



City of Canton

Overlay Zone Community Standards Ordinance



Prepared for:

City of Canton, Georgia

Prepared by:

PBSJ

Post, Buckley, Schuh & Jernigan

EXHIBIT A of the Overlay Zone Community Standards Ordinance

June 27, 2002



Overlay Zone Community Standards Ordinance

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ORDINANCE OF THE CITY OF CANTON
OVERLAY ZONE COMMUNITY STANDARDS

WHEREAS, the City of Canton is authorized by the constitution of the State of Georgia to adopt rules, regulations, laws, and ordinances protecting the public health, safety and welfare of the citizens of the City, and

WHEREAS, the Mayor and the City Council in 2001 adopted a Resolution to create the Overlay District by establishing Priority Corridors and Intersections of Influence and further created an Oversight Committee for the purpose to review certain community standards within the established corridors and intersections, and

WHEREAS, the Oversight Committee has prepared and is made a part of this ordinance as Exhibit A, specific standards and regulations which will hence forth govern the landscape and signage of all development within the established corridors and intersections, and

WHEREAS, the City of Canton Planning and Zoning Department shall make available to the public, at a reasonable cost, copies of the new regulations established to enhance the community standards of the city so as to establish a consistent and compatible built environment and to protect the investment of the community at large, and

WHEREAS, by adoption of this ordinance and the accompanying Exhibit A, shall be the standards imposed for development in the designated corridors and intersections in addition to the already established codes, which govern development and construction within the city limits of Canton.

NOW THEREFORE, be it ordained by the Mayor and Council of the City of Canton, Georgia that the community standards including landscape, streetscape and signage are hereby established for the Priority Corridors and the Intersections of Influence

On this _____ day of June, 2002

Cecil Pruett, Mayor



How to Use This Handbook:

This Handbook has been designed to guide the Property Owner or Developer through the guidelines for the 10' Landscape Buffer required within the designated Priority Corridors and Intersections of Influence in the City of Canton, Georgia. The requirements and provisions set forth in this document shall be administered by the City of Canton Mayor's Staff.

The first Section of this Handbook includes a Streetscape Overlay Zone Location Map. Begin by locating your property on this map. Each Corridor has been assigned its own pattern, these are explained in the legend. Within each Corridor there are Zones. These Zones are one of four distinct classifications shown by a shape, also explained in the legend.



Fourteen intersections along these corridors have been designated as Intersections of Influence. If the property is located near an intersection labeled with a circle, you will look forward into the Intersections of Influence section. Within this section are fourteen maps showing the land parcels in proximity to each intersection. Use these maps to determine whether your property is located within an Intersections of Influence zone.

Once you have located the property, refer to the Zone Chart on page 3. This chart outlines the requirements of the Property Owner and of the City of Canton in accordance with the 10' Landscape Buffer.

Next, look forward to the appropriate section, either Priority Corridors or Intersections of Influence. Within each section are graphic plans showing the typical location of the zone's required elements. Before and After images are also located in each section. These models may be used as references for the Property Owner when designing their site plan or improvements.





The last two sections, Site Furnishings and Landscape Specifications, are to be used as guides for the installation of lights, sidewalks and landscape plantings. Cross reference the Lighting Map and Sidewalk Treatment Map, located in this section, to verify the Lighting and Sidewalk improvements specified along each land parcel. Appendix A provides specific site furnishing's manufacturer specifications and visual references. Any deviation from the specified streetscape furnishings must be approved by the City of Canton Mayor's Staff.

If you have any questions regarding the contents or use of this Ordinance, please contact the City of Canton at 770-704-1520.

ZONE *1	ZONE APPLICATION PROTOTYPE PLAN *8	DEVELOPER REQUIREMENTS									CITY OF CANTON REQUIREMENTS				
		CURB AND GUTTER	SIDEWALK WIDTH	SIDEWALK TREATMENT *6	10' LANDSCAPE BUFFER						TRASH RECEPTACLE *10	BENCH *10	BUS SHELTER *10	LIGHTS	
					STREET TREE		UNDERSTORY TREES		SHRUBS					TYPE *10	SPACING
					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
MAIN ST / CUMMING HWY CORRIDOR (TRANSIT ZONE)															
	HISTORIC	24" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE W/ PAVER BAND	RED MAPLE	35'-45'	S	3	S	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS-68	A	100' O.C. +/-
	LARGE SCALE / MIXED-USE DEVELOPMENT	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	SUGAR MAPLE 'LEGACY' OR 'GREEN MTN'	55'-65'	L	2	L	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS-68	B	140' O.C. +/-



- *1. Refer to Overlay **ZONE MAP (pg.2)** for zone locations and limits.
- *2. The number of understory trees indicated shall be provided for each street tree required.
- *3. 30% of total required understory trees are to be evergreen.
- *4. 70% of total required shrubs to be evergreen.
- *5. Reference the **PLANT SCHEDULE (pg. 40)**
(L) choose from Large Scale Plant List / (S) choose from Small Scale Plant List: Other plant species must be approved by City.
- *6. Average paver band spacing is 20' O.C. Refer to **Light Placement and Sidewalk Details (pg. 35)**.
- *7. Street tree quantities are to be calculated by dividing the total linear feet of each parcel's roadway frontage by the specified tree spacing. Applies only to that frontage along any specified Priority Corridor or Intersection of Influence.
- *8. Those developing in **HISTORIC - LCI** Districts should reference the Liveable Centers Initiative -Guidelines for Development.
- *9. Ground coverage is equal to the specified percentage of total area (square feet) occupied by Landscape Buffer, including those areas where the Buffer is occupied by curb cuts and drives.
- *10. Reference the Site Furnishings Section and **Appendix A** for specifications associated with these furnishings.

MAIN STREET / CUMMING HIGHWAY
ZONE CHART

ZONE *1	ZONE APPLICATION PROTOTYPE PLAN *8	DEVELOPER REQUIREMENTS									CITY OF CANTON REQUIREMENTS				
		CURB AND GUTTER	SIDEWALK WIDTH	SIDEWALK TREATMENT *6	10' LANDSCAPE BUFFER						TRASH RECEPTACLE *10	BENCH *10	BUS SHELTER *10	LIGHTS	
					STREET TREE		UNDERSTORY TREES		SHRUBS					TYPE *10	SPACING
					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
HICKORY FLAT / SR 140 CORRIDOR															
	HISTORIC - LCI	24" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE W/ PAVER BAND	RED MAPLE	55'-65'	S	2	S	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	N / A	C	140' O.C. +/-
	HISTORIC - LCI	24" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE W/ PAVER BAND	WILLOW OAK	55'-65'	S	2	S	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	N / A	C	140' O.C. +/-
	LARGE SCALE / MIXED-USE DEVELOPMENT	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	SCARLET OAK	55'-65'	L	2	L	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	N / A	B	140' O.C. +/-
	RESIDENTIAL	24" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	SCARLET OAK	55'-65'	S	2	S	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	N / A	B	140' O.C. +/-


- *1. Refer to Overlay **ZONE MAP (pg.2)** for zone locations and limits.
- *2. The number of understory trees indicated shall be provided for each street tree required.
- *3. 30% of total required understory trees are to be evergreen.
- *4. 70% of total required shrubs to be evergreen.
- *5. Reference the **PLANT SCHEDULE (pg. 40)**
(L) choose from Large Scale Plant List / (S) choose from Small Scale Plant List: Other plant species must be approved by City.
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- *8. Those developing in **HISTORIC - LCI** Districts should reference the Liveable Centers Initiative -Guidelines for Development.
- *9. Ground coverage is equal to the specified percentage of total area (square feet) occupied by Landscape Buffer, including those areas where the Buffer is occupied by curb cuts and drives.
- *10. Reference the Site Furnishings Section and **Appendix A** for specifications associated with these furnishings.

