Fall Permanent Seeding	August 15 – November 1
Lime	2 tons/ac
5–10–10 Fertilizer	1000 lbs/ac
0–20–0	500 lbs/ac
Unscarified Service Lespedeza	60 lbs/ac
Ky–31 Fescue	30 lbs/ac
Rye Grain	25 lbs/ac
★Straw Mulch	2 tons/ac
Fall Permanent Seeding – Centipede:	September 1 – February 28
Lime	2 tons/ac
Fertilizer (low nitrogen approved for Centipede)	(Appropriate fertilizer approved for centipede application)
Rye Grain	90 lbs/ac
Centipede Seed	15 lbs/ac (overseeded in spring)
★Straw Mulch	2 tons/ac
Winter Temporary Cover	November 1 – February 28
Lime	2 tons/ac
10–10–10 Fertilizer	700 lbs/ac
Oats	50 lbs/ac
Rye Grain	20 lbs/ac
★Straw Mulch	2 tons/ac
Spring Permanent Seeding	March 1 – April 30
Lime	2 tons/ac
5–10–10 Fertilizer	1000 lbs/ac
0–20–0	500 lbs/ac
Scarified Sericea Lespedeza	50 lbs/ac
Ky–31 Fescue	30 lbs/ac
Brown top Millet	20 lbs/ac
★Straw Mulch	2 tons/ac
Spring Permanent Seeding – Centipede:	April 1 – July 15
Lime	2 tons/ac
Fertilizer (low nitrogen approved for Centipede)	(Appropriate fertilizer approved for centipede application)
Centipede Seed	90 lbs/ac
★Straw Mulch	2 tons/ac
Late Spring Permanent Seeding	March 15 – June 30
Lime	2 tons/ac
10–10–10 Fertilizer	1000 lbs/ac
0–20–0	500 lbs/ac
Scarified Sericea Lespedeza	40 lbs/ac
Common Bermuda Grass (hulled)	8 lbs/ac
★Straw Mulch	2 tons/ac
Summer Temporary Cover	June 30 – August 3
Lime	2 tons/ac
10–10–10 Fertilizer	700 lbs/ac
Brown top Millet	40 lbs/ac
★Straw Mulch	2 tons/ac

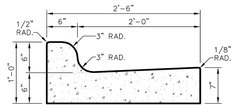
NOTES:

1. ★ Mulch will be doubled if crimping is the method used.

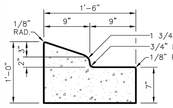
TOWN of CLAYTON
USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

SEEDING SPECIFICATIONS

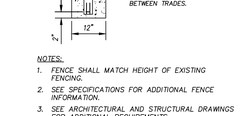
SCALE:	DETAIL #
Not To Scale	s350.01
REVISION DATE: July, 2010	SHEET # 1 of 1



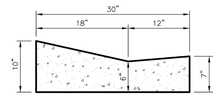
2'–6" CURB AND GUTTER



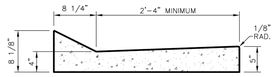
1'–6" CURB AND GUTTER



ROLL TYPE CURB AND GUTTER



VALLEY GUTTER



SHOULDER BERM GUTTER

TOWN of CLAYTON
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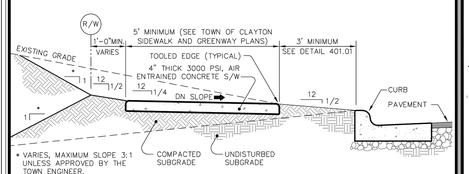
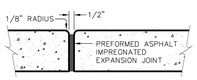
CONCRETE CURB AND GUTTER SECTIONS

SCALE:	DETAIL #
Not To Scale	s402.01
REVISION DATE: July, 2010	SHEET # 1 of 2



* VARIES; MAXIMUM SLOPE 3:1 UNLESS APPROVED BY THE TOWN ENGINEER.

TYPICAL SIDEWALK with UTILITY STRIP



TYPICAL EXPANSION JOINT DETAIL

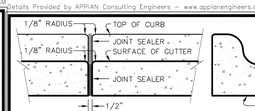
NOTES:

1. Provide 1" deep tooled traverse structural score joint with 1/8" radius at 5'–0" o.c.
2. 1/2" preformed asphalt impregnated expansion strip joints to be placed 40'–0" o.c. longitudinally, adjacent to curbs, when butting existing structures, concrete, or buildings, and at changes in width.

