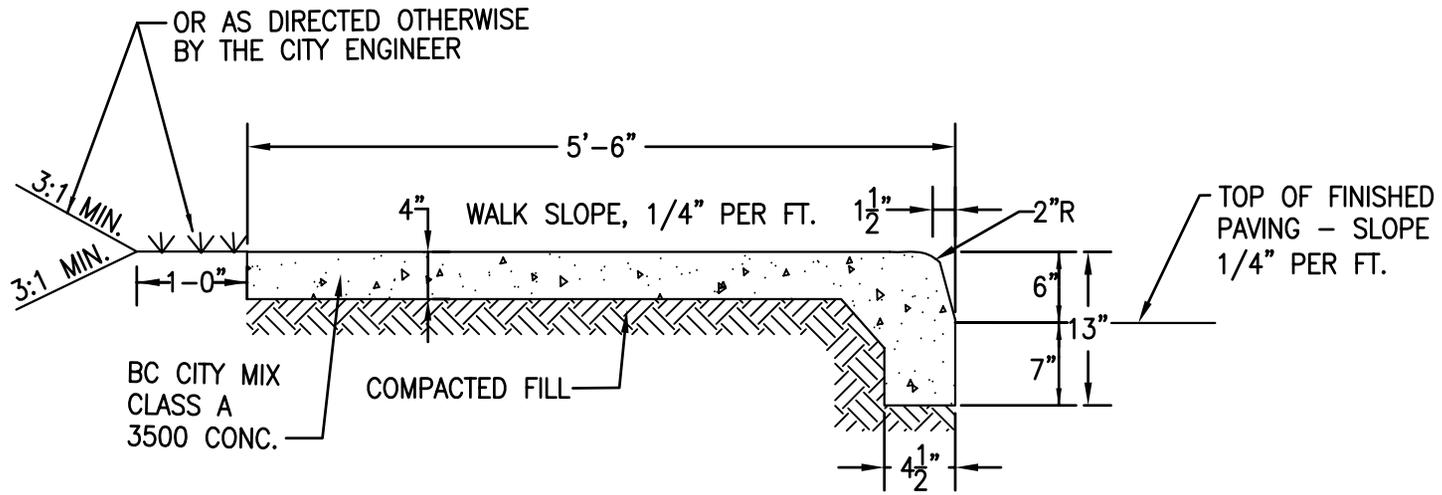
\*COMPACT FILL = WELL COMPACTED EARTH OR STONE AGGREGATE TO BE DETERMINED BY CITY INSPECTOR.



CITY OF CHARLOTTESVILLE

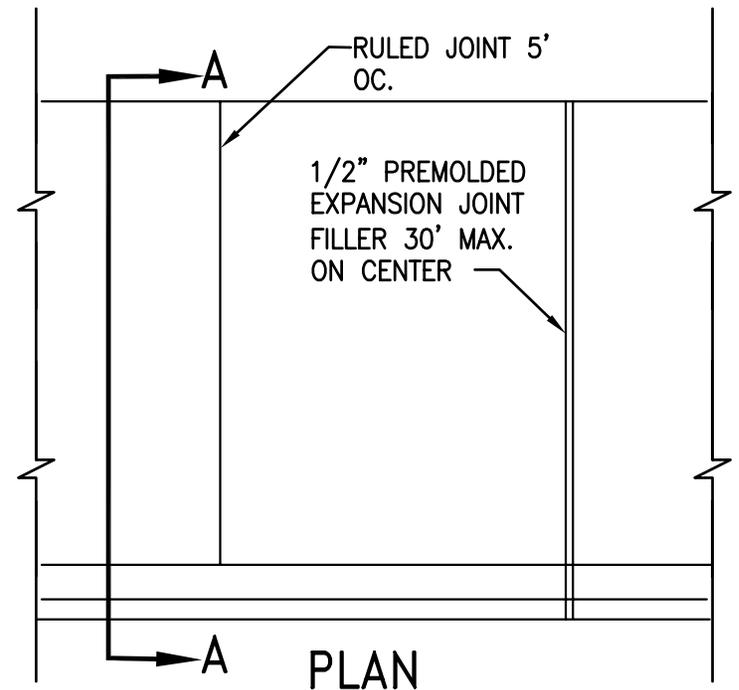
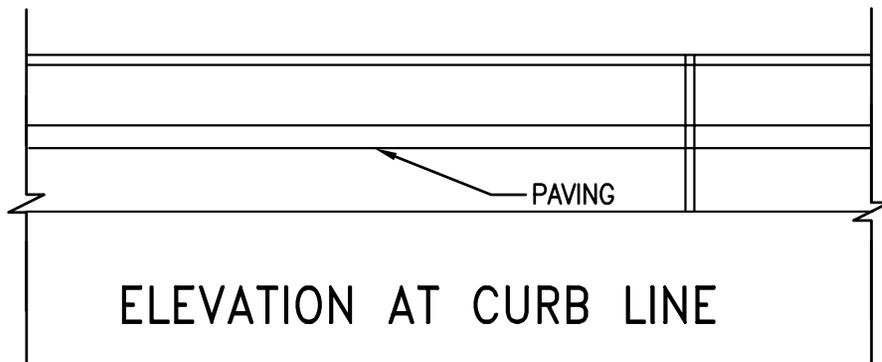
REVISION	DATE