**HICKORY FLAT / SR 140
ZONE CHART**

ZONE *1	ZONE APPLICATION PROTOTYPE PLAN *8	DEVELOPER REQUIREMENTS									CITY OF CANTON REQUIREMENTS				
		CURB AND GUTTER	SIDEWALK WIDTH	SIDEWALK TREATMENT *6	10' LANDSCAPE BUFFER						TRASH RECEPTACLE *10	BENCH *10	BUS SHELTER *10	LIGHTS	
					STREET TREE		UNDERSTORY TREES		SHRUBS					TYPE *10	SPACING
					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
WALESKA ST CORRIDOR (TRANSIT ZONE)															
	HISTORIC - LCI	24" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE W/ PAVER BAND	RED MAPLE	35'-45'	S	3	S	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS 68	C	140' O.C. +/-
	SMALL SCALE COMMERCIAL / OFFICE PROFESSIONAL	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	SUGAR MAPLE 'LEGACY' OR 'GREEN MTN'	35'-45'	S	3	S	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS 68	B	140' O.C. +/-


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- *9. Ground coverage is equal to the specified percentage of total area (square feet) occupied by Landscape Buffer, including those areas where the Buffer is occupied by curb cuts and drives.
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**WALESKA STREET
ZONE CHART**

ZONE *1	ZONE APPLICATION PROTOTYPE PLAN *8	DEVELOPER REQUIREMENTS									CITY OF CANTON REQUIREMENTS				
		CURB AND GUTTER	SIDEWALK WIDTH	SIDEWALK TREATMENT *6	10' LANDSCAPE BUFFER						TRASH RECEPTACLE *10	BENCH *10	BUS SHELTER *10	LIGHTS	
					STREET TREE		UNDERSTORY TREES		SHRUBS					TYPE *10	SPACING
					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
REINHARDT COLLEGE HWY CORRIDOR															
	LARGE SCALE / MIXED-USE DEVELOPMENT	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	BLACK TUPELO	55'-65'	L	2	L	30%	N / A	N / A	N / A	B	140' O.C. +/-



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REINHARDT COLLEGE PARKWAY
ZONE CHART


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					STREET TREE		UNDERSTORY TREES		SHRUBS						TYPE *10	SPACING
					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9						
SR 20 / KNOX BRIDGE CORRIDOR																
	SMALL SCALE COMMERCIAL / OFFICE PROFESSIONAL	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	TULIP - TREE	55'-65'	L	3	L	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	N / A	B	140' O.C. +/-	

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SR 20 / KNOX BRIDGE
ZONE CHART



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					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
STATE ROUTE 5 CORRIDOR (TRANSIT ZONE)															
	SMALL SCALE COMMERCIAL / OFFICE PROFESSIONAL	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	PIN OAK	35'-45'	L	2	L	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS-68	B	140' O.C. +/-
	LARGE SCALE / MIXED-USE DEVELOPMENT	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	PIN OAK	55'-65'	L	2	L	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS-68	B	140' O.C. +/-

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					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
EASTSIDE PARKWAY (Proposed) CORRIDOR															
	LARGE SCALE / MIXED-USE DEVELOPMENT	30" Concrete Curb & Gutter	4' Grassed Strip 6' Walk	CONCRETE - 20' O.C. Expansion Joints	LACEBARK ELM	55'-65'	L	2	L	30%	N / A	N / A	N / A	C	140' O.C. +/-

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**EASTSIDE PARKWAY
ZONE CHART**

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					STREET TREE		UNDERSTORY TREES		SHRUBS					TYPE *10	SPACING
					SPECIES *5	SPACING: MIN - MAX *7	SPECIES *3, *5	# PER STREET TREE *2	SPECIES *4, *5	GROUND COVERAGE *9					
INTERSECTIONS OF INFLUENCE															
	MINOR	Reference Corresponding Zone	4' Grassed Strip - 6' Walk	CONCRETE - 20' O.C. Expansion Joints	GINGKO Male Only	45'	NO UNDERSTORY TREES AT INTERSECTIONS	(S) Under 36" Mature Height	30%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS-68	B	140' O.C. +/-	
	MAJOR	Reference Corresponding Zone	4' Grassed Strip - 6' Walk	CONCRETE - 20' O.C. Expansion Joints	GINGKO Male Only			(S) Under 36" Mature Height	40%	VICTOR STANLEY SD-42	VICTOR STANLEY RB-12	BIG ENTERPRISES TS-68	B	140' O.C. +/-	

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- *2. The number of understory trees indicated shall be provided for each street tree required
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INTERSECTIONS OF INFLUENCE
ZONE CHART

LEGEND

Corridor Location Patterns

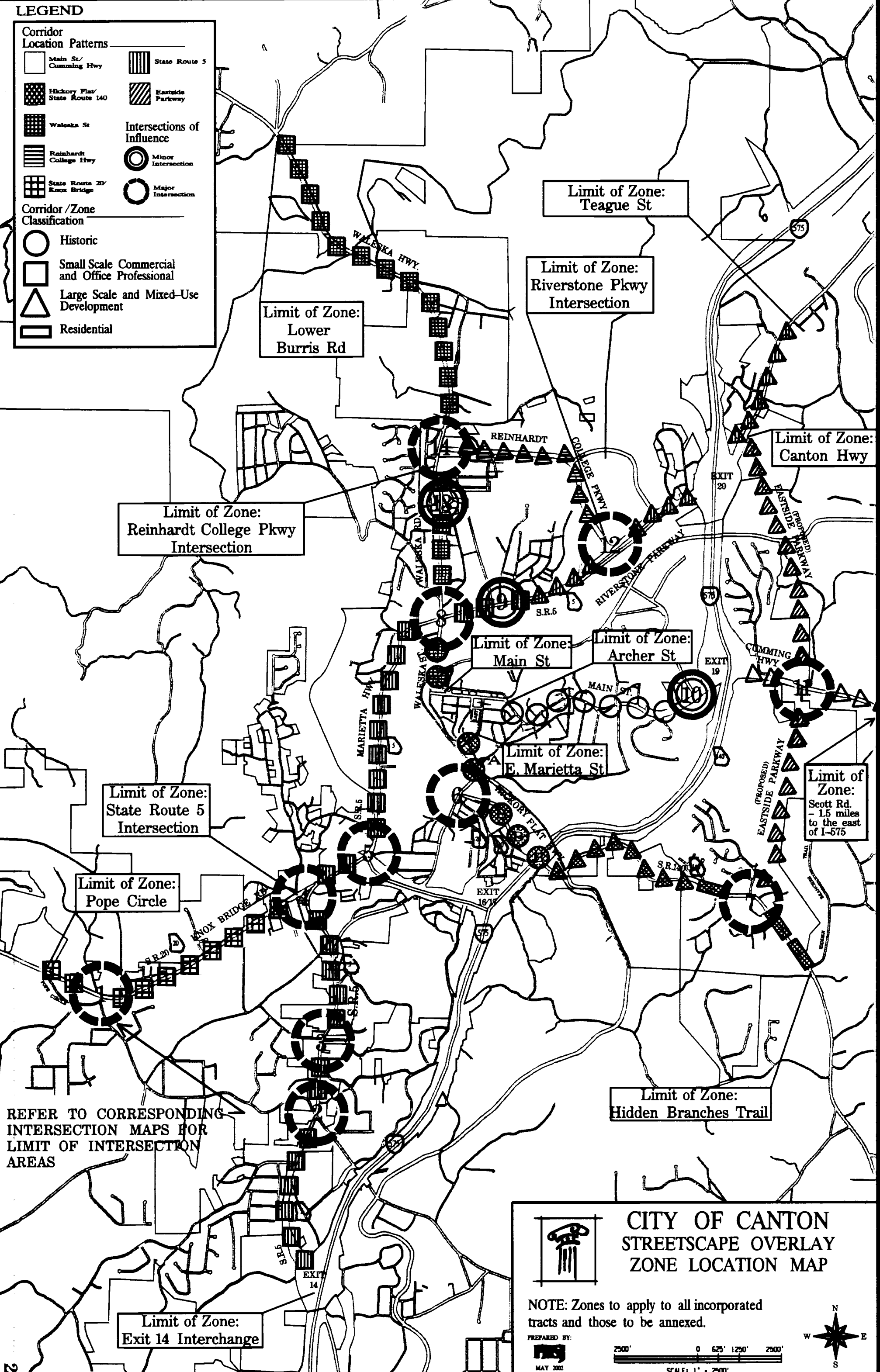
- Main St/ Cumming Hwy
- Hickory Flat/ State Routes 140
- Waleska St
- Reinhardt College Hwy
- State Route 21/ Knox Bridge
- State Route 5
- Eastside Parkway

Intersections of Influence

- Minor Intersection
- Major Intersection

Corridor /Zone Classification


- Historic
- Small Scale Commercial and Office Professional
- Large Scale and Mixed-Use Development
- Residential



REFER TO CORRESPONDING INTERSECTION MAPS FOR LIMIT OF INTERSECTION AREAS


CITY OF CANTON
STREETSCAPE OVERLAY
ZONE LOCATION MAP

NOTE: Zones to apply to all incorporated tracts and those to be annexed.