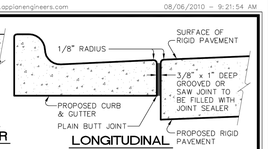
TOWN of CLAYTON
USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

TYPICAL CONCRETE SIDEWALK AND EXPANSION JOINT DETAIL

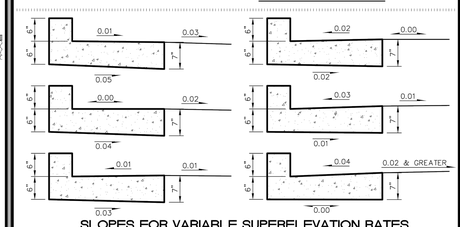
SCALE:	DETAIL #
Not To Scale	s404.03
REVISION DATE: July, 2010	SHEET # 1 of 1



TRANSVERSE EXPANSION JOINT IN CURB AND GUTTER



LONGITUDINAL PLAIN BUTT JOINT



SLOPES FOR VARIABLE SUPERELEVATION RATES

NOTES:

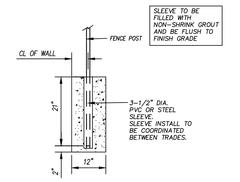
1. Contraction joints shall be placed at 10' intervals, except that a 15' spacing may be used when a machine is used.
2. Joint spacing may be altered if required by the engineer
3. Contraction joints may be installed by the use of templates or formed by other approved methods. Where such joints are not formed by templates, a minimum depth of 1 1/2" shall be obtained.
4. All construction joints shall be filled with joint filler and sealer as directed by Town Engineer.
5. Expansion joints shall be spaced at 90' intervals, and adjacent to all rigid objects.
6. Concrete to be a minimum of 3,000 PSI @ 28 days, air entrained.
7. Spill sections will be approved on a case–by–case basis by Town Engineer.

TOWN of CLAYTON
USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

CONCRETE CURB AND GUTTER SECTIONS

SCALE:	DETAIL #
Not To Scale	s402.01
REVISION DATE: July, 2010	SHEET # 2 of 2

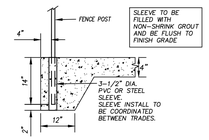
TOWN OF CLAYTON STANDARD DETAILS N.T.S.



NOTES:

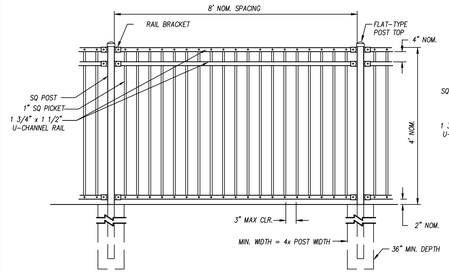
1. FENCE SHALL MATCH HEIGHT OF EXISTING FENCING.
2. SEE SPECIFICATIONS FOR ADDITIONAL FENCE INFORMATION.
3. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. FENCE COLOR: MATCH EXISTING

FENCE POST IN TOP OF CONCRETE RETAINING WALL

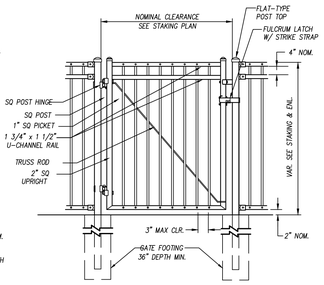


FENCE POST IN SIDEWALK

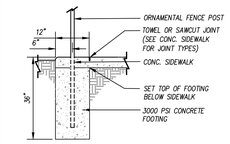
FENCE POST ANCHORING N.T.S.



