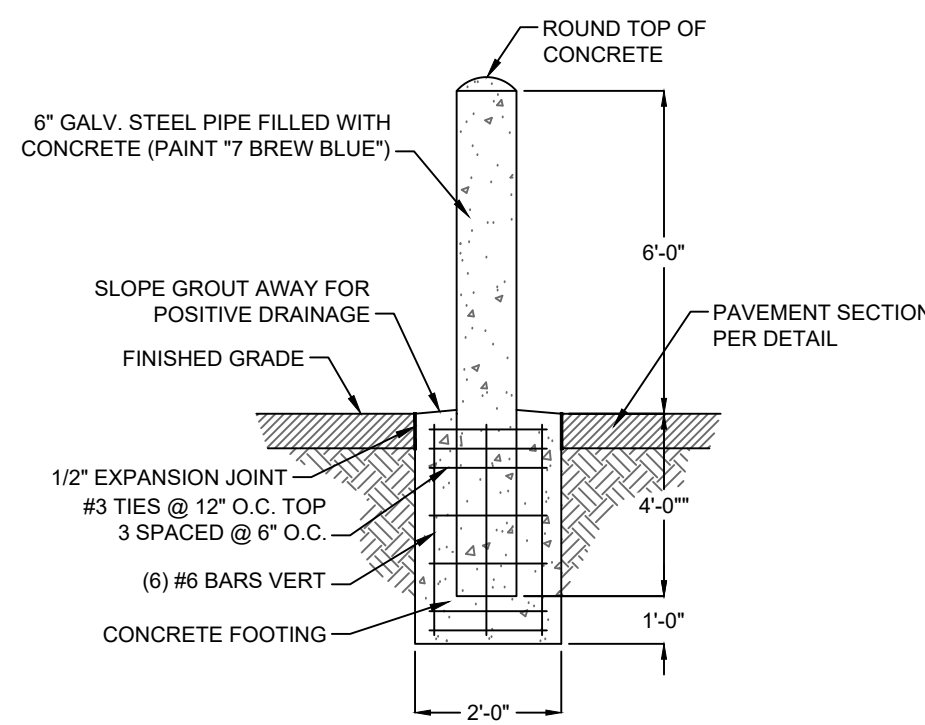


AGGREGATE BASE COURSE PER DOT SPECIFICATIONS  
ASPHALT SURFACE COURSE PER DOT SPECIFICATIONS  
SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 698

NOTES:  
1. THE ASPHALT SURFACE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY

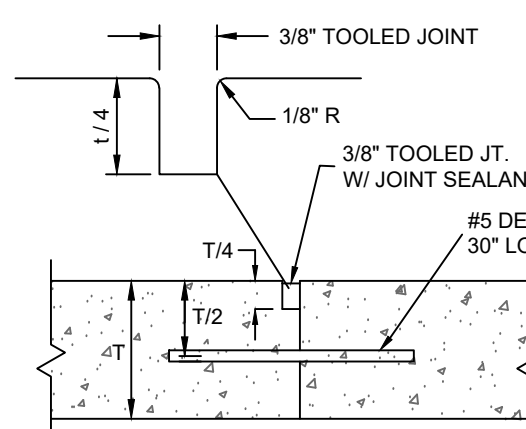
### ASPHALT PAVEMENT

SCALE: NONE



### PIPE BOLLARD

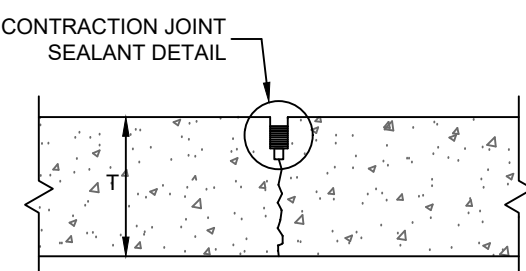
SCALE: NONE



### DOWELED CONSTRUCTION JOINT

#### CONCRETE JOINT NOTES:

- CONSTRUCTION JOINTS SHALL BE PLACED AS REQUIRED BY THE CONTRACTOR.
- EXPANSION JOINTS SHALL BE PLACED WHERE CONCRETE ABUTS STRUCTURES OR EXISTING PAVEMENT AND AT 45 FEET ON CENTER, EACH DIRECTION (OR AS SHOWN ON PLAN).
- CONTRACTION JOINTS SHALL BE PLACED AT 15 FEET MINIMUM SPACING IN EACH DIRECTIONS.