PREPARED BY:  MAY 2002

SCALE: 1" = 2500'

2500' 0 625' 1250' 2500'

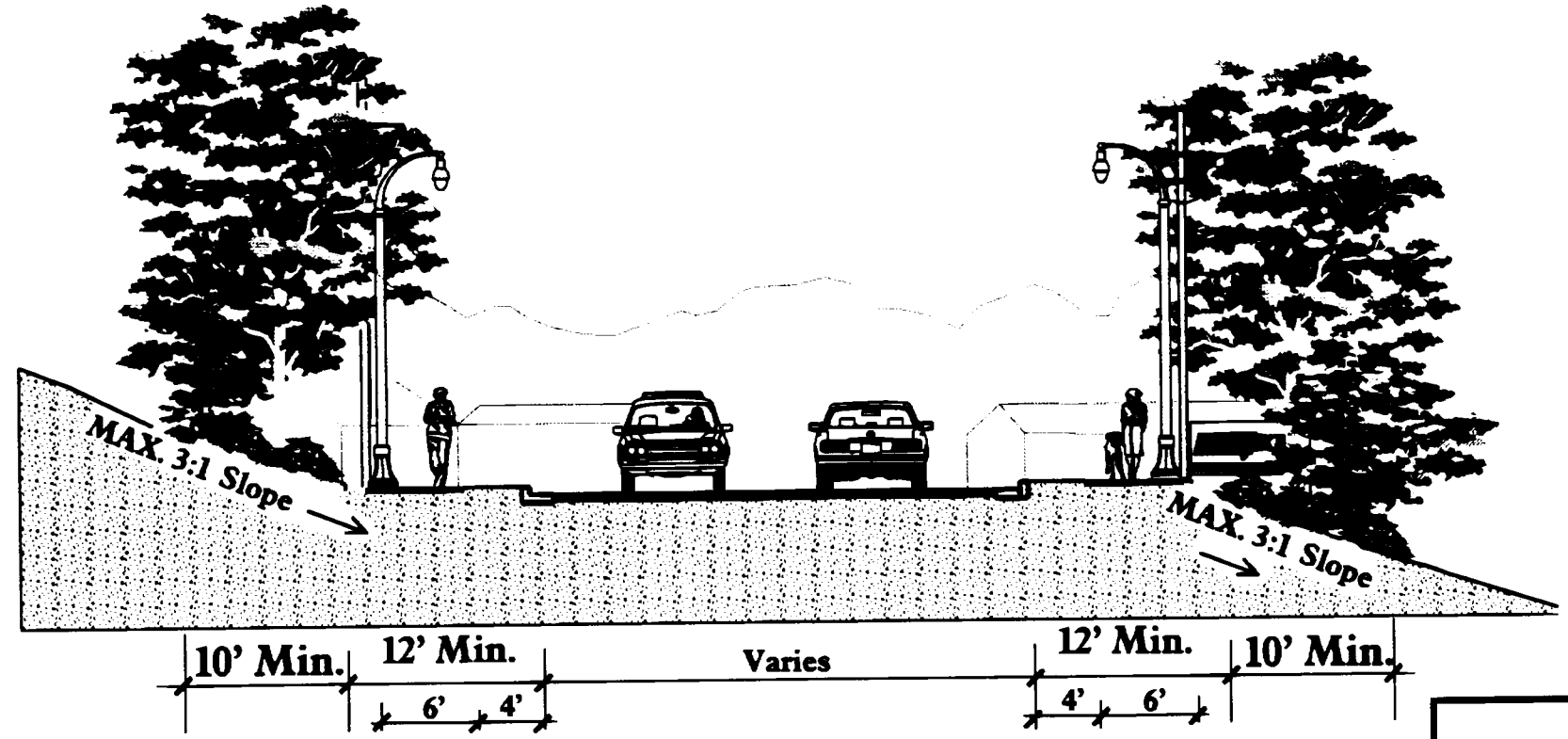
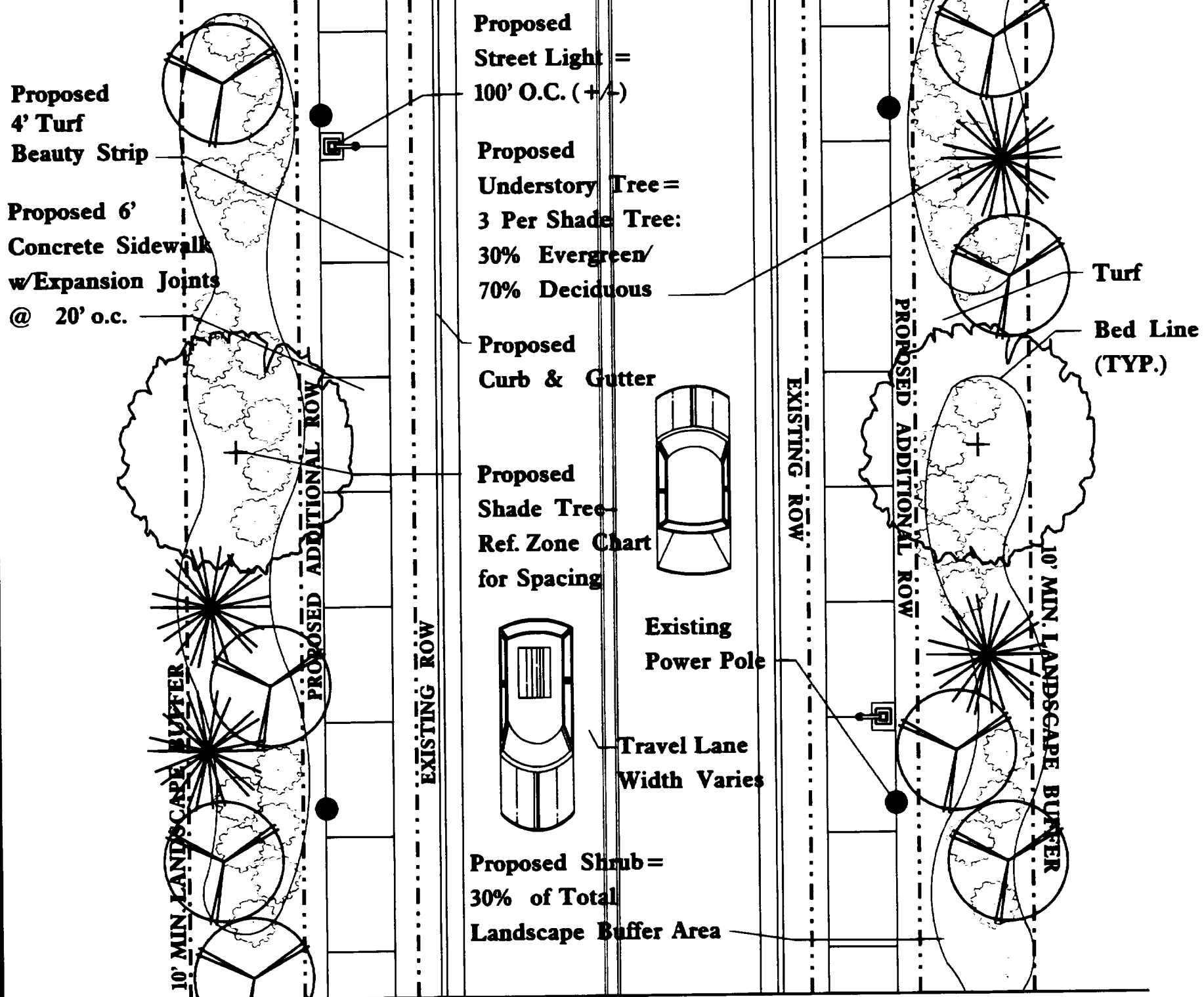
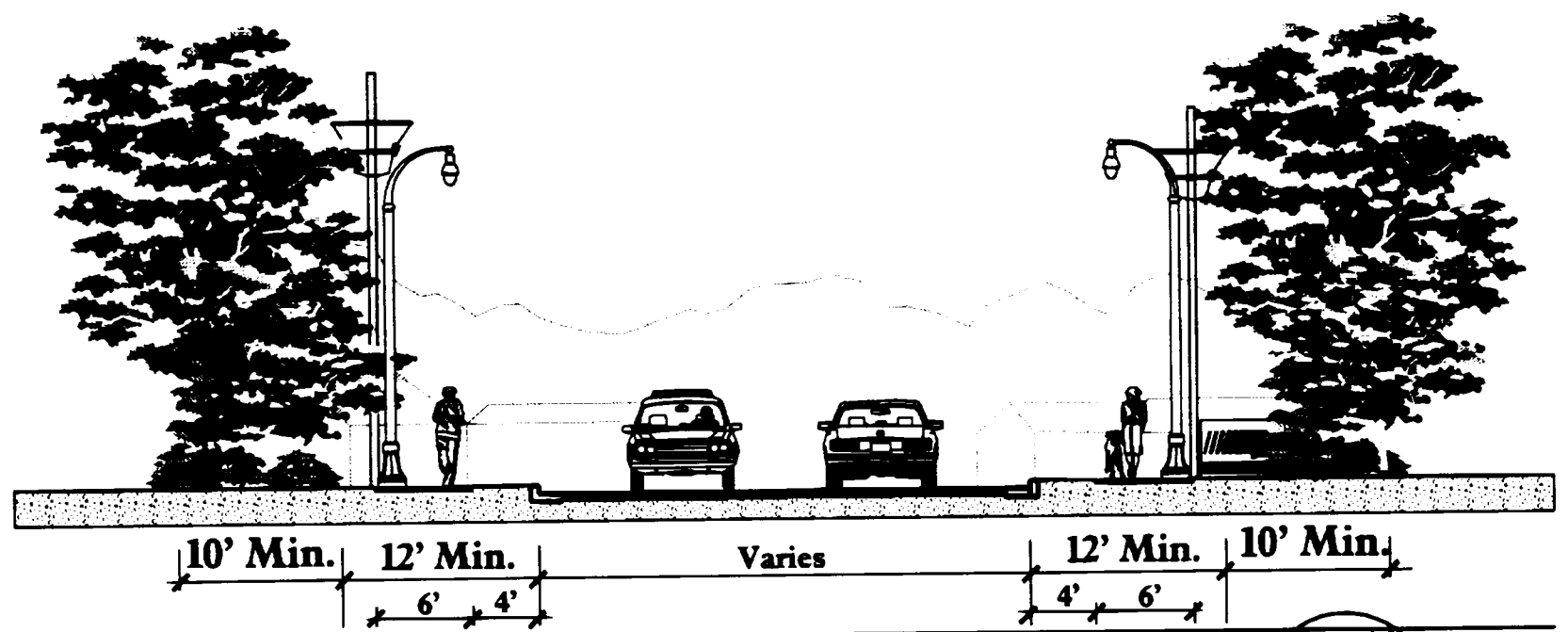