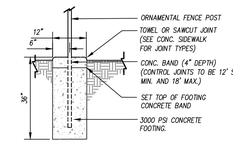
FENCE SECTION ELEVATION



GATE ELEVATION – PEDESTRIAN



FENCE POST IN SIDEWALK

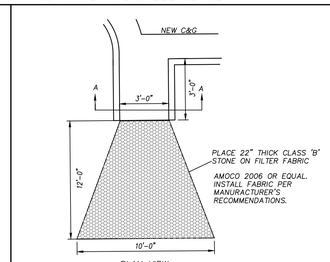


FENCE IN CONCRETE BAND

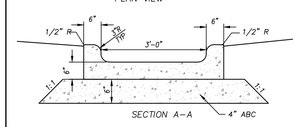
FENCE AND GATE NOTES:

1. SEE STAKING PLAN FOR PRE–K PANIC HARDWARE IF APPLICABLE, SEE SPEC SECTION 323119 FOR ADDITIONAL INFORMATION. ALL FENCING SHALL HAVE A SECURING LATCH FOR TIME WERE STUDENT OCCUPY THE SPACE IN ADDITION TO THE PANIC HARDWARE.
2. REFER TO SPECIFICATION SECTION 323119 FOR ASSEMBLY AND MATERIALS OR PER MANUFACTURES RECOMMENDATIONS.
3. ALL BOLTS SHALL BE CUT FLUSH TO NUT AND PAINTED TO MATCH FENCE.
4. GATES WIDER THAN 5'–0" SHALL BE DOUBLE.
5. ALL FENCING FOR PRE–K MUST COMPLY WITH NC GENERAL STATUTE 110–91(6) AND CHILD CARE RULE .0605
6. FENCE PICKETS MUST BE LESS THAN 3–1/2"
7. BOTTOM RAIL SHALL BE NO GREATER THAN 2" FROM THE FINISHED GRADE.
8. FENCE SHALL BE AMERSTAR MONTAGE PLUS (COMMERCIAL GRADE) IN BLACK OR APPROVED EQUAL.

ORNAMENTAL STEEL FENCE N.T.S.

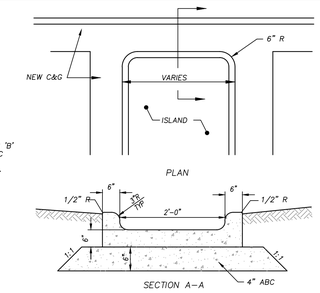


PLAN VIEW



SECTION A–A

CONCRETE CHANNEL AT END OF PARKING LOT



SECTION A–A

CONCRETE CHANNEL AT ISLAND

NOTES:

1. ALL CONCRETE SHALL BE 3,000 P.S.I.
2. CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS, SPACING MAY BE INCREASED TO 15' IF MACHINE IS USED.
3. CONTRACTION JOINTS SHALL BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1–1/2" SHALL BE OBTAINED.
4. ALL JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER.

CONCRETE FLUME 2 N.T.S.

RAMPS DEVELOPED IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA)

THE WALKING SURFACE SHALL BE SLIP RESISTANT. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE OF CONTRASTING COLOR TO SIDEWALK.

NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 1"/FT (12:1) IN RELATIONSHIP TO THE GRADE OF THE STREET. SEE GRADING FOR ADDITIONAL INFORMATION.

NO RAMPS OR SIDEWALK SHALL BE LESS THAN 48" WIDE. REFER TO STAKING SHEETS FOR ALL SIDEWALK AND RAMP WIDTHS.

ALL CONCRETE SHALL BE 4,000 PSI @ 28 DAYS.

CURB RAMPS SHALL BE PARALLEL TO THE DIRECTION OF TRAVEL.

EXPANSION JOINTS SHALL BE INSTALLED FULL DEPTH WHEN EVER IT ABUTS EXISTING OR CURB AND GUTTER

CROSS SLOPE NOT TO EXCEED 2% ON ANY PORTION OF RAMP OR TRANSITION TO STREET.

NO RAMP SHALL EXCEED 8.33% (12:1) SLOPE.

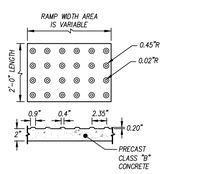
CROSS SLOPE SHALL BE MAX 2%

ALL RAMPS SHALL HAVE A 4' MIN. LANDING WITH A MAX SLOPE OF 2% WERE PEDESTRIANS PERFORM TURNING. ENSURE TO PITCH TOWARDS GUTTER.

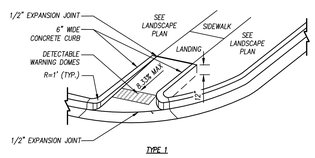
DETECTABLE DOMES SHALL BE INSTALL AT FULL WIDTH OF RAMP.