CITY STANDARDS	
STANDARD SIDEWALK WITHOUT CURB	
SCALE: N.T.S.	STANDARD NUMBER: SW-1



**SECTION A-A**

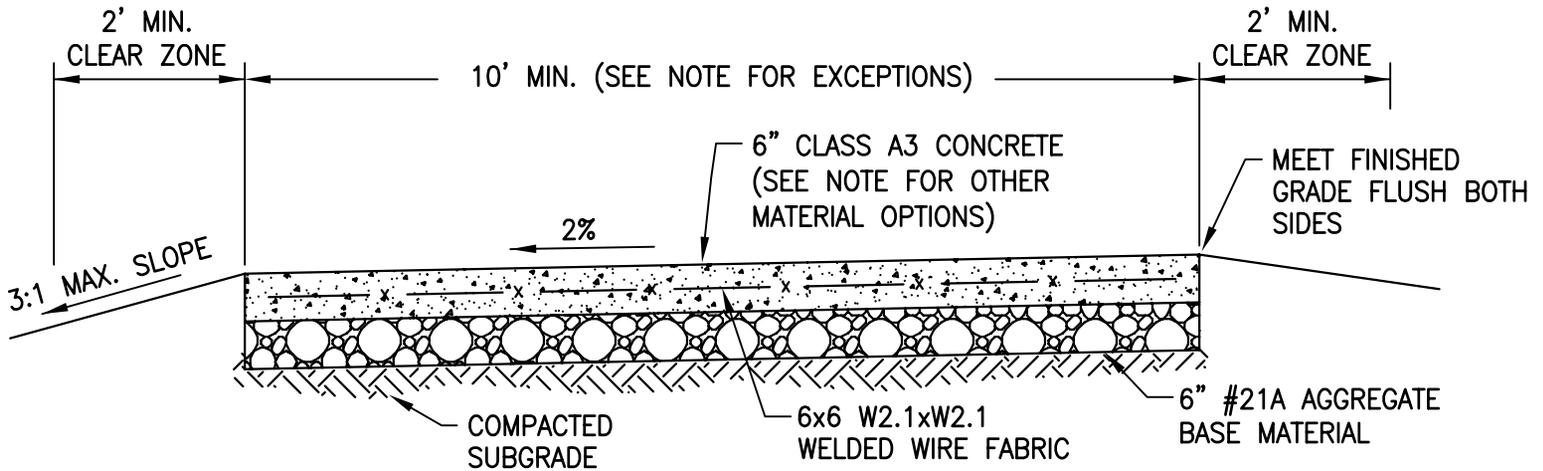
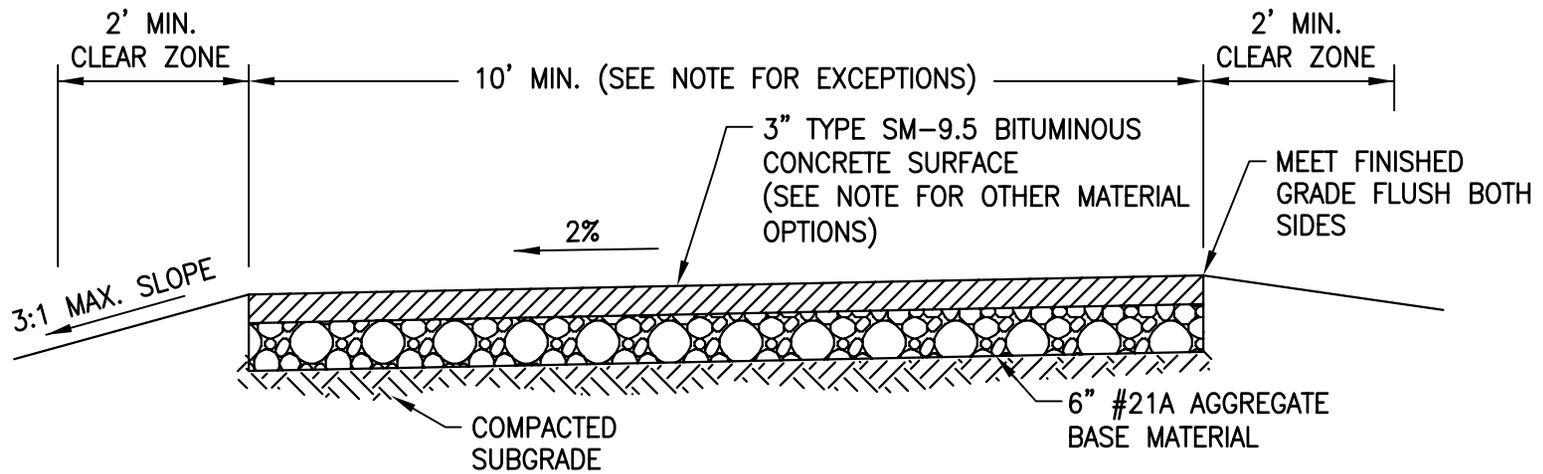
\*COMPACTED FILL = WELL COMPACTED EARTH OR STONE AGGREGATE, TO BE DETERMINED IN THE FIELD BY CITY INSPECTOR