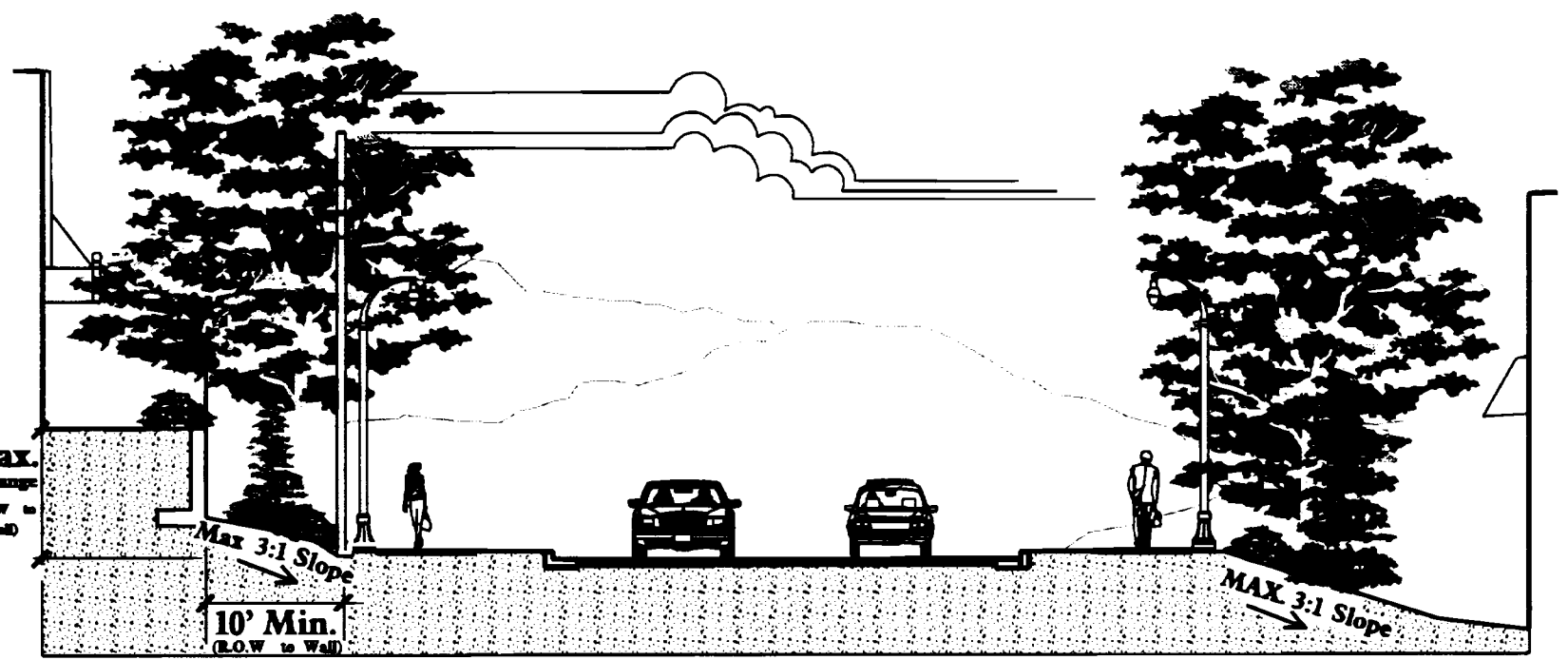
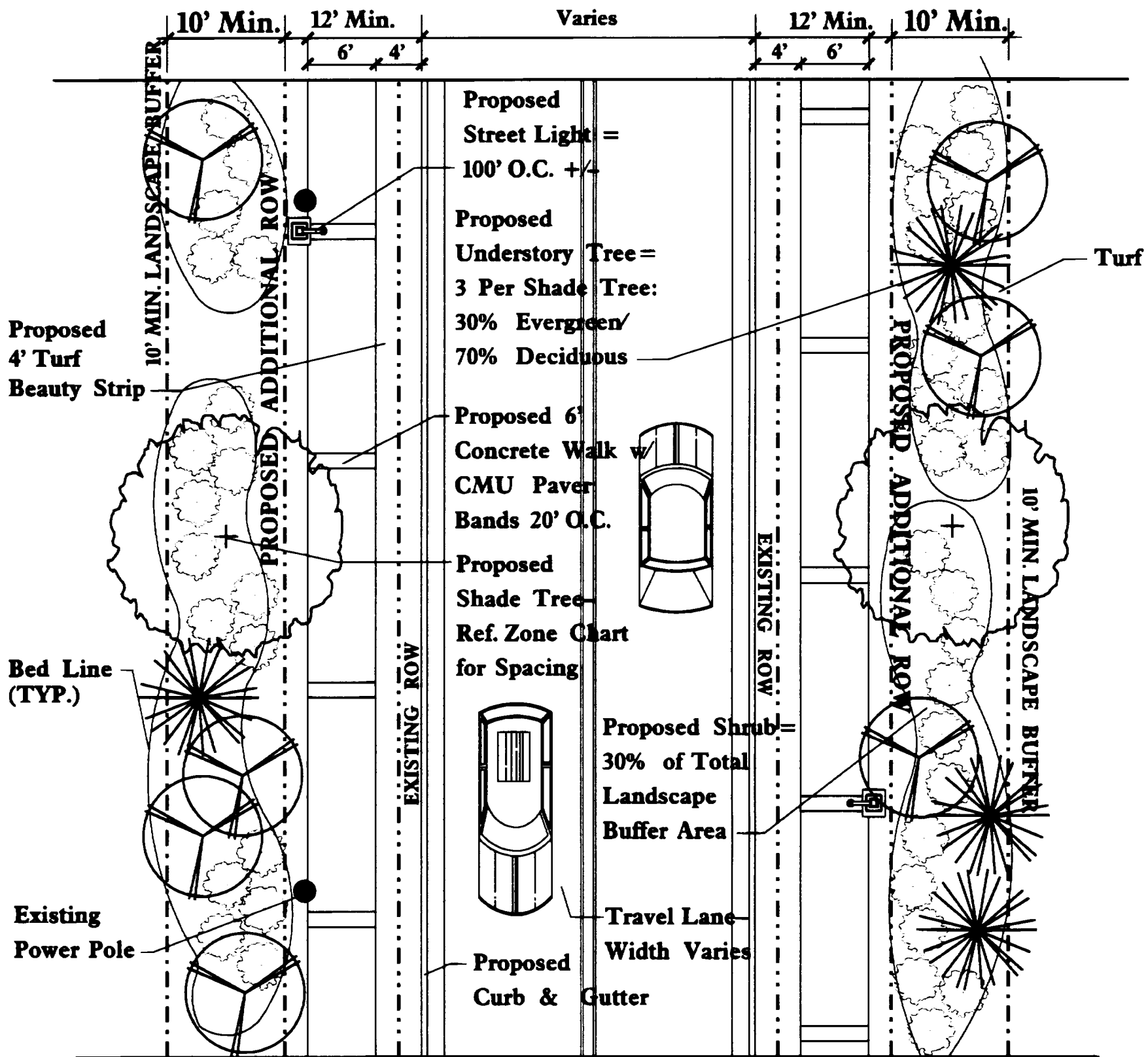
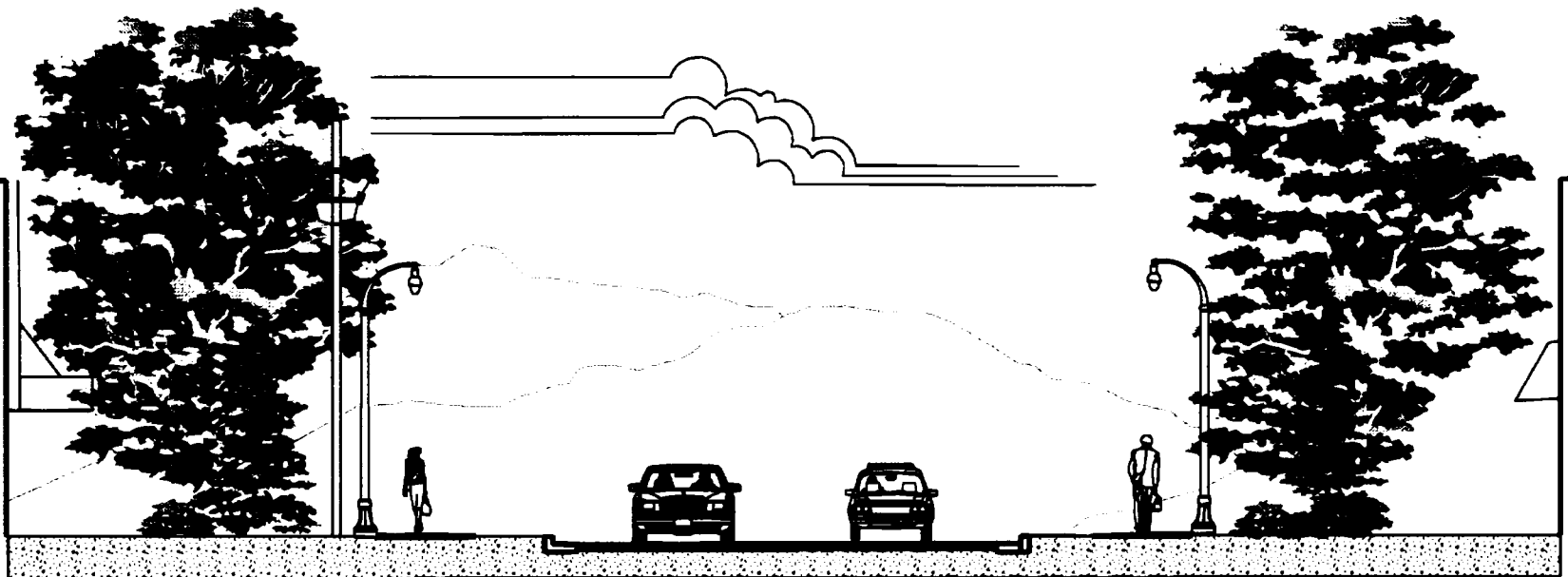
Priority Corridors