SEE CONCRETE SIDEWALK DETAIL FOR ADDITIONAL INFORMATION.

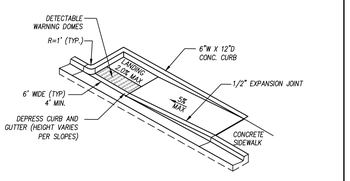
DOMES SUBMITTAL SHALL BE SUBMITTED TO DESIGN TEAM PRIOR TO INSTALLATION FOR COLOR SELECTION.



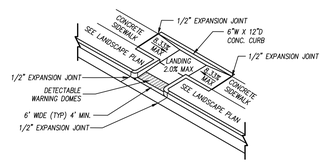
DETECTABLE WARNING DOMES



TYPE 1

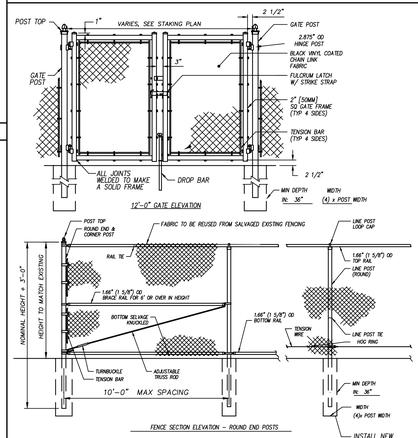


TYPE 2



TYPE 3

ACCESSIBLE CURB RAMPS N.T.S.

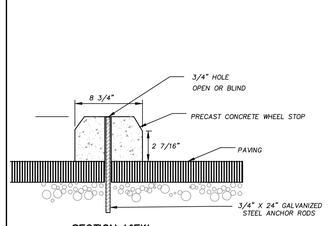


END & CORNER POST TOP	TOP & BOTTOM FABRIC
DOME	KNUCKLE

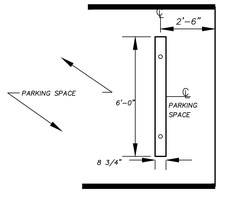
BOLTS ON ALL FENCE SHALL BE CUT FLUSH WITH NUT. NO SHARP PROTRUDING EDGES.

SEE SPECS FOR ADDITIONAL INFORMATION.

BLACK VINYL COATED CHAIN LINK FENCE AND GATE N.T.S.



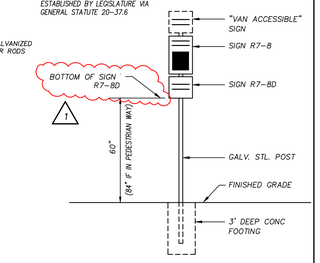
SECTION VIEW



90° PARKING SPACE PLAN VIEW

PRE–CAST CONCRETE WHEELSTOPS

NOTE: MAXIMUM PENALTY ($250) IS ESTABLISHED BY LEGISLATURE VIA GENERAL STATUTE 20–37.6



ALL SIGNS SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SPECIFICATIONS AND REQUIREMENTS

ACCESSIBLE PARKING SIGNAGE

ACCESSIBLE PARKING SIGNAGE AND CONCRETE WHEELSTOP N.T.S.

Town of Clayton
Planning Department

Planning Director:

Official Document

This document has been reviewed by the Town of Clayton and to the best of our knowledge and belief, conforms to all laws, ordinances, policies and specifications that are applicable. Approval by the Town shall not relieve the Applicant and/or Design Professional from the responsibility for adequacy of design, or for errors or omissions in the plans and specifications and meeting all applicable standards and regulations.

boomerang DESIGN
rethink, repurpose, results

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Fax: (919)319–7516
LA: C–106, PE: C–1595

COOPER ACADEMY A & R

PROJECT TITLE

"CLIENT'S PROJECT" # - XXX

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REVISIONS

NO.	DATE	DESCRIPTION
1	2/27/2024	ADDENDUM #2

BID DOCUMENTS

PROJECT PHASE

2307

BOOMERANG DESIGN PROJECT NUMBER

02.07.24

DRAWING RELEASE DATE

DETAILS

SHEET TITLE

C704

SHEET