### SAWED CONSTRUCTION JOINT

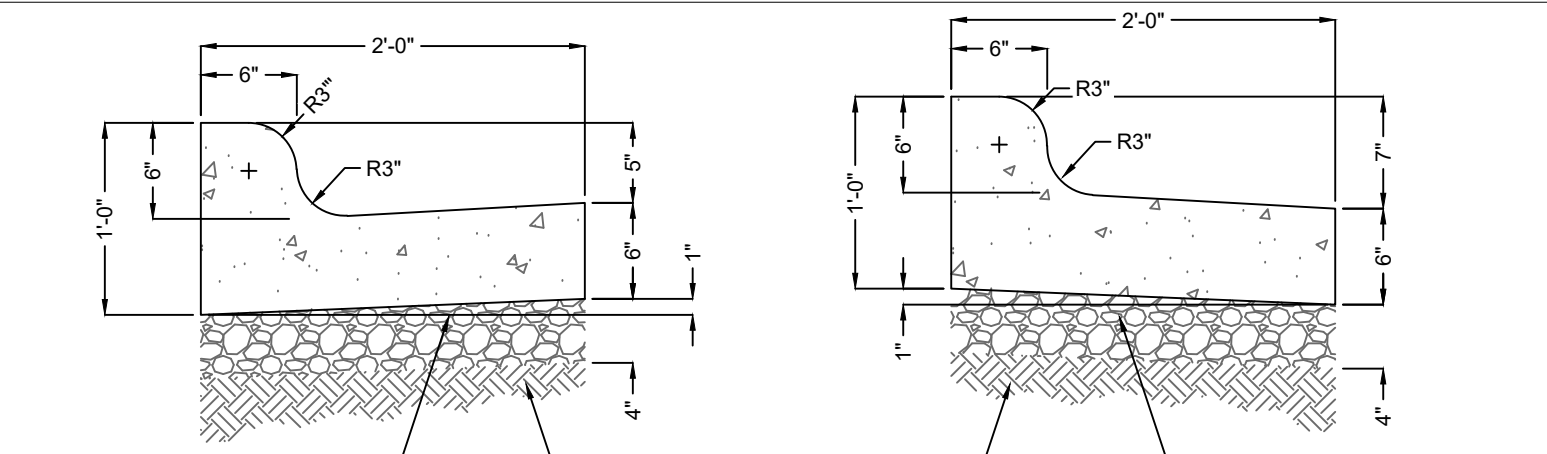
### CONCRETE PAVEMENT JOINT DETAILS

SCALE: NONE

- NOTES:
- PROVIDE CONTROL JOINTS @ 5' O.C. MAX. OR WIDTH OF SIDEWALK. SEE JOINT DETAIL.
  - PROVIDE EXPANSION JOINTS @ 20' O.C. MAX. & AS INDICATED ON SITE PLAN.
  - WHERE WALK ABUTS ANOTHER WALK, CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES, PROVIDE 1/2" EXP. JOINT W/ FIBER BOARD AND SELF-LEVELING SEALANT.
  - KEY ALL CONSTRUCTION JOINTS.
  - PROVIDE NON-SLIP LIGHT BROOM FINISH.
  - MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%. MAXIMUM SLOPE OF SIDEWALK IN DIRECTION OF TRAVEL SHALL BE 5%.

### SIDEWALK DETAIL

SCALE: NONE



AGGREGATE BASE COMPACTED TO 100% SPD AS DETERMINED BY ASTM D 698  
SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 698

#### NOTES:

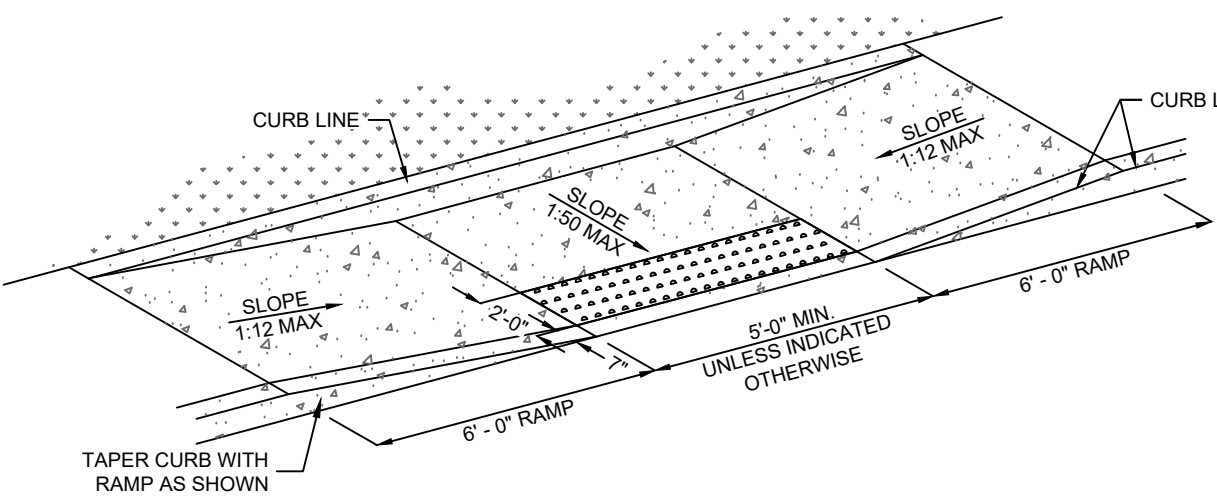
- EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, CUT TO THE CONFIGURATION OF THE FULL SIZE OF THE CURB AND GUTTER SECTION AND BEING SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS. THE EDGES OF THESE JOINTS SHALL BE ROUNDED WITH AN EDGING TOOL, ONE-EIGHTH (1/8) INCH RADIUS.
- EXPANSION JOINTS SHALL BE PLACED WHERE CURB AND GUTTER ABUTS OTHER STRUCTURES AND AT ALL TANGENT POINTS TO CURBS. EXPANSION JOINTS SHALL NOT BE SPACED MORE THAN 50 FEET APART ON STRAIGHT RUNS FOR HAND LAID CURBS AND NOT MORE THAN 100 FEET APART FOR MACHINE LAID CURB AND GUTTER PROVIDED THAT ONE-HALF (1/2) INCH THICK JOINT FILLER IS USED. ALL JOINTS SHALL BE FORMED AT RIGHT ANGLES TO THE ALIGNMENT OF THE CURB AND GUTTER.
- CONTRACTION JOINTS SHALL BE CONSTRUCTED BY INSERTING A REMOVABLE METAL TEMPLATE IN THE FRESH CONCRETE. THEY SHALL NOT BE SAW CUT. CONTRACTION JOINTS SHALL BE TO A DEPTH OF NOT LESS THAN ONE AND ONE-FOURTH (1-1/4) INCHES BELOW THE SURFACE AND TO A WIDTH NOT TO EXCEED THREE-EIGHTHS (3/8) INCH. CONTRACTION JOINTS SHALL BE LOCATED APPROXIMATELY 10 FEET APART.