- The Priority Corridors are designated as one of four classification types: Residential, Historic, Small Scale Commercial/ Office Professional and Large Scale Mixed-Use.**
- Typical plans and sections provided for each classification show the elements required within each classification type.**
- Before and After Models have been provided showing the application of the 10' Landscape Buffer and its affect on the aesthetics of these corridors.**

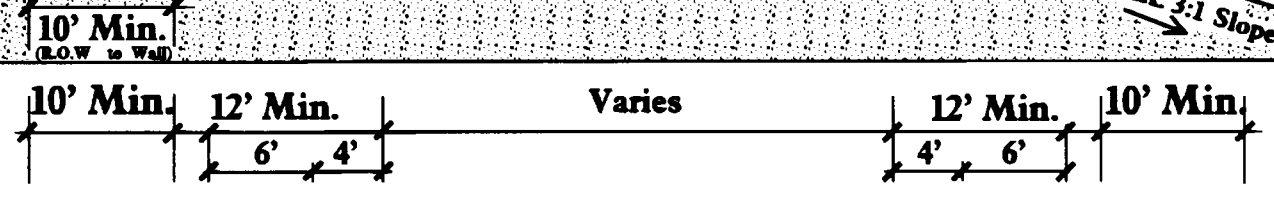
RESIDENTIAL ZONE - TYPICAL PROPOSED CONDITIONS
THE CITY OF
CANTON, GEORGIA



HISTORIC ZONE - TYPICAL PROPOSED CONDITIONS
THE CITY OF
CANTON, GEORGIA

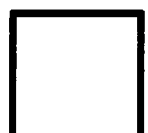
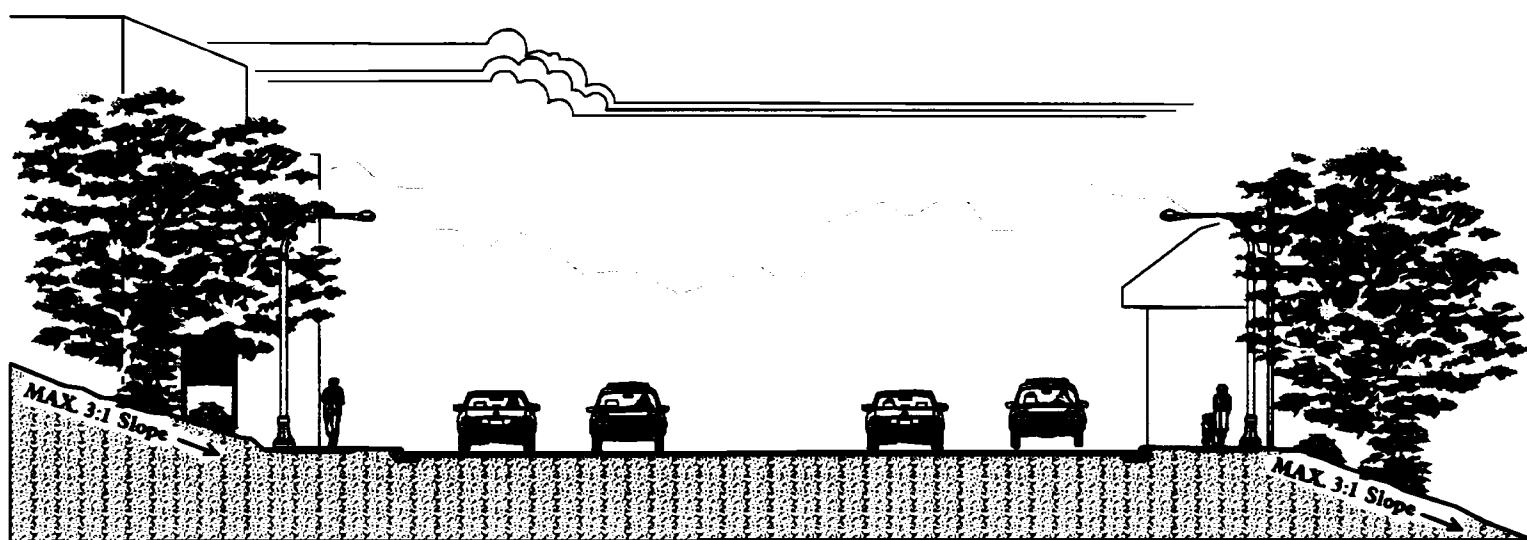
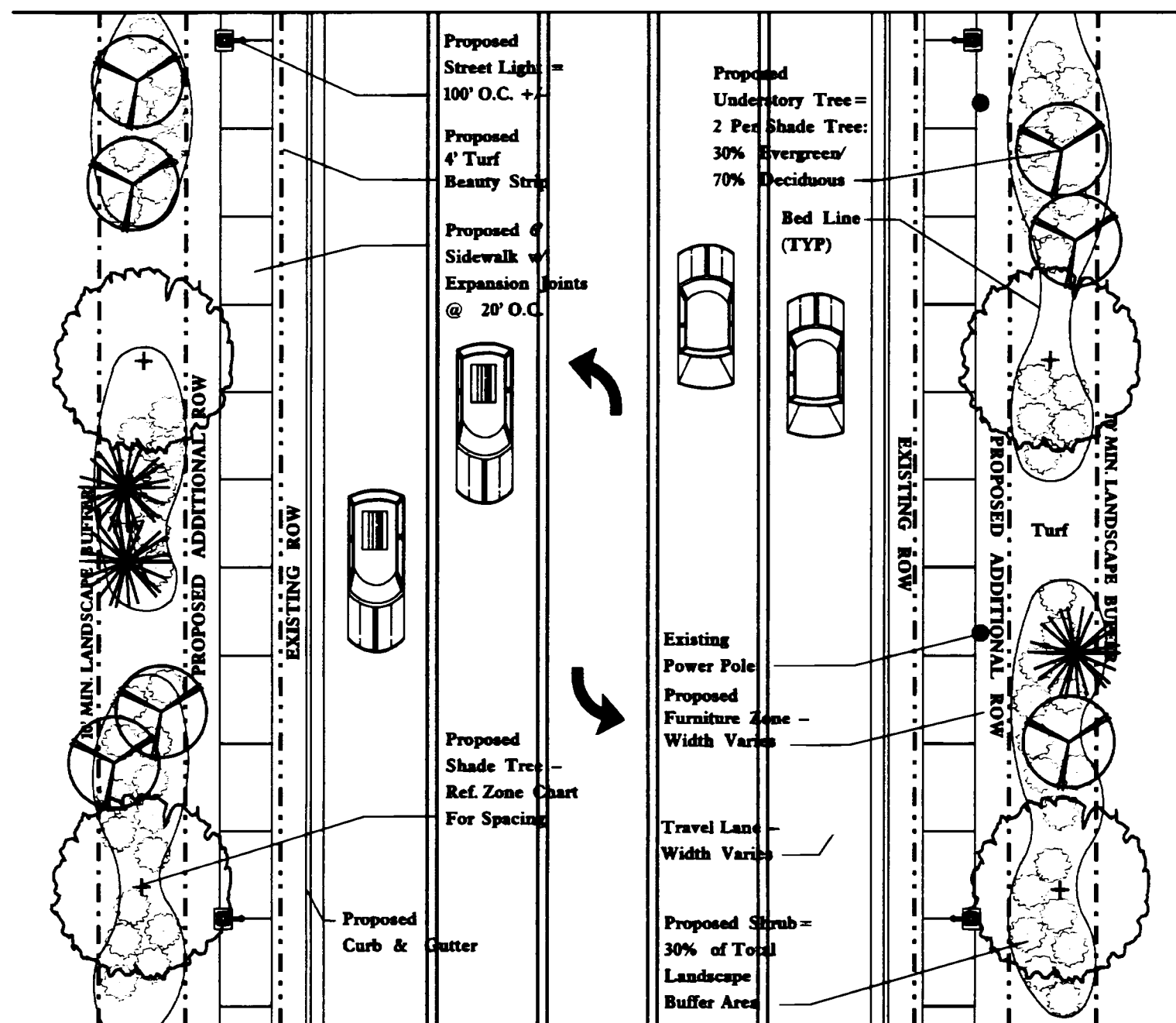
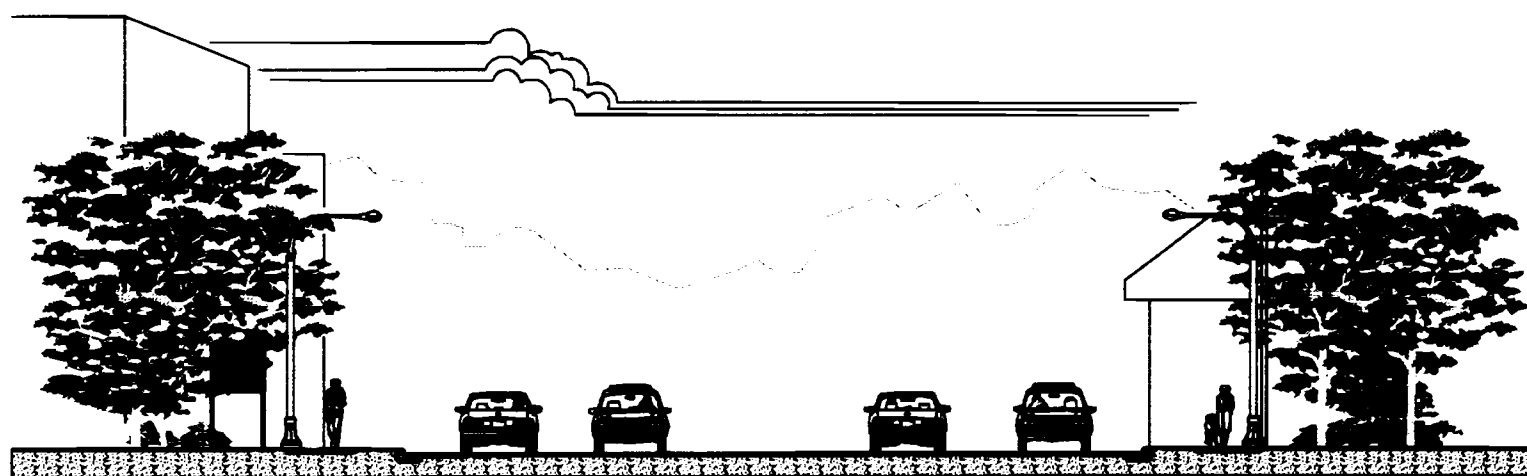


10' Max. Grade Change (From R.O.W. to Top of Wall)



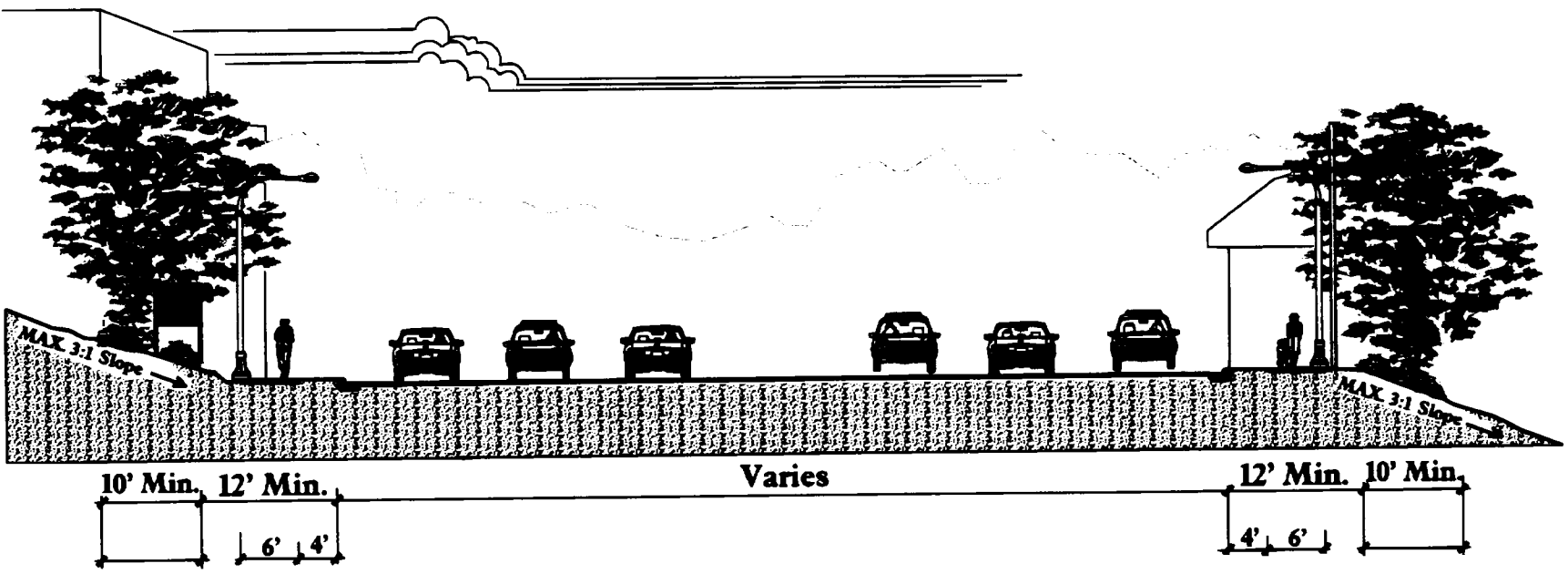
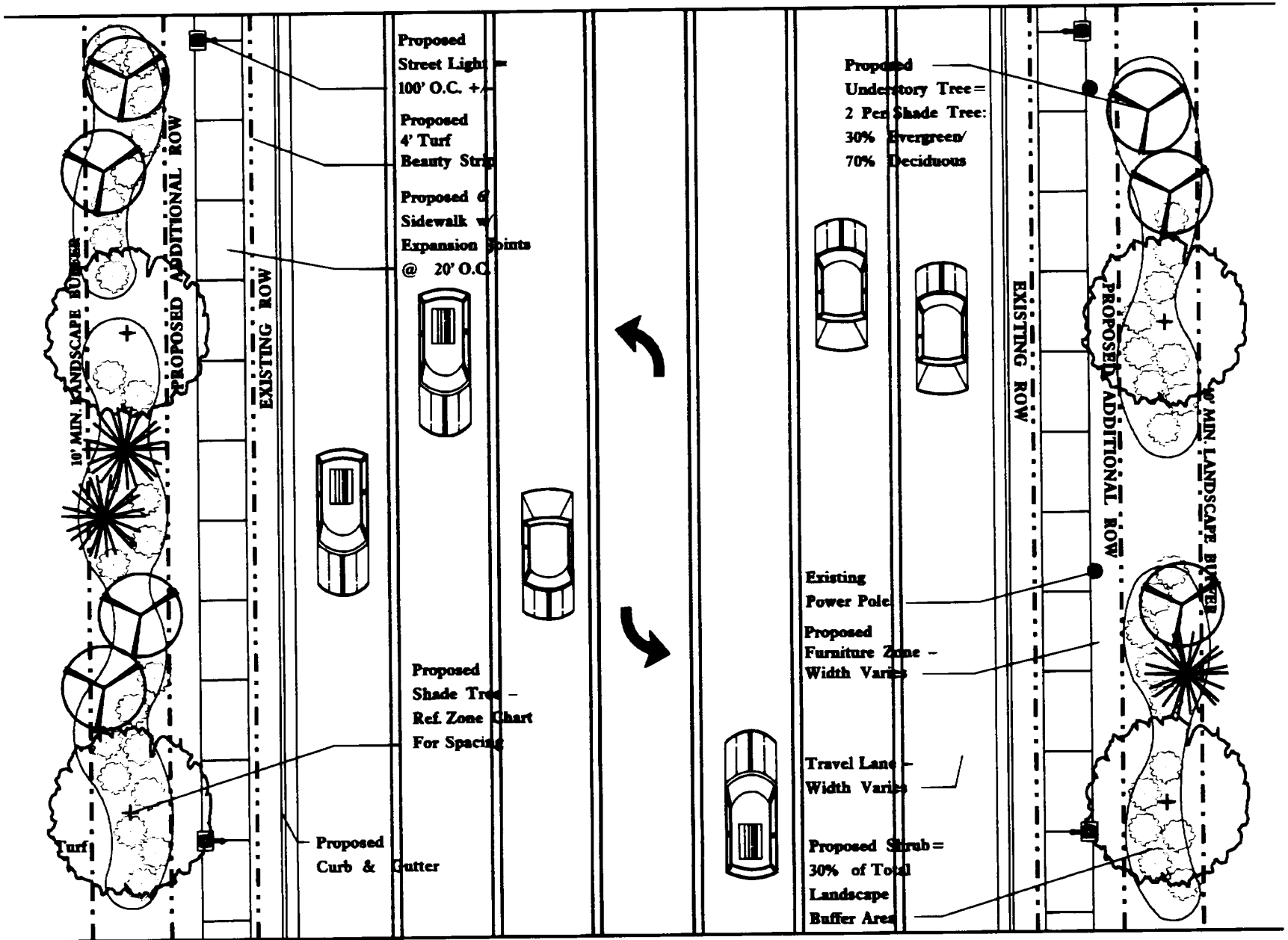
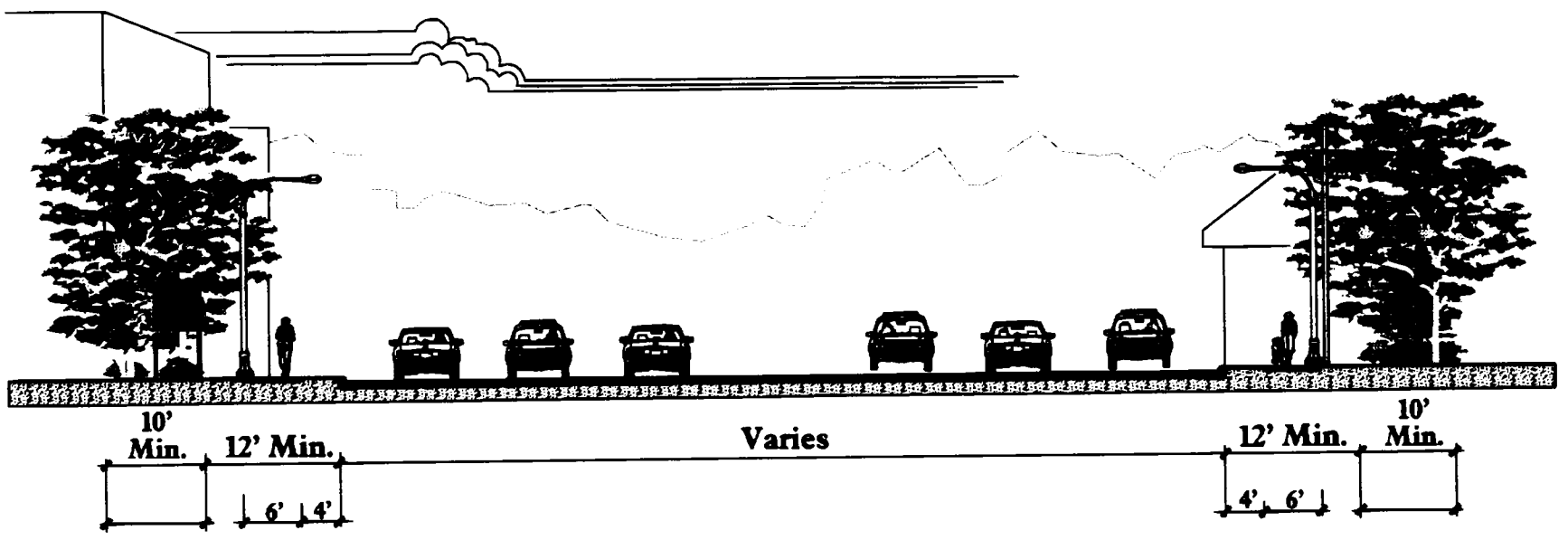


SMALL SCALE COMMERCIAL/OFFICE PROFESSIONAL ZONE - TYPICAL PROPOSED CONDITIONS
THE CITY OF
CANTON, GEORGIA





LARGE SCALE / MIXED-USE DEVELOPMENT ZONE - TYPICAL PROPOSED CONDITIONS
THE CITY OF
CANTON, GEORGIA



**RIVERSTONE PARKWAY - STATE ROUTE 5
LARGE SCALE MIXED-USE DEVELOPMENT
EXISTING**



**RIVERSTONE PARKWAY
PROPOSED**

**STATE ROUTE 5 – Business
SMALL SCALE COMMERCIAL/ OFFICE PROFESSIONAL
EXISTING**



**STATE ROUTE 5-Business
PROPOSED**



**HICKORY FLAT HWY.
SMALL SCALE COMMERCIAL/ OFFICE PROFESSIONAL
EXISTING**



**HICKORY FLAT HWY.
PROPOSED**



Intersections of Influence

- **Zone Limit Maps** have been provided to aid property Owners in determining their proximity to an **Intersection of Influence**.
- **All properties** having any portion of their total roadway frontage lying within the **Intersections of Influence Zone** shall comply with the **Intersections of Influence Guidelines** within that portion.
- **The Zone Location Map** or the individual **Zone Limit Maps** should be referenced to determine whether a property lies within a **Major or Minor Intersection**. Reference the **Zone Chart** for the requirements of **Major and Minor Intersections**.
- **Major and Minor Intersections** are determined by the corresponding **Roadway Classification** associated with the intersecting roadways. Refer to **Appendix B** for these classifications. The **City of Canton** may make additions or changes to these definitions without prior notice.
- A typical plan of both a developed property and an undeveloped property are provided. These plans graphically show the various limits within the **Intersections of Influence Zone** and other required elements associated with the **10' Landscape Buffer**. **Before and After Models** are included for both a developed property and an undeveloped property.

■■■■ ROADWAY FRONTAGE TO FOLLOW
INTERSECTION GUIDELINES

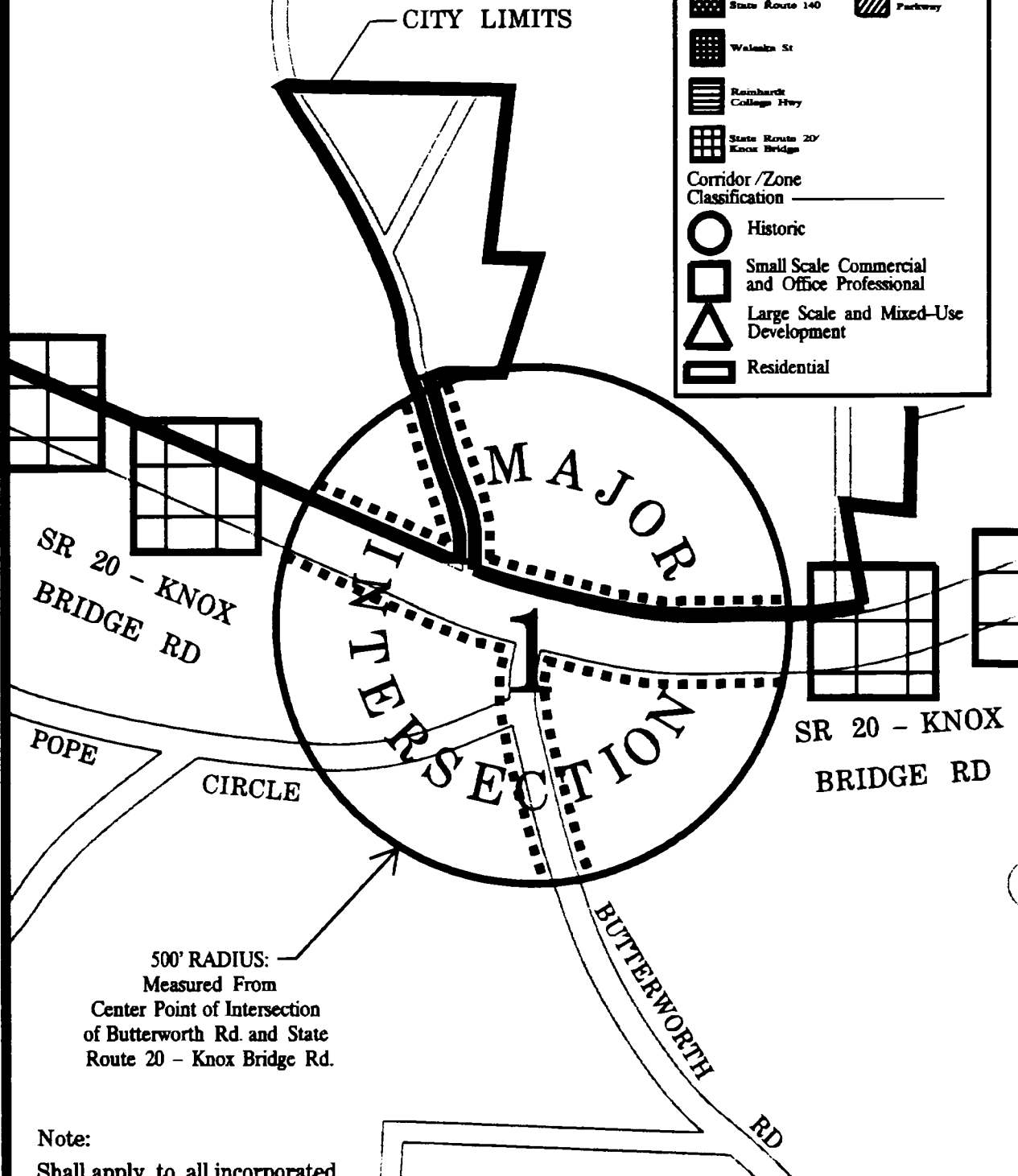
LEGEND

Corridor Location Patterns

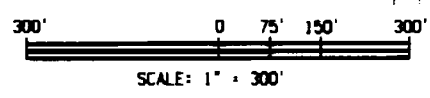
	Main St/Connecting Hwy		State Route 5
	Hickory Flat/State Route 140		Eastside Parkway
	Walnut St		
	Rainhardt College Hwy		
	State Route 20/Knox Bridge		

Corridor/Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential



Note:
Shall apply to all incorporated
tracts and those to be annexed.



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.1

PREPARED BY: MAY 2011

LEGEND

Corridor Location Patterns	
	Main St/ Carmichael Hwy
	State Route 5
	Hickory Flat/ State Route 140
	Eastside Parkway
	Waleska St
	Reinhardt College Hwy
	State Route 20 Knox Bridge

Corridor /Zone Classification	
	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

--- ROADWAY
FRONTAGE
TO FOLLOW
INTERSECTION
GUIDELINES

STATE ROUTE 5

UNIVETER RD

CITY LIMITS

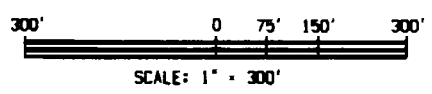
MAJOR
INTERSECTION
NO. 2

Note:
Shall apply to
all incorporated
tracts and those
to be annexed.

500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5 and Univeter Rd

STATE ROUTE 5

UNIVETER RD



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO. 2



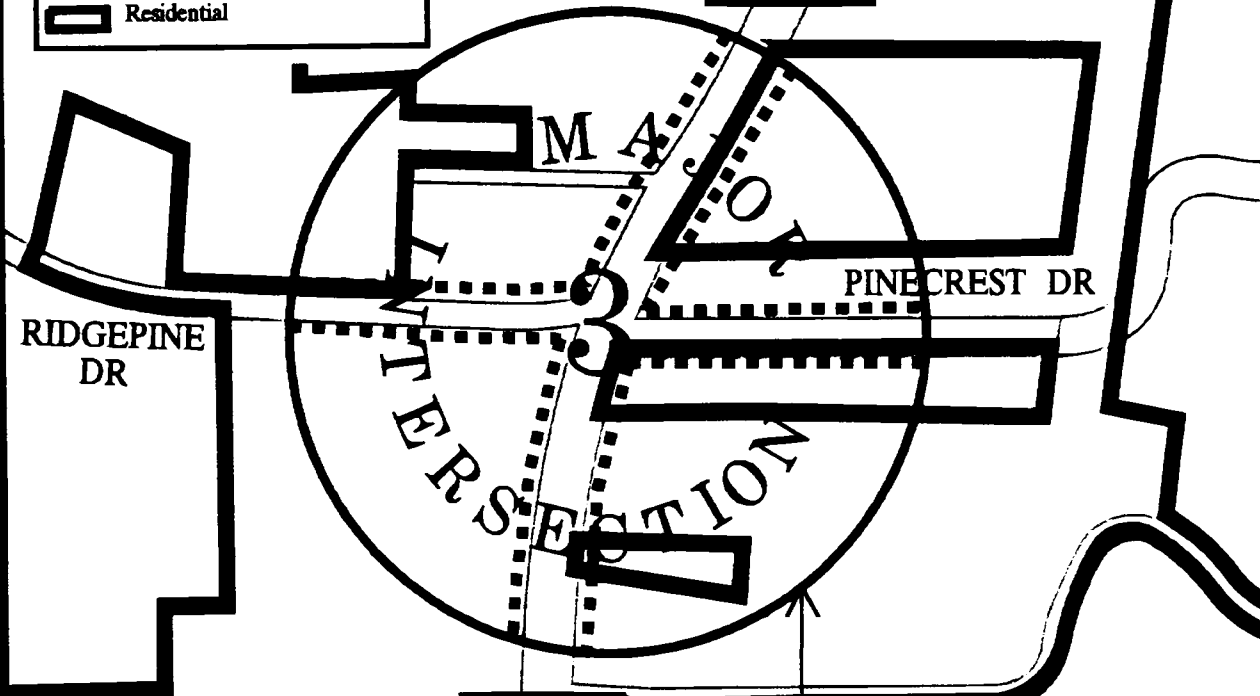
LEGEND

- Corridor