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
STANDARD SIDEWALK MONOLITHIC WITH CURB	
SCALE: N.T.S.	STANDARD NUMBER: SW-2



### BIKE/MULTI-USE TRAIL

**NOTES:**

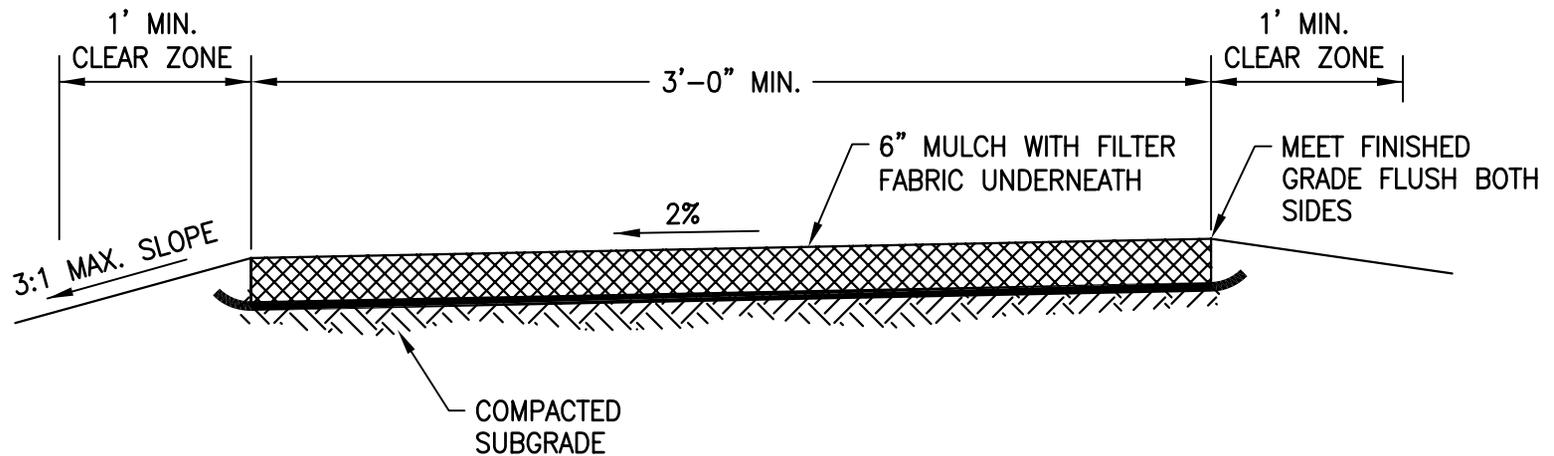
- ALL BIKE/MULTI-USE TRAILS SHALL REQUIRE 2' MINIMUM CLEAR ZONE ON EACH SIDE AND 8' CLEAR HEIGHT OVERHEAD. 8' MINIMUM WIDTH ALLOWED IN SPECIAL CASES PER APPROVAL OF CITY ENGINEER OR DESIGNEE.
- ALTERNATE NON-ERODIBLE SURFACES MAY BE ALLOWED FOR PATHS THAT WILL NOT HAVE VEHICULAR CROSSING PER APPROVAL OF CITY ENGINEER OR DESIGNEE.
- CRUSH-AND-RUN/STONE DUST MAY BE SUBSTITUTED AS AN ACCEPTABLE SURFACE TYPE PER APPROVAL OF CITY ENGINEER OR DESIGNEE.
- REFER TO CHAPTER 4 OF THE BICYCLE & PEDESTRIAN FACILITIES MASTER PLAN FOR MAINTENANCE REQUIREMENTS.



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
BIKE/MULTI-USE TRAIL PAVEMENT SECTION	
SCALE: N.T.S.	STANDARD NUMBER: TR-1



## NATURE TRAIL

**NOTES:**

ALL NATURE TRAILS SHALL REQUIRE 1' MINIMUM CLEAR ZONE ON EACH SIDE AND 8' CLEAR HEIGHT OVERHEAD.  
 OVERALL EASEMENT WIDTH SHALL BE BETWEEN 5 FEET AND 30 FEET, DEPENDING ON WIDTH OF TRAIL AND ANY ADDITIONAL MAINTENANCE NEEDS.  
 REFER TO CHAPTER 4 OF THE BICYCLE & PEDESTRIAN FACILITIES MASTER PLAN FOR MAINTENANCE REQUIREMENTS.



CITY OF CHARLOTTESVILLE

REVISION	DATE

CITY STANDARDS	
NATURE TRAIL	
SECTION	
SCALE: N.T.S.	STANDARD NUMBER: TR-2