### CONCRETE CURB & GUTTER DETAIL

SCALE: NONE

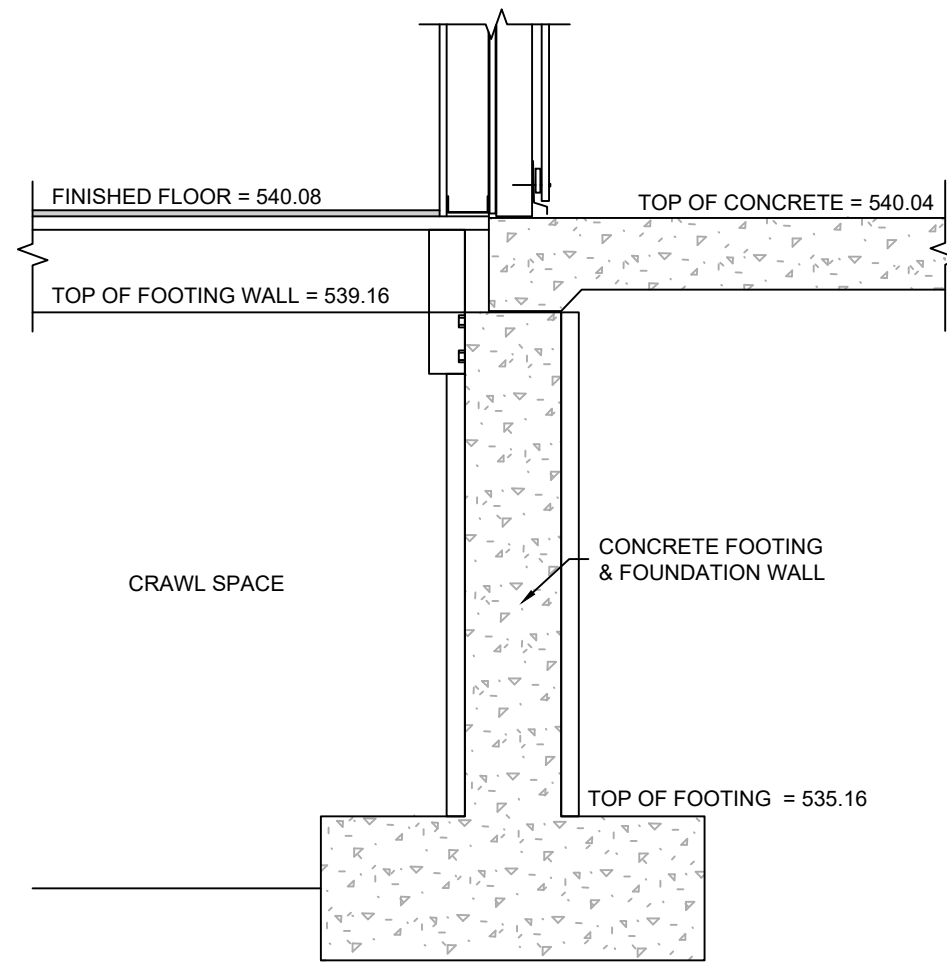
#### NOTES:

- DETECTABLE WARNING ON RAMP SURFACE SHALL CONSIST OF TRUNCATED DOMES (FOR THE ENTIRE WIDTH OF THE RAMP) AND SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES. PROVIDE ARMOR-TILE ADA TACTILE EPOXY POLYMER CAST IN PLACE WARNING TILES WITH TRUNCATED DOMES OR APPROVED EQUAL.
- TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH AND A CENTER-TO-CENTER SPACING OF 1.7 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.



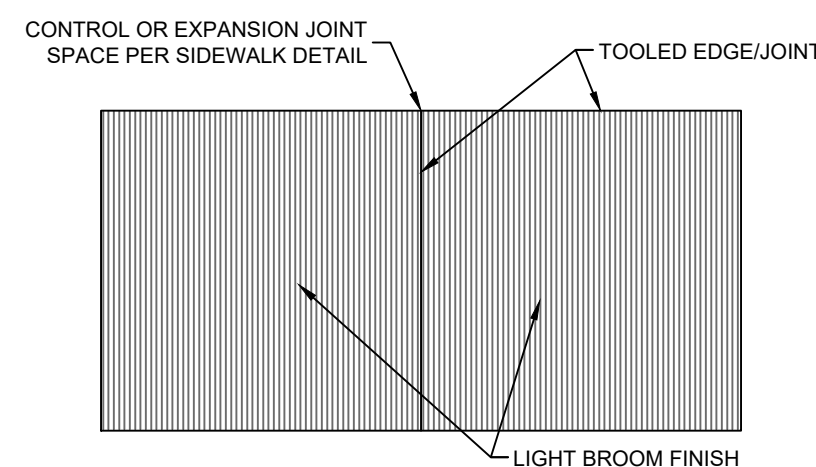
### TYPE 2 CURB RAMP DETAIL

SCALE: NONE



### WALL ELEVATION SECTION DETAIL

SCALE: NONE

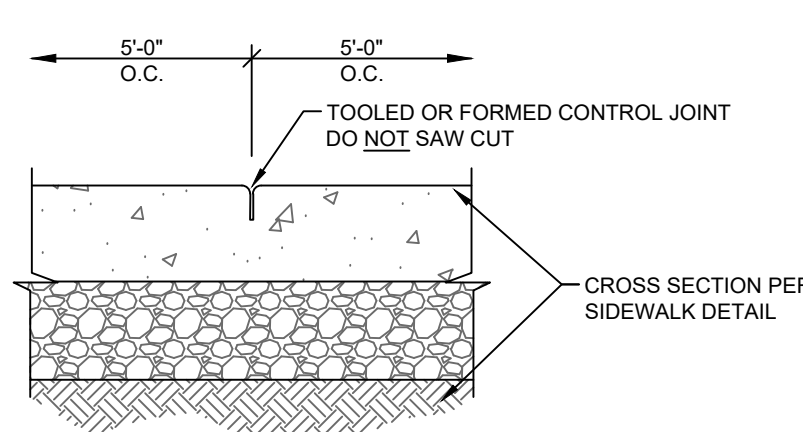


#### NOTES:

- CONTRACTOR SHALL TOOL EDGES AND JOINTS AS SHOWN THEN LIGHTLY BROOM FINISH ENTIRE SIDEWALK SURFACE.

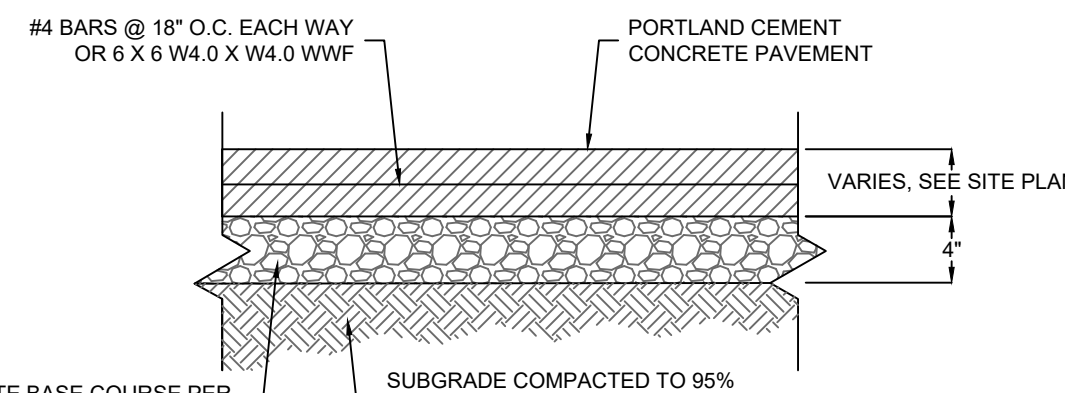
### SIDEWALK FINISH PLAN

SCALE: NONE



### SIDEWALK CONTROL JOINT

SCALE: NONE



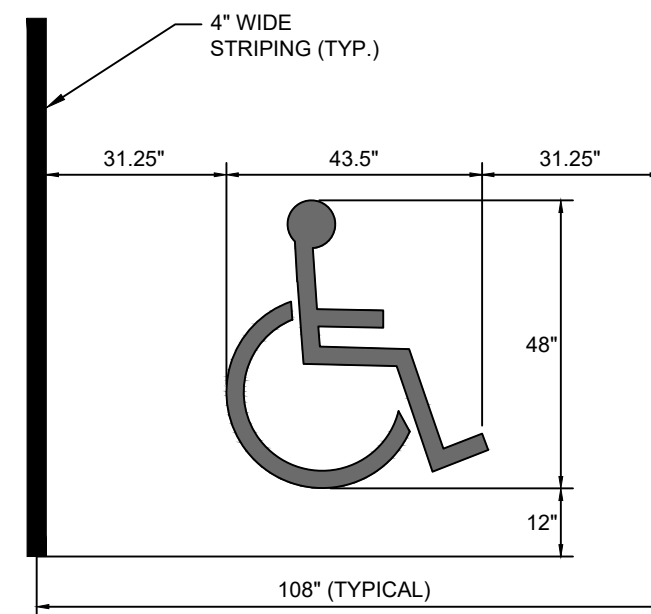
AGGREGATE BASE COURSE PER DOT SPECIFICATIONS  
SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 698

#### NOTES:

- SEE CONCRETE PAVEMENT JOINT DETAILS AND NOTES.
- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND BE PLACED WITH A MAXIMUM SLUMP OF 4 INCHES PER GEOTECHNICAL ENGINEERING REPORT IF AVAILABLE.
- ALL MATERIALS SHALL MEET THE CURRENT DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

### CONCRETE PAVEMENT

SCALE: NONE

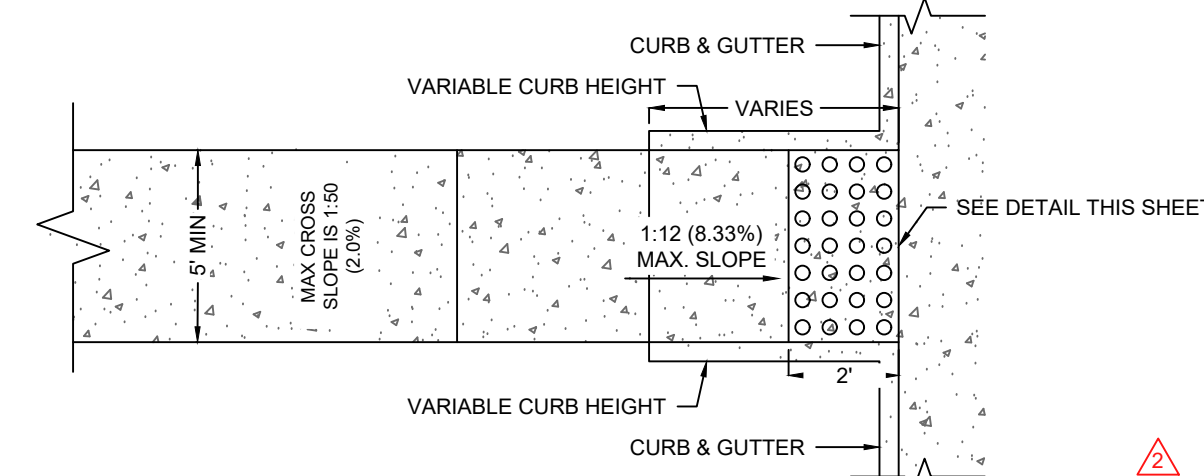


### ADA ACCESSIBLE PARKING SYMBOL

SCALE: NONE

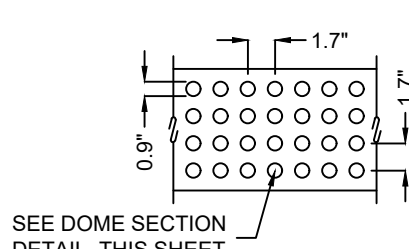
#### NOTES:

- DETECTABLE WARNING ON RAMP SURFACE SHALL CONSIST OF TRUNCATED DOMES (FOR THE ENTIRE WIDTH OF THE RAMP) AND SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES. PROVIDE ARMOR-TILE ADA TACTILE EPOXY POLYMER CAST IN PLACE WARNING TILES WITH TRUNCATED DOMES OR APPROVED EQUAL.
- TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH AND A CENTER-TO-CENTER SPACING OF 1.7 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.



### DOMES SECTION DETAIL

SCALE: NONE

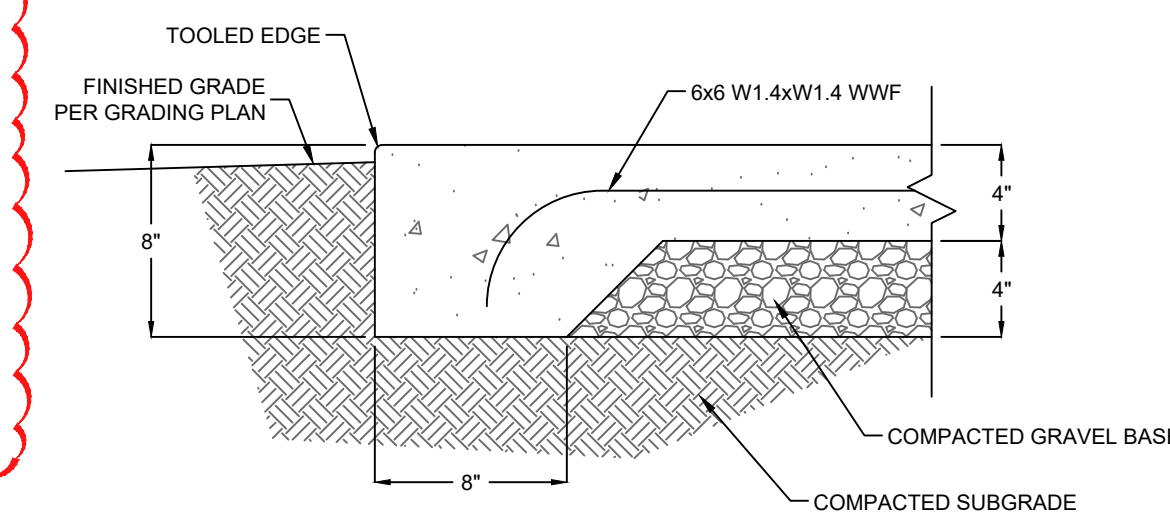


### DOMES SPACING DETAIL

SCALE: NONE

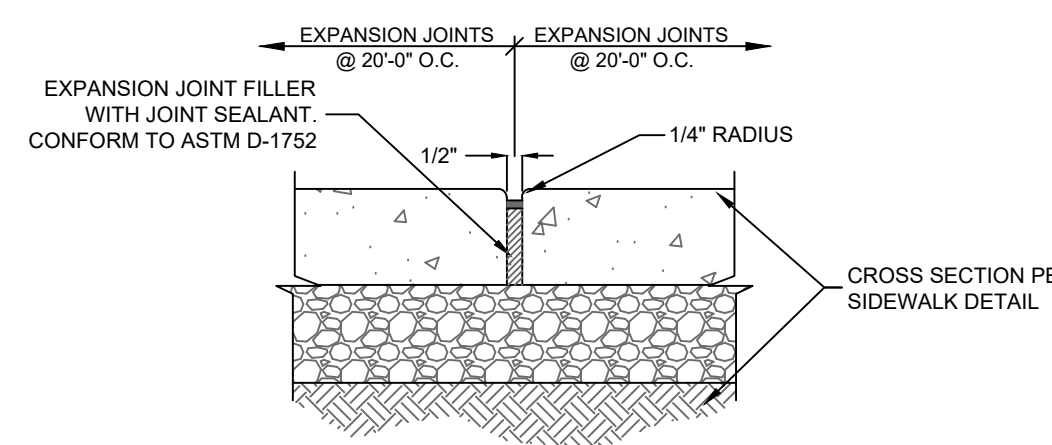
### TYPE 3 CURB RAMP DETAIL

SCALE: NONE



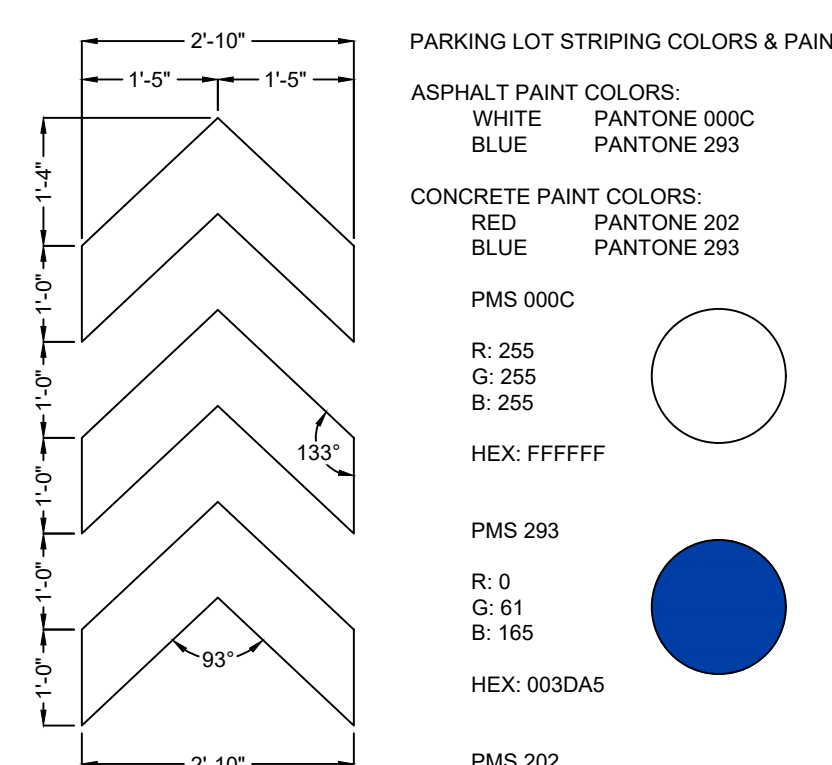
### CONCRETE STOOP/WALK EDGE

SCALE: NONE



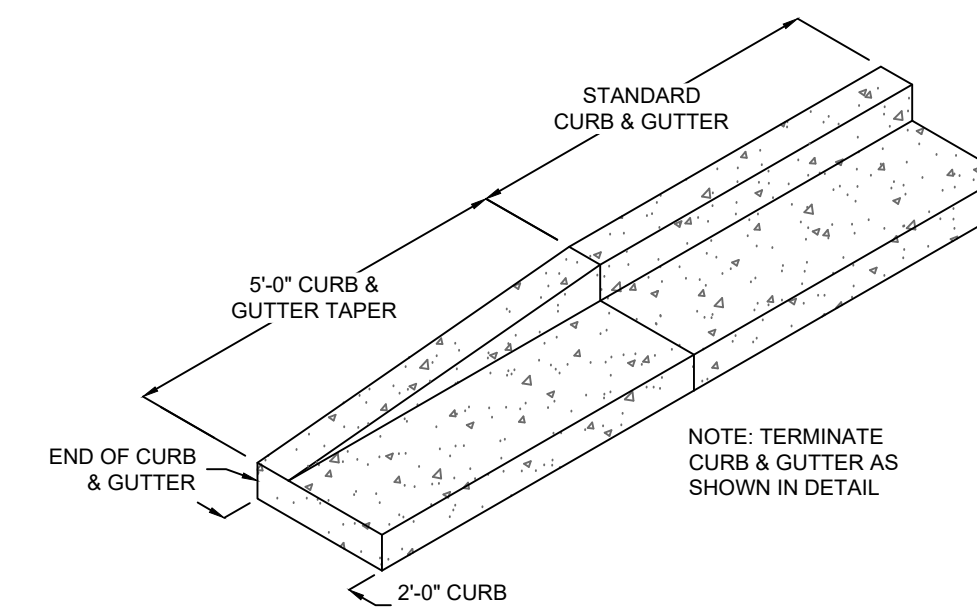
### SIDEWALK EXPANSION JOINT

SCALE: NONE



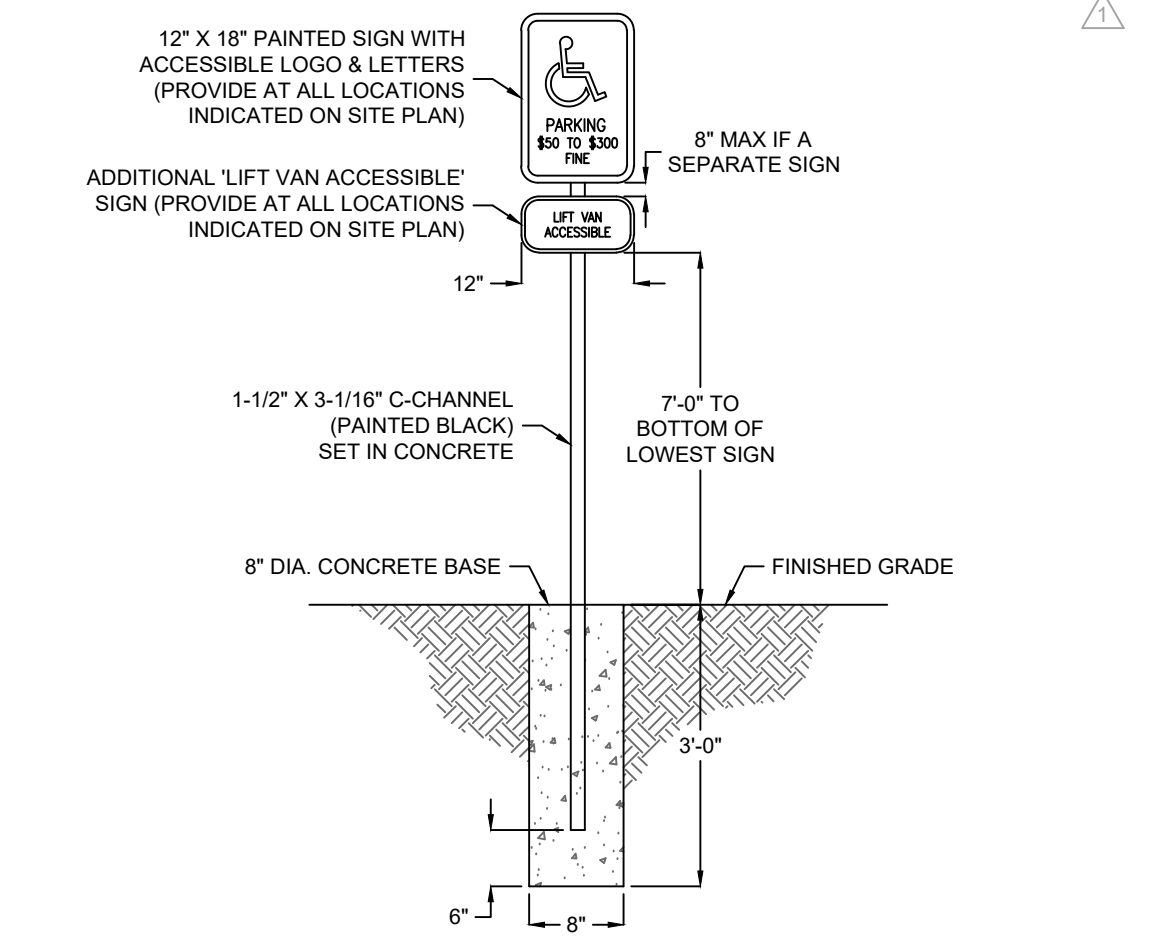
### PARKING LOT STRIPING COLORS & PAINT

SCALE: NONE



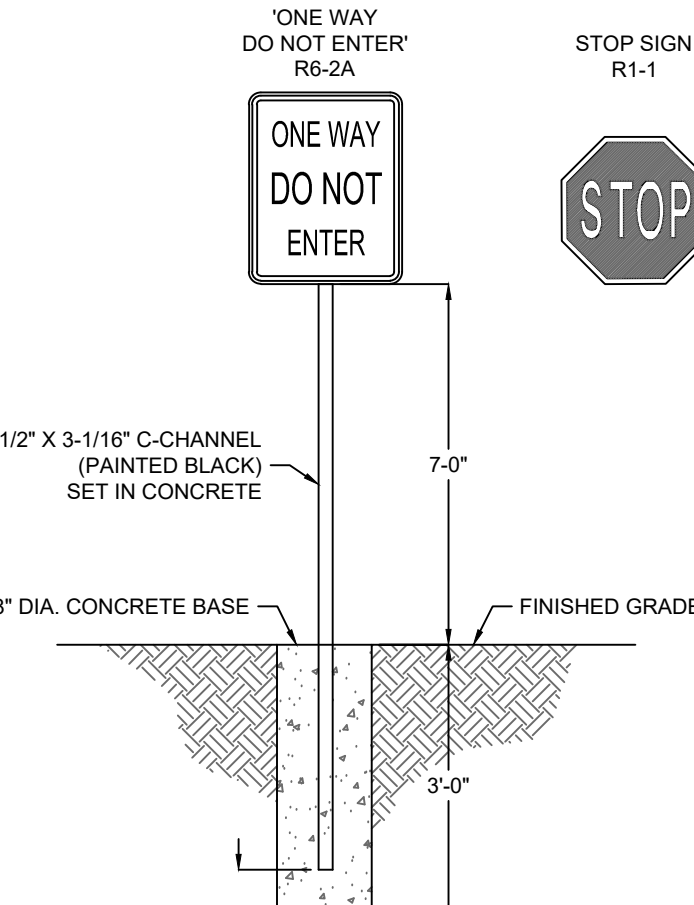
### CURB TRANSITION DETAIL

SCALE: NONE



### ADA ACCESSIBLE SIGN DETAIL

SCALE: NONE



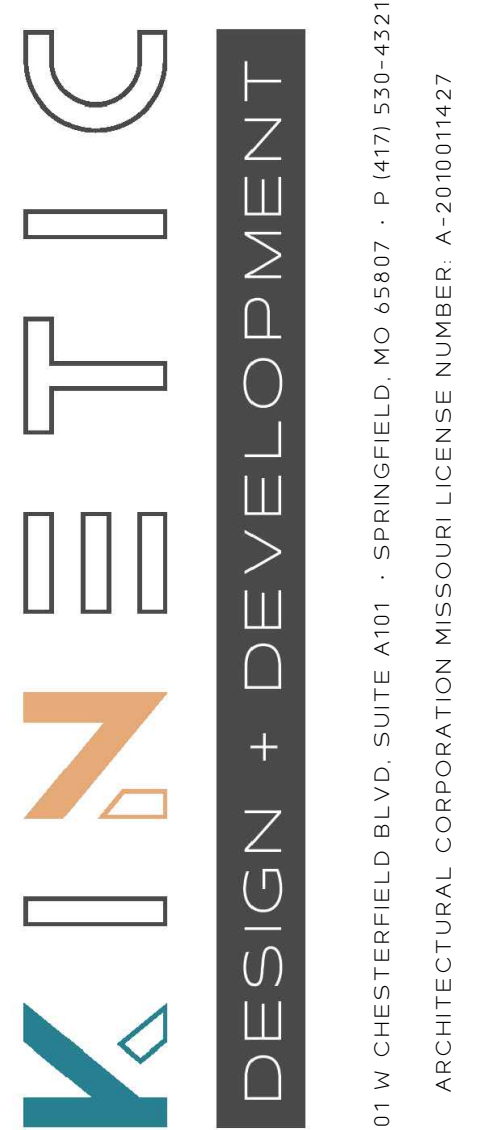
### TYPICAL SIGN POST DETAIL

SCALE: NONE

NOTE: ALL SIGN BACKS SHALL BE PAINTED BLACK IN ACCORDANCE WITH CITY REQUIREMENTS.



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ENGINEER OF RECORD:  
NAME: SHAWN W. BARRY  
LICENSE NO. MO #PE-200901053

PROJECT NUMBER:  
23031-7BOM2

REVISION:  
07-10-2023 CITY REVIEW COMMENTS  
08-31-2023 CITY REVIEW COMMENTS

7 BREW COFFEE  
O'FALLON, MO #2  
3600 MONTICELLO DR.  
O'FALLON, MO 63304

C7.1  
DETAILS

DATE: MAY 2, 2023