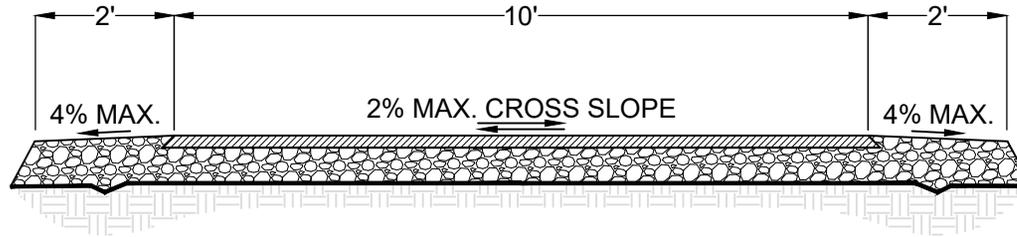
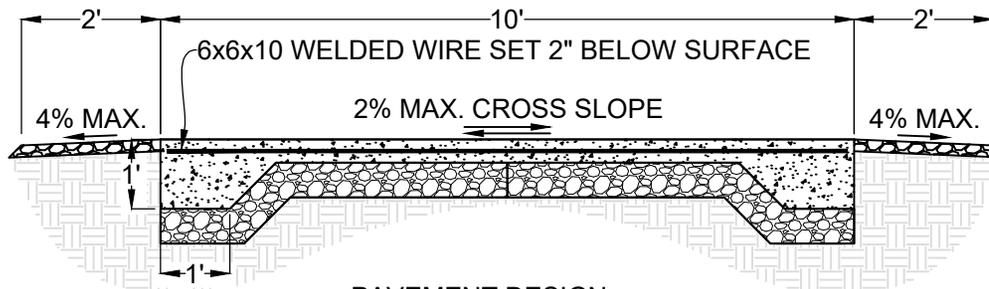


ASPHALT PAVED PATH

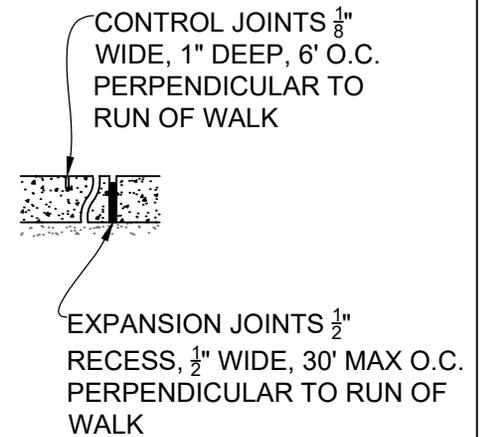


PAVEMENT DESIGN:
 2" ASPHALT CONCRETE SURFACE COURSE
 6" AGGREGATE BASE COURSE
 WOVEN GEOTEXTILE FABRIC
 2" AGGREGATE BASE COURSE SEEDED SHOULDER

CONCRETE PAVED PATH

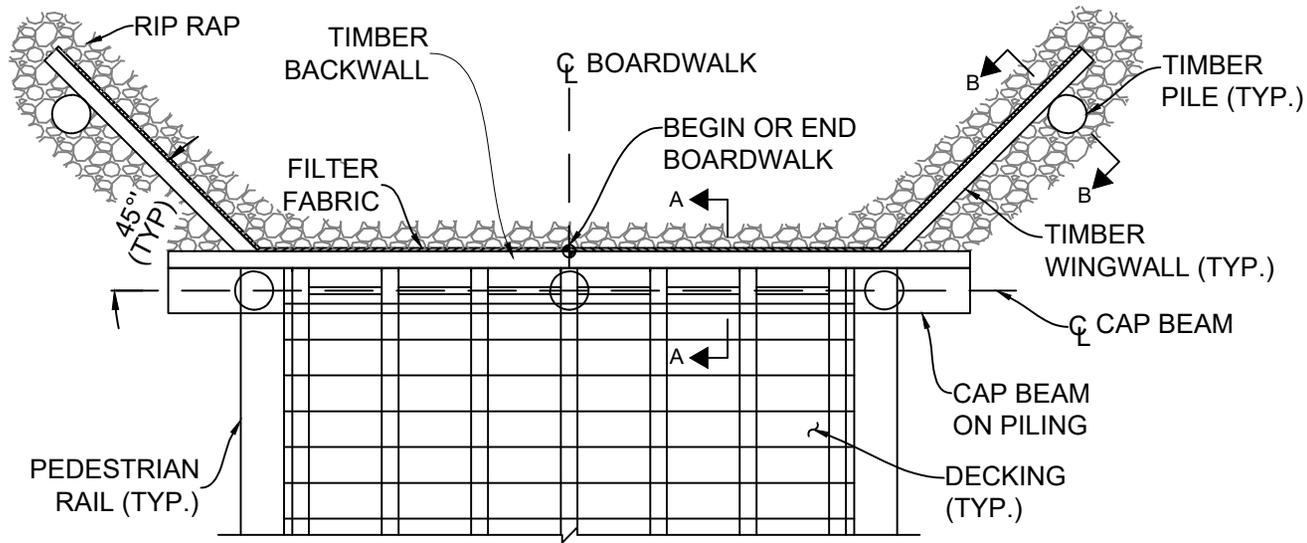


PAVEMENT DESIGN:
 4" CONCRETE
 6" AGGREGATE BASE COURSE
 2" AGGREGATE BASE COURSE SEEDED SHOULDER

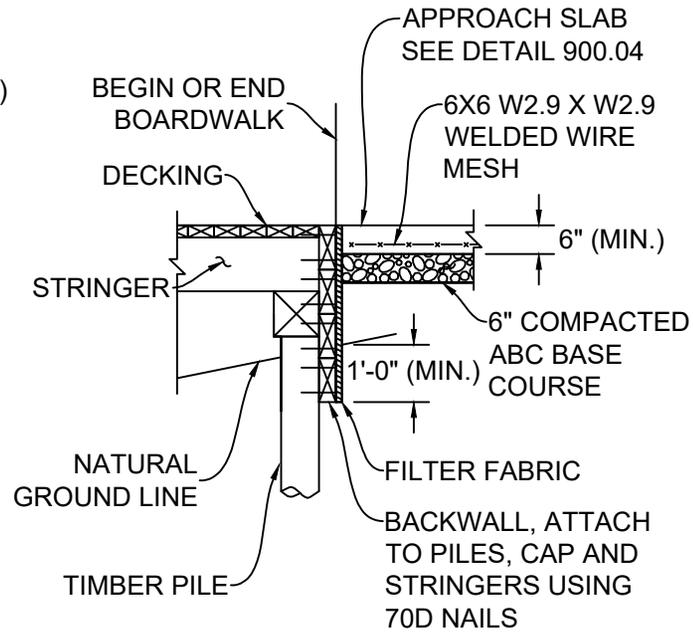


NOTES:

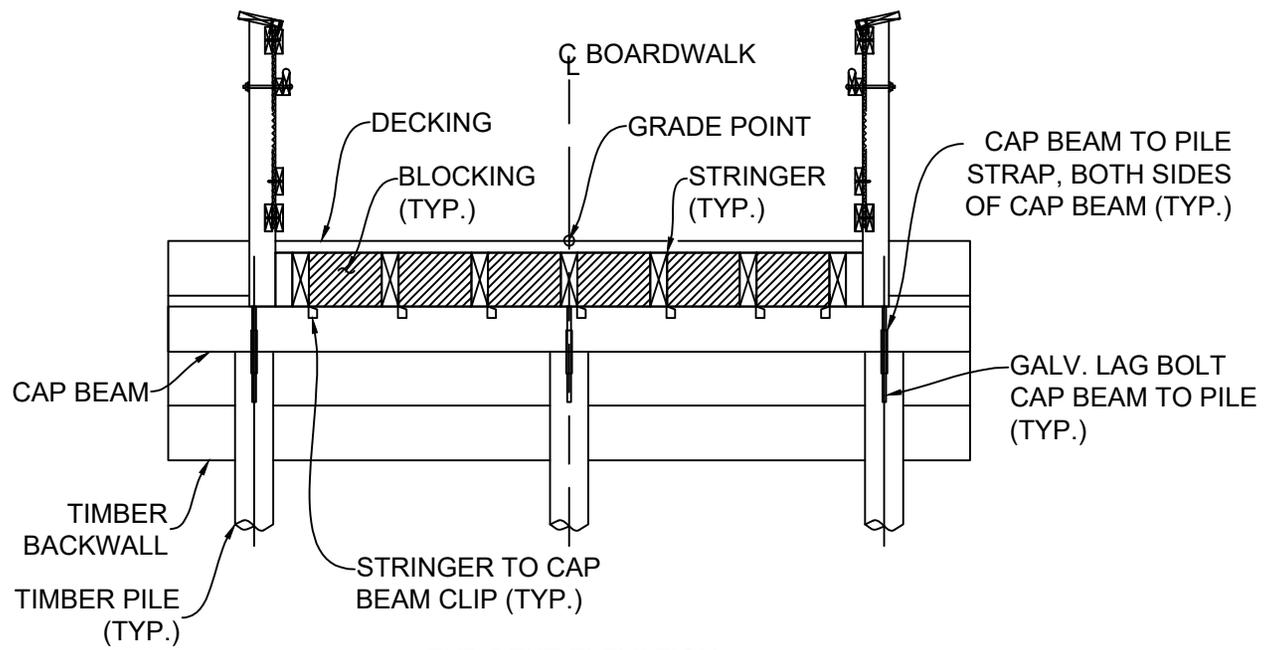
1. ALL LOCATION & SIZES OF DRAIN PIPE TO BE VERIFIED AND APPROVED BY THE TOWN OF APEX ENGINEER.
2. SUBGRADE SHALL BE STABLE AND COMPACTED.
3. IN LOW LYING AREAS PRONE TO FLOODING, A 4-INCH DEEP GRAVEL SHOULDER MAY BE USED SUBJECT TO REVIEW AND APPROVAL.



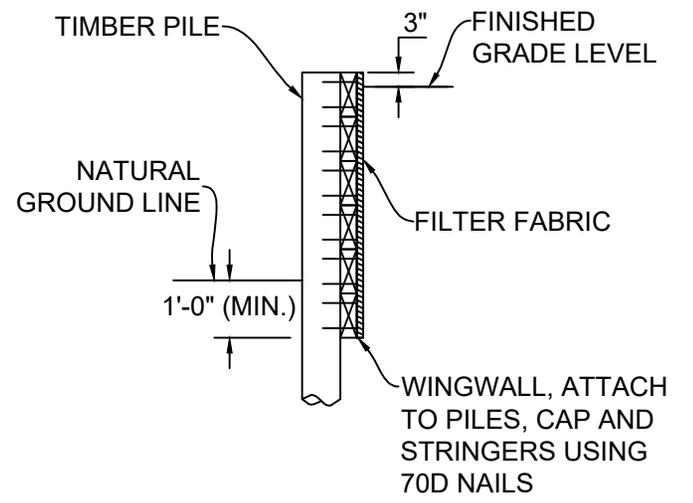
END BENT PLAN (TOP VIEW)



SECTION A-A



END BENT ELEVATION



SECTION B-B

TOWN OF APEX
STANDARDS

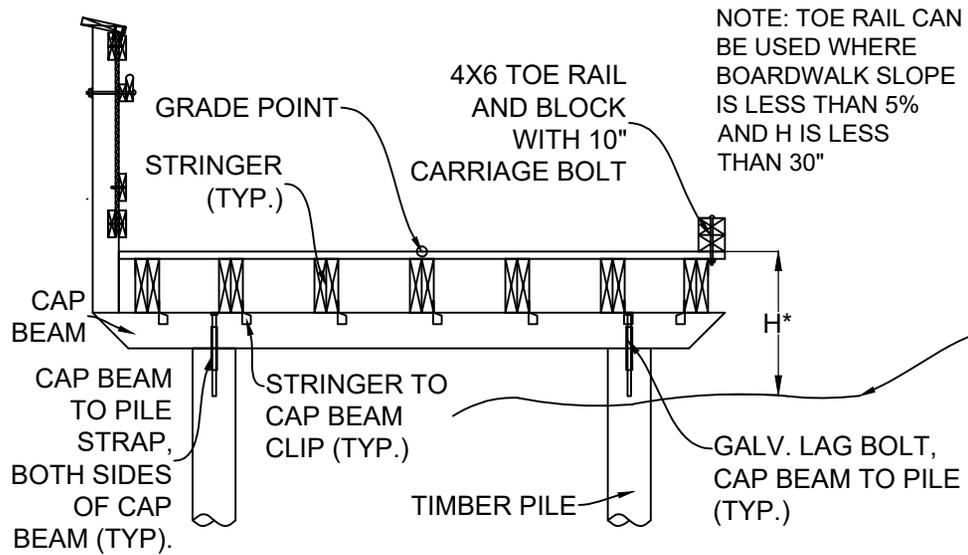
EFFECTIVE: JANUARY 12, 2021

BOARDWALK

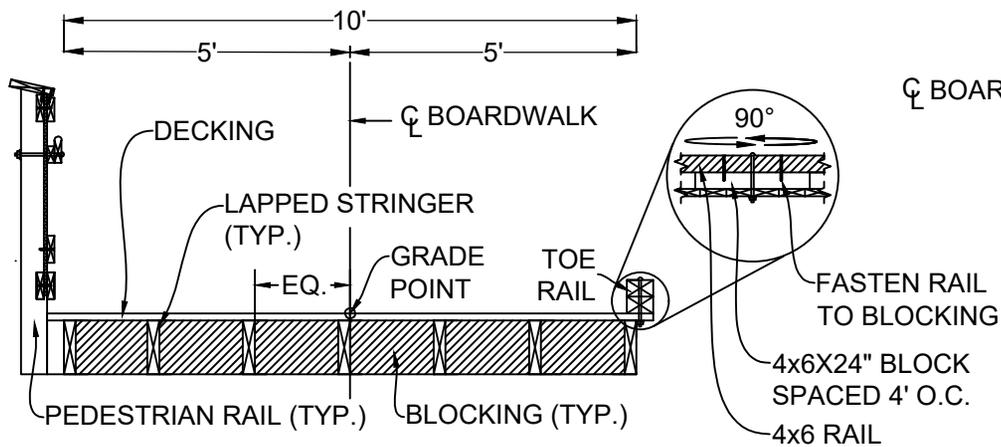
STD. NO.

900.02

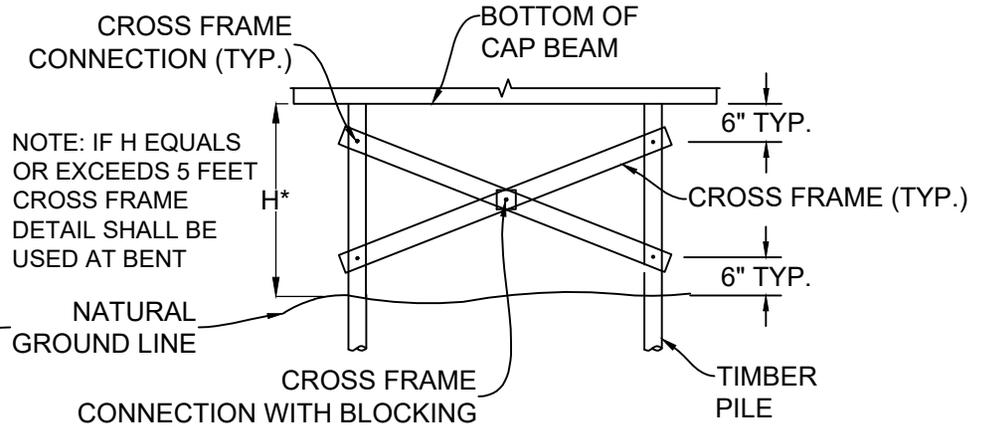
SHEET 1 OF 3



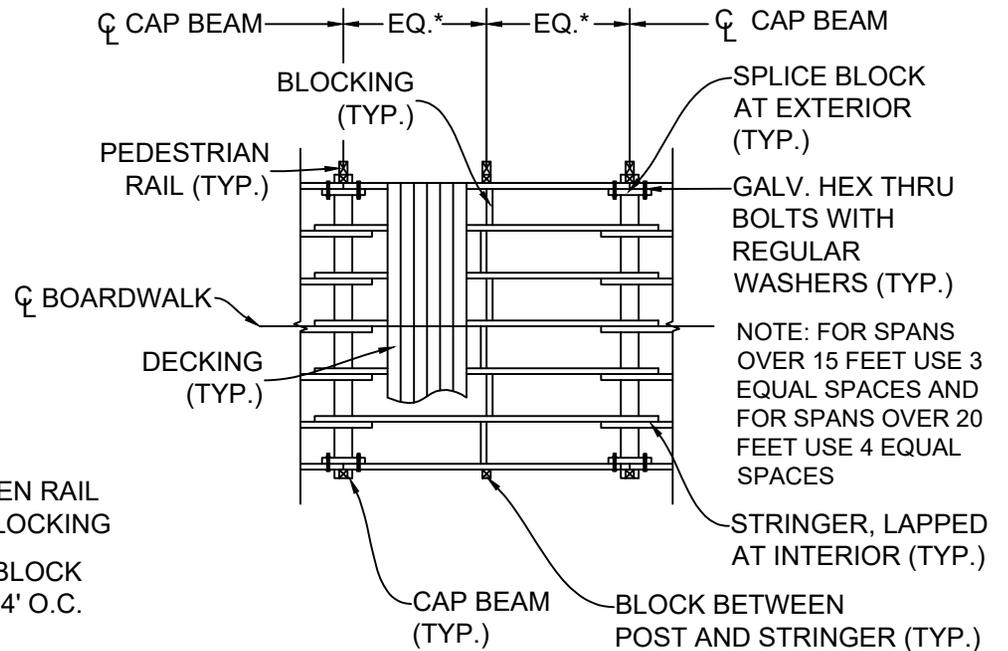
TIMBER BOARDWALK BENT ELEVATION



TYPICAL SECTION THROUGH MIDSPAN

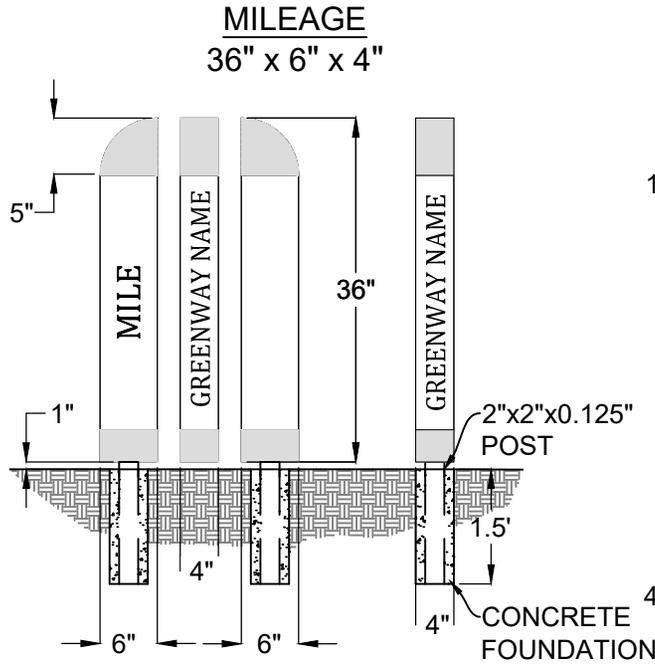


CROSS FRAME DETAIL

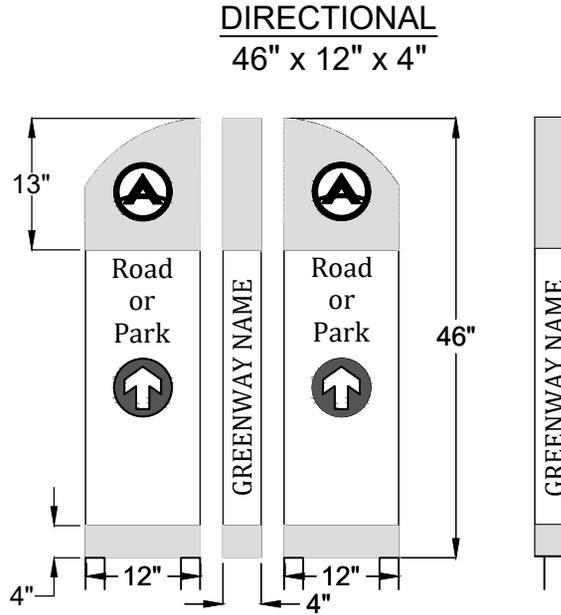


TIMBER BOARDWALK DECK FRAMING PLAN (10 FT SPAN TYP.)

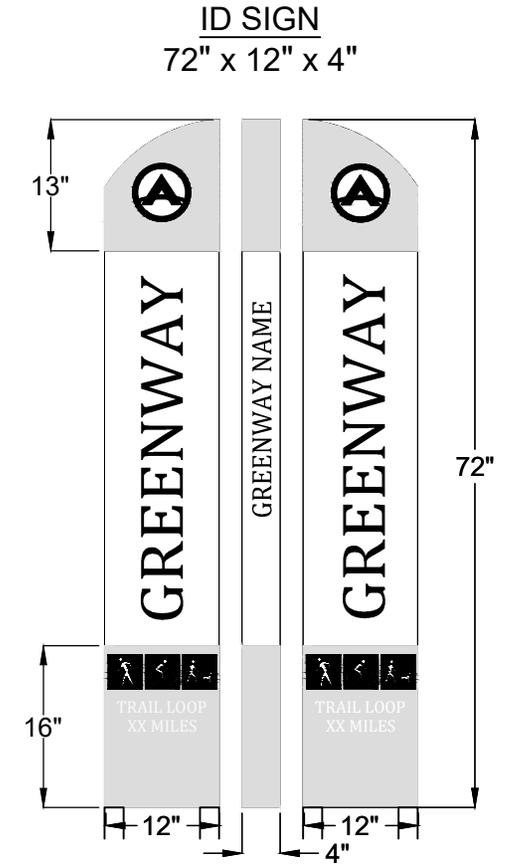
WAYFINDING



SINGLE-SIDED
MILEAGE NUMBER: TBD



LOCATE AT STREET/SIDEWALK
DOUBLE-SIDED
ARROW DIRECTION: TBD

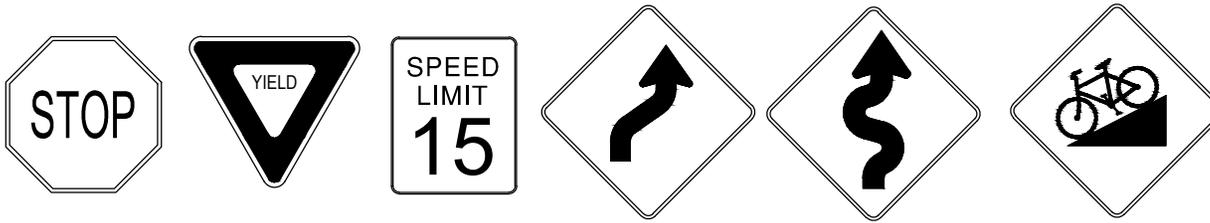


LOCATED AT TRAIL START
DOUBLE-SIDED
LOOP REFERENCE: TBD

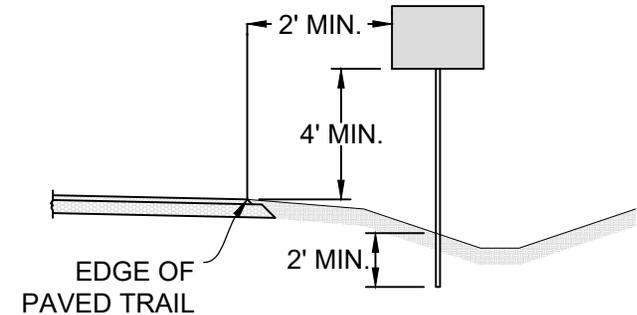
NOTES:

1. WAYFINDING SIGNAGE SHALL BE MOUNTED ON A 1" X 4" X 0.125" ALUMINUM C-CHANNEL FRAME.
2. SIGN FACES SHALL BE 0.080" MILL FINISHED (MF) ALUMINUM EPOXIED TO THE FRAME.
3. THE EXTERIOR OF THE SIGN SHALL HAVE A MINIMUM OF TWO ¼" DRAIN HOLES ALONG THE BOTTOM KEPT FREE OF DEBRIS.
4. MILEAGE SIGNS SHALL BE MOUNTED ON A SINGLE STUB MOUNT. DIRECTIONAL AND ID SIGNS SHALL BE MOUNTED ON A DOUBLE STUB MOUNT WITH 2" X 2" X 0.125" ALUMINUM TUBE POSTS. A VERTICAL CLEARANCE OF ONE (1) INCH SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE SIGN AND GROUND SURFACE. POSTS SHALL BE DRIVEN MINIMUM 18 INCHES INTO THE GROUND AND ENCASED IN CONCRETE.
5. THE COLOR SCHEME OF SIGN FACES SHALL BE WHITE SATIN AND GREEN (PMS 7743 C SATIN). THE CUT AND PRINTED VINYL SHALL BE BLACK AND WHITE.

TYPICAL GREENWAY REGULATORY AND WARNING SIGNAGE



SIGN TYPE	SIGN SIZE
R1-1 (STOP)	18" x 18"
R1-2 (YIELD)	18" x 18" x 18"
R2-1 (SPEED LIMIT)	18" x 18"
W1-4 (CURVE WARNING)	18" x 18"
W1-5 (CURVES WARNING)	18" x 18"
W7-5 (SLOPE/HILL WARNING)	18" x 18"
FUTURE TRAIL EXTENSION	30" x 18"

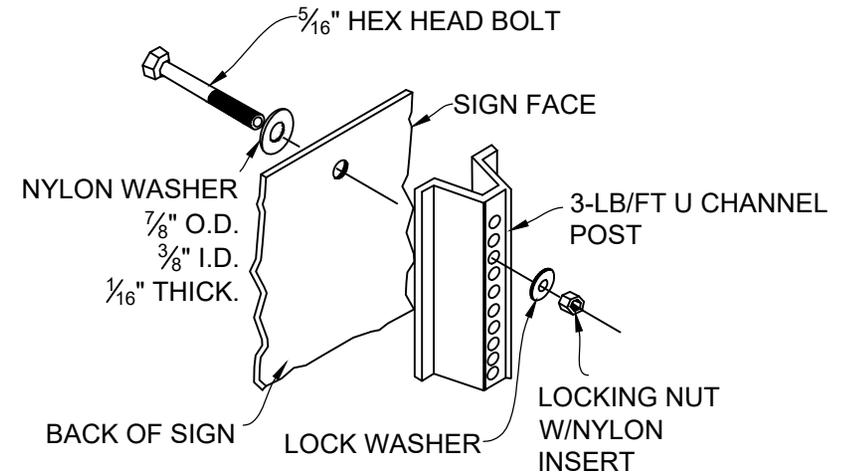


SIGN PLACEMENT

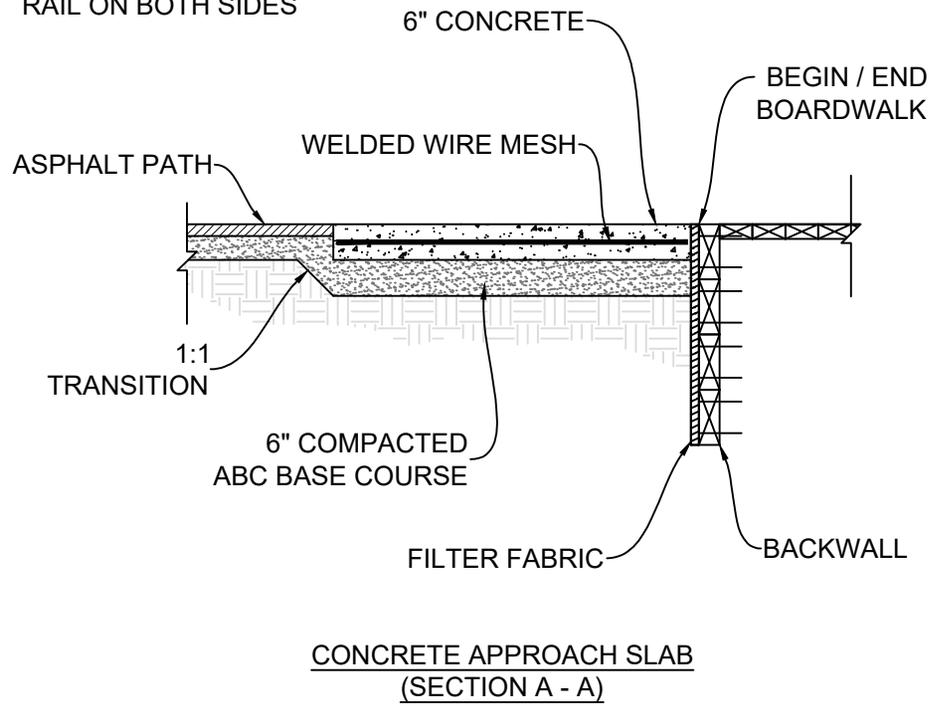
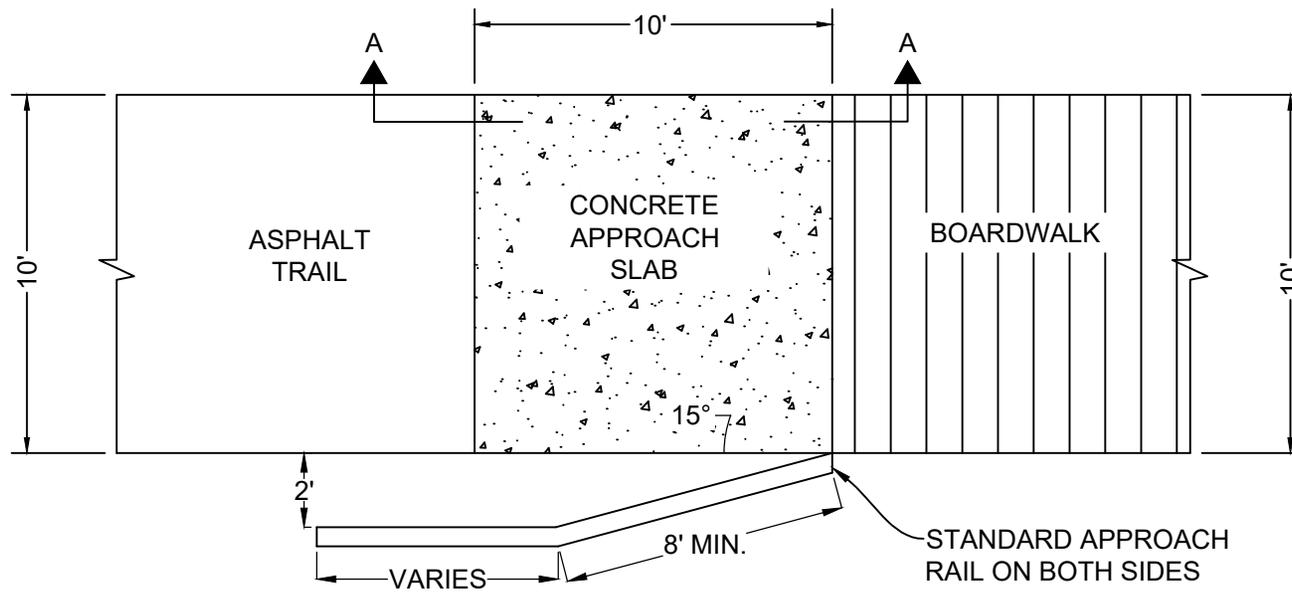
* FOR OTHER TYPES OF SIGNAGE CONSULT THE MUTCD

NOTES:

1. SHEETING MATERIAL FOR ALL SIGNS SHALL BE HIGH INTENSITY PRISMATIC (HIP) TYPE IV MULTI-LAYER SHEETING.
2. A STOP SIGN SHALL BE INSTALLED WHENEVER A PUBLIC GREENWAY INTERSECTS A ROADWAY (EXCEPT FOR STREET-SIDE GREENWAYS), AND SHALL BE INSTALLED FOR PRIVATE GREENWAYS AS INDICATED ON PLANS.
3. A YIELD SIGN SHALL BE INSTALLED ON THE MINOR APPROACHES AT CROSSINGS OF TWO GREENWAYS, OR WHERE INDICATED ON THE PLANS.
4. STEEP SLOPE/HILL WARNING SIGNAGE SHALL BE INSTALLED AT A MINIMUM DISTANCE OF 50 FEET APPROACHING DOWNHILL SLOPES THAT EXCEED 5 PERCENT.
5. CURVE WARNING (W1-4) SIGNAGE SHALL BE INSTALLED AT A MINIMUM DISTANCE OF 50 FEET APPROACHING HORIZONTAL CURVES WITH A RADIUS OF LESS THAN 50 FEET. MULTIPLE CURVES (W1-5) SIGNAGE SHALL BE INSTALLED WHERE A COMBINATION OF SLOPE EXCEEDS 5 PERCENT AND HORIZONTAL CENTERLINE CURVE RADIUS IS LESS THAN 50 FEET.
6. REFER TO MUTCD FOR ALL OTHER GUIDANCE.



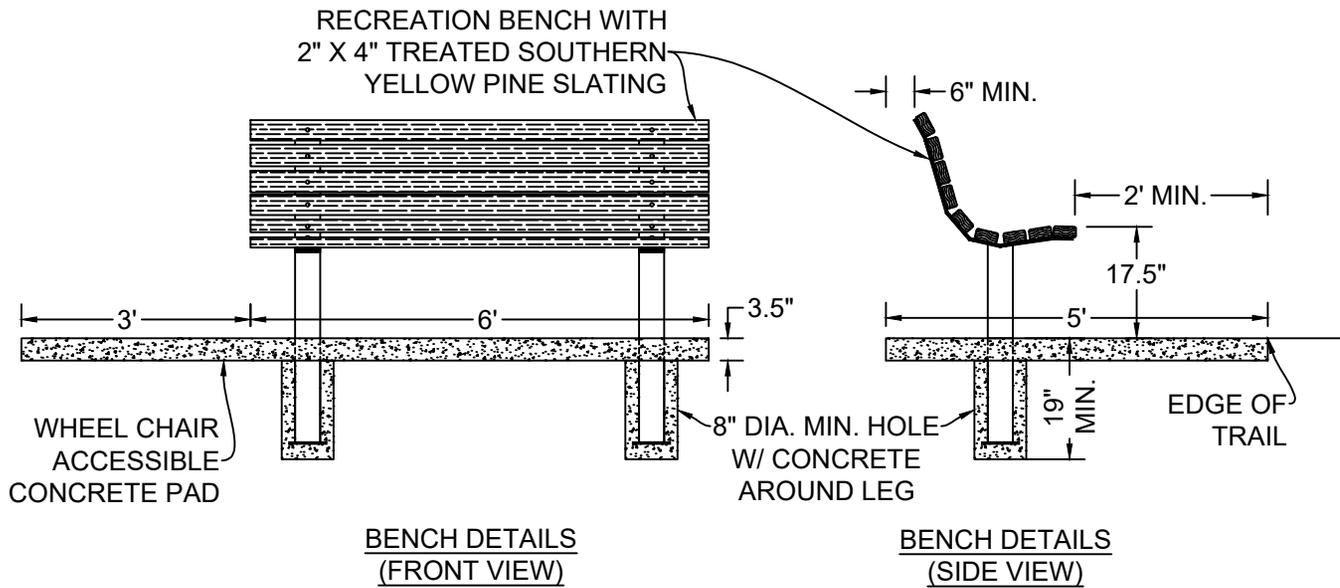
SIGN MOUNTING DETAIL



CONCRETE APPROACH SLAB
(SECTION A - A)

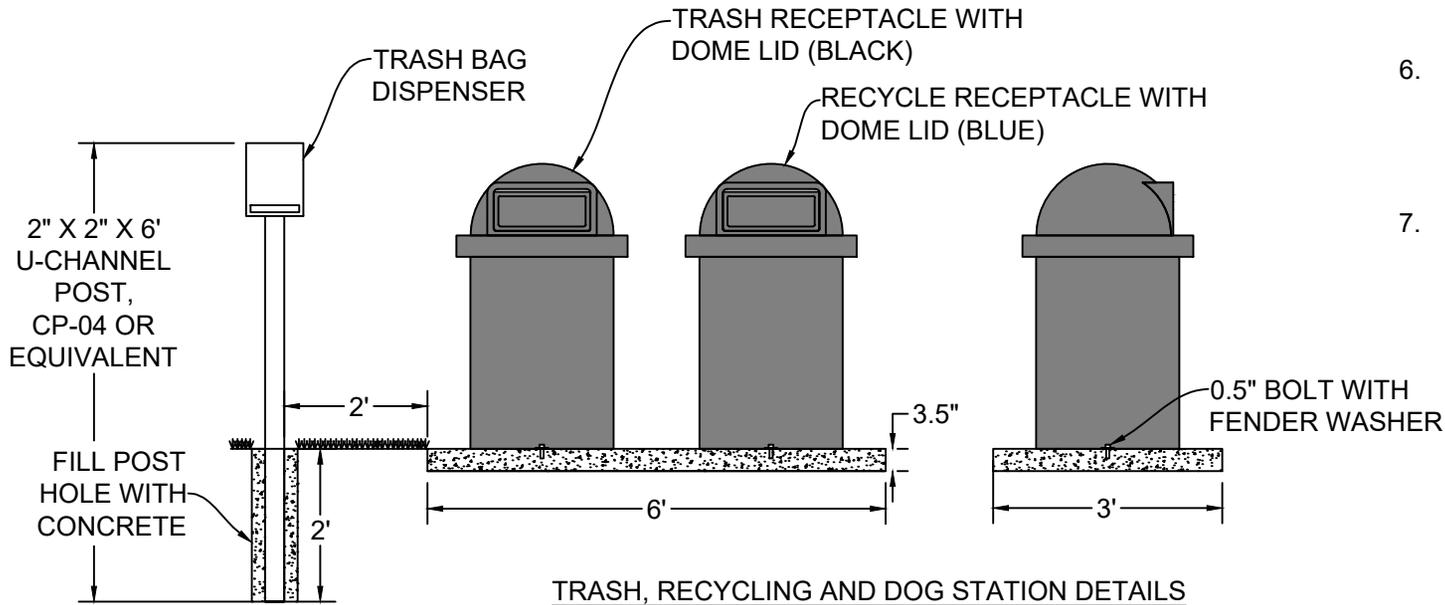
NOTES:

1. APPROACH SLAB SHALL BE 6-INCH THICK CONCRETE PAVEMENT (4,000 PSI OR GREATER) WITH A 6-INCH X 6-INCH WELDED WIRE MESH PLACED 3 INCHES FROM THE BOTTOM OF THE CONCRETE SLAB.
2. THE LENGTH OF THE STANDARD APPROACH RAIL SHALL VARY DEPENDING ON SITE CONDITIONS.
3. WHERE SITE CONDITIONS REQUIRE SAFETY RAIL ON THE APPROACHING TRAIL, TIE STANDARD APPROACH RAIL TO SAFETY RAIL AT THE END OF THE FLARED TRANSITION.



NOTES:

1. BENCHES SHALL BE KAY PARK RECREATION MODEL NO 6CB2SYPIG OR EQUIVALENT.
2. BENCHES TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND DETAILS.
3. BENCHES SHALL BE MOUNTED IN CONCRETE AND PAD POURED AFTER BENCHES ARE SECURED.
4. TRASH RECEPTACLE SHALL BE OCC OUTDOORS REC-S8331A-00-092 (BLACK) WITH DOME LID AND PUSH DOOR (BLACK) OR EQUIVALENT.
5. RECYCLING RECEPTACLE SHALL BE OCC OUTDOORS REC-S8331A-00-055 (BLUE) WITH DOME LID AND PUSH DOOR (BLUE) OR EQUIVALENT.
6. DOG STATION SHALL BE CROWN PRODUCTS REGAL PET WASTE STATION, ID NO. PP-H-DSP, COLOR HUNTER GREEN, OR EQUIVALENT.
7. DOG STATION, TRASH AND RECYCLE RECEPTACLES TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND DETAILS.



TOWN OF APEX
STANDARDS

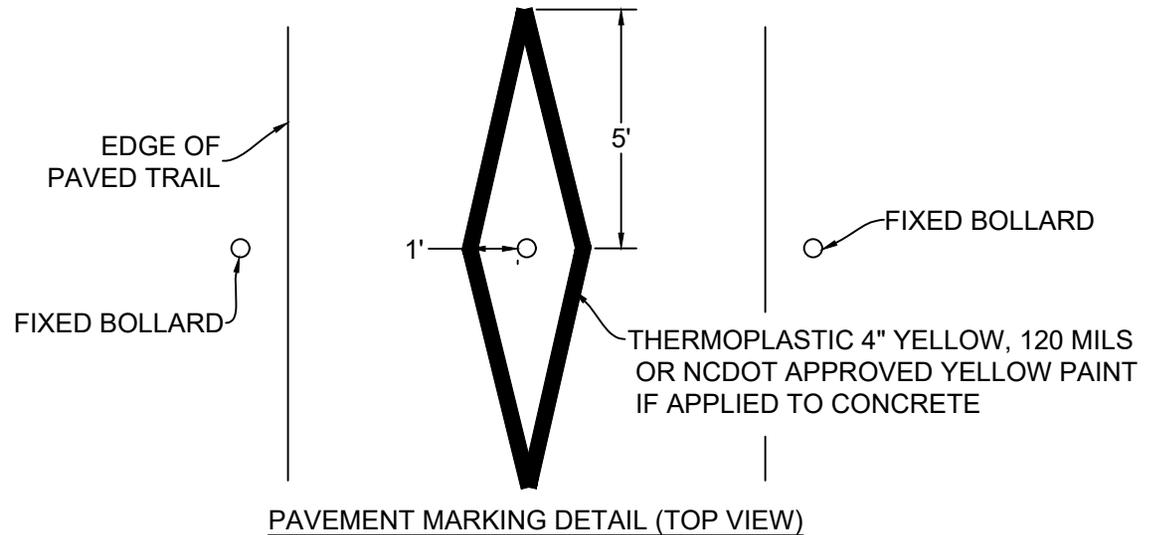
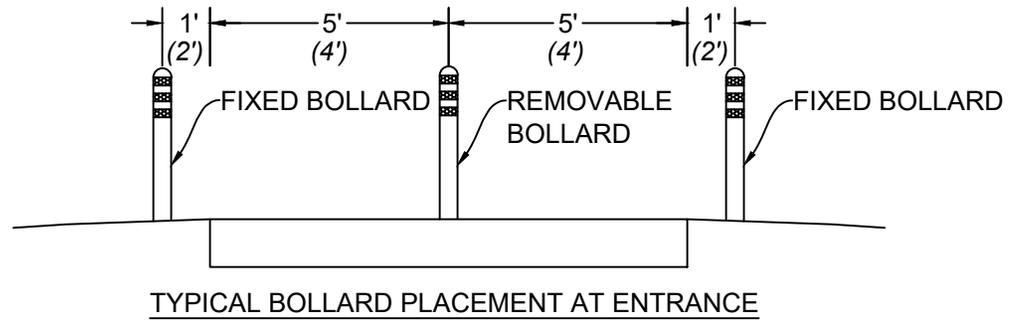
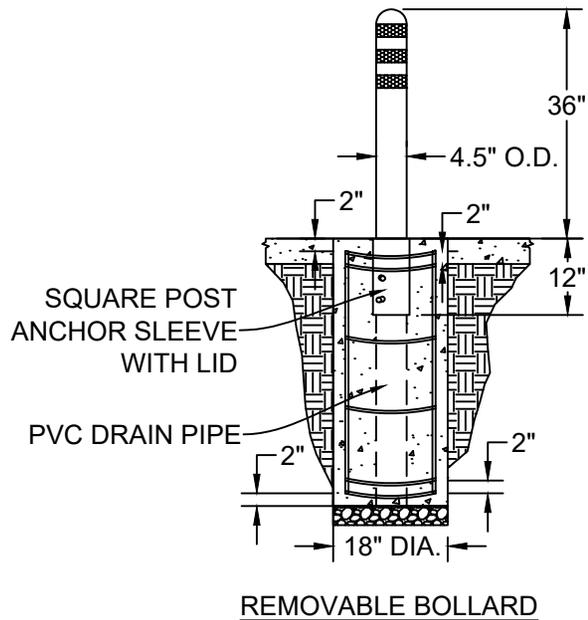
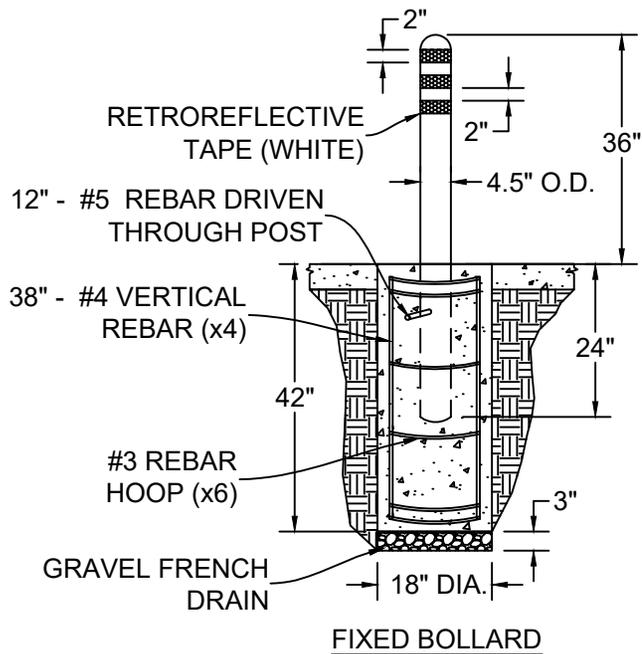
EFFECTIVE: AUGUST 12, 2025

BENCH, TRASH, RECYCLING, DOG STATION

STD. NO.

900.05

SHEET 1 OF 1



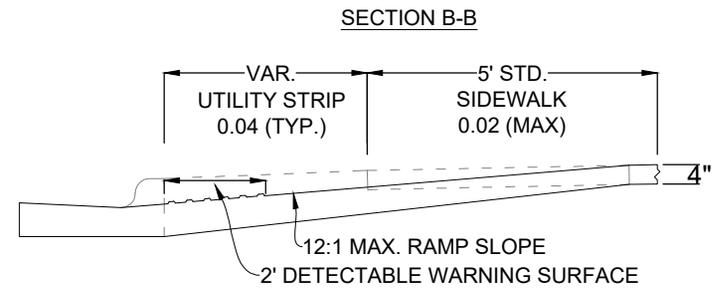
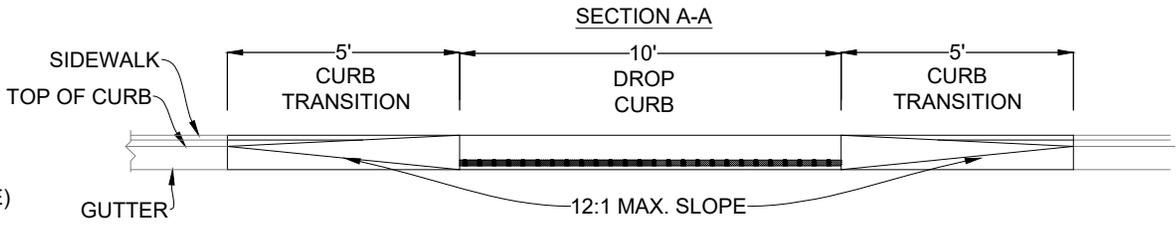
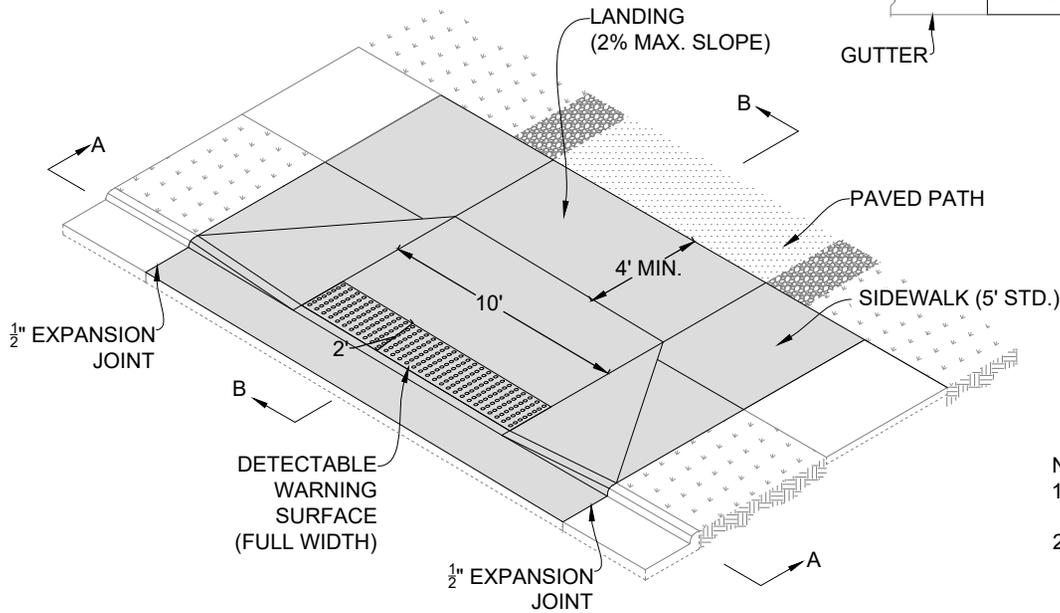
NOTES:

1. FIXED BOLLARDS SHALL BE TRAFFICGUARD MODEL RFP4560R; REMOVABLE BOLLARDS SHALL BE TRAFFICGUARD MODEL TL1004RL, OR APPROVED EQUAL. BOLLARDS SHALL BE FINISHED WITH POWDER COATED BLACK PAINT. REMOVABLE BOLLARDS SHALL BE INSTALLED UTILIZING THE LIDDED GROUND SLEEVE ONLY.
2. BOLLARDS AND SIGNS SHALL BE INSTALLED PER MANUFACTURER DETAILS AND SPECIFICATIONS.
3. CONCRETE FOUNDATIONS SHALL BE CONSTRUCTED TO WITHSTAND 6,000 LBS OF STATIC LOAD AT 27 INCHES ABOVE GRADE PER MANUFACTURER SPECIFICATIONS.
4. BOLLARDS SHALL BE INSTALLED OUTSIDE THE CLEAR ZONE WHEN ADJACENT TO ROADWAY. BOLLARDS SHALL BE INSTALLED MINIMUM 10 FEET FROM THE BACK OF CURB RAMP WHEN APPLICABLE.
5. PROVIDE A 2-FOOT SEPARATION BETWEEN TRAIL AND BOLLARDS WHEN TRAIL IS 8 FEET IN WIDTH.
6. FIXED BOLLARDS SHALL NOT BE REQUIRED WHEN MOTOR VEHICLE ACCESS IS BLOCKED BY PEDESTRIAN RAILING OR FENCING.



PAY LIMITS FOR CURB RAMP

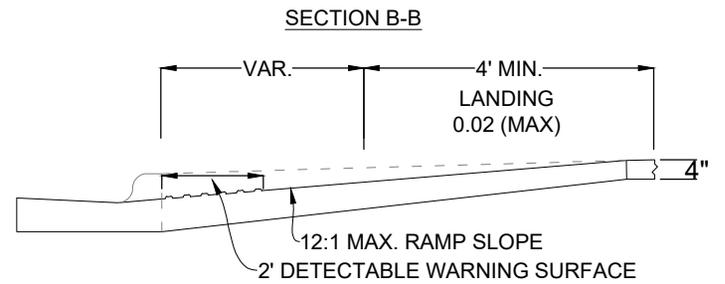
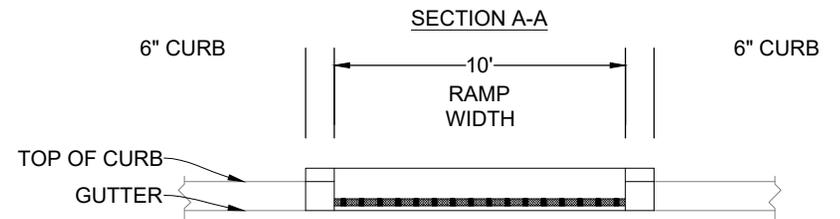
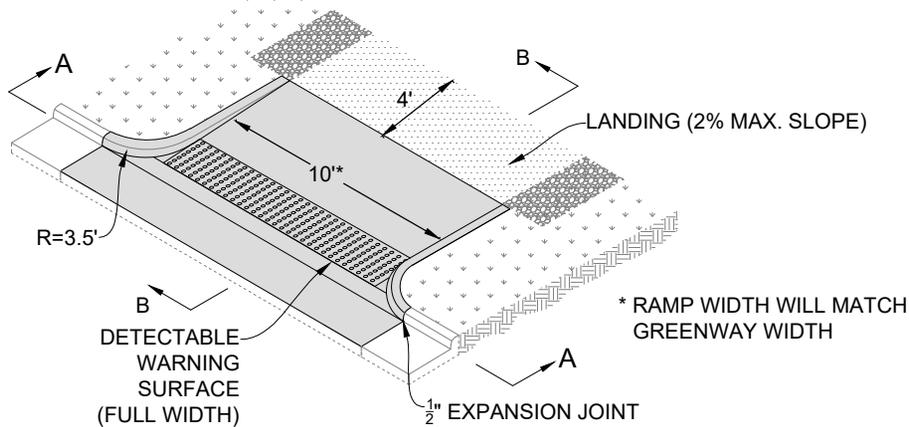
ISOMETRIC VIEW



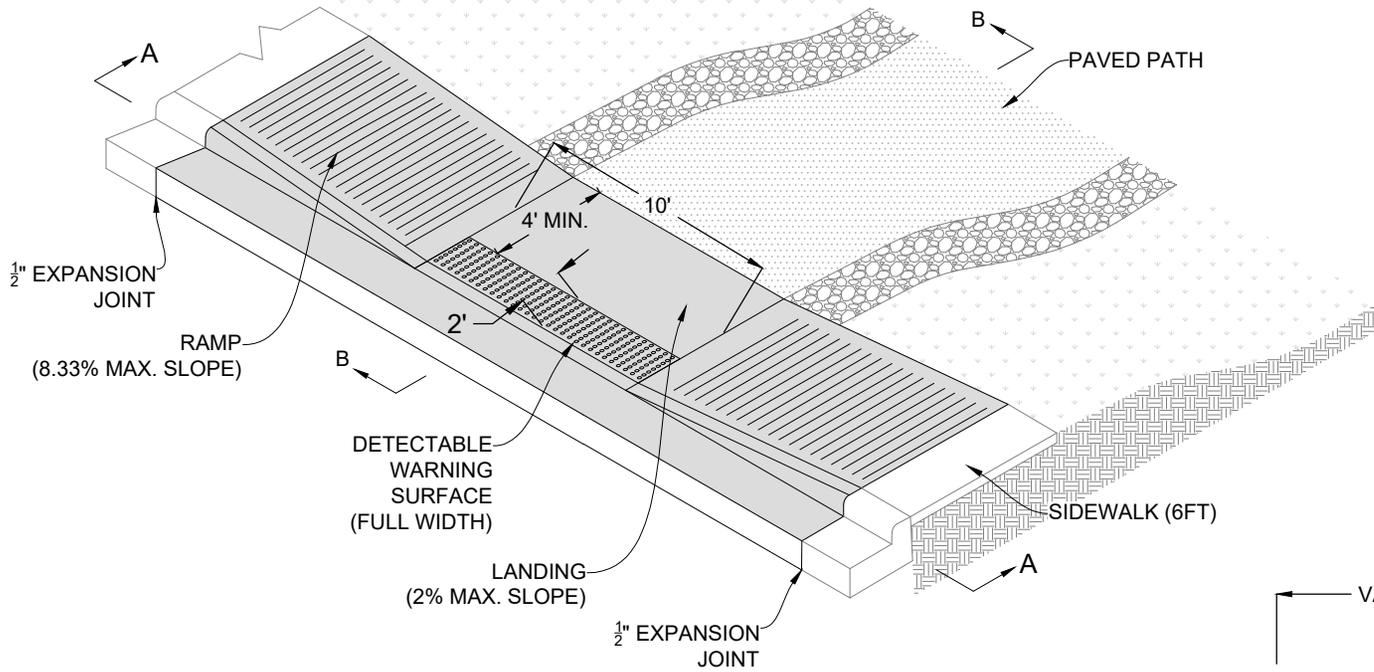
NOTES:

1. RAMPS SHALL BE CONSTRUCTED OF CONCRETE MEETING A MINIMUM COMPRESSION STRENGTH OF 3,000 PSI.
2. DETECTABLE WARNING DOMES WILL CONTRAST VISIBILITY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT SEQUENCE.

ISOMETRIC VIEW

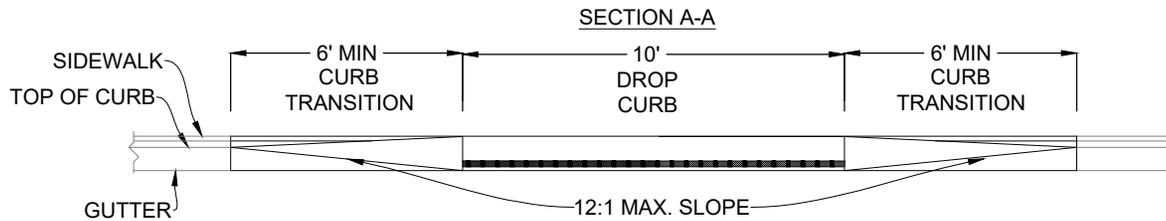
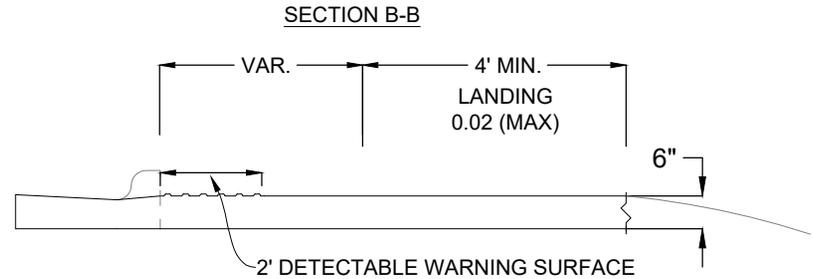


PAY LIMITS FOR CURB RAMP



NOTES:

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2. DETECTABLE WARNING DOMES WILL CONTRAST VISIBILITY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT SEQUENCE.



TOWN OF APEX
STANDARDS

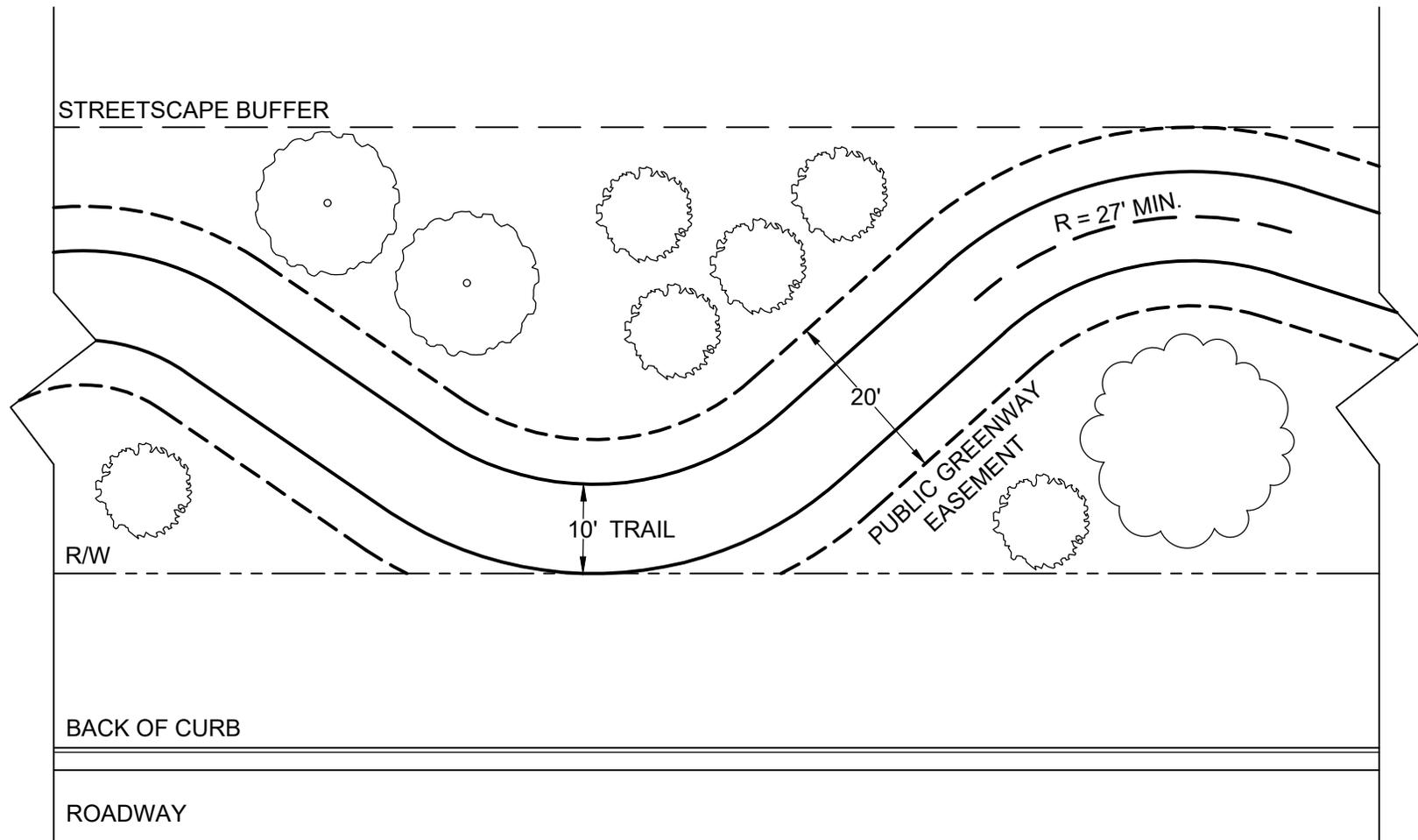
GREENWAY CURB RAMP

STD. NO.

900.07

EFFECTIVE: FEBRUARY 28, 2023

SHEET 2 OF 2



NOTES:

1. STREET-SIDE GREENWAYS SHALL BE LOCATED OUTSIDE THE RIGHT-OF-WAY WHERE PRACTICAL.
2. STREET-SIDE GREENWAYS MAY BE LOCATED WITHIN THE ROADWAY BUFFER.
3. A MINIMUM SEPARATION OF FIVE FEET SHALL BE MAINTAINED FROM THE BACK OF CURB IN CONSTRAINED LOCATIONS.
4. STREET-SIDE GREENWAYS SHOULD MEANDER WHERE PRACTICAL GIVEN PHYSICAL BARRIERS AND TOPOGRAPHICAL CONSTRAINTS.
5. PRIVATE UTILITIES, IRRIGATION INFRASTRUCTURE, LANDSCAPING, FENCES, SIGNS, MONUMENTS, OR ASSOCIATED EASEMENTS SHALL NOT BE ALLOWED WITHIN THE PUBLIC STREET-SIDE GREENWAY EASEMENT.
6. PUBLIC UTILITIES WITHIN THE PUBLIC STREET-SIDE GREENWAY EASEMENT MAY BE ALLOWED UPON APPROVAL OF TOWN STAFF.

**TOWN OF APEX
STANDARDS**

STREET-SIDE GREENWAY

EFFECTIVE: JANUARY 12, 2021

STD. NO.

900.08

SHEET 1 OF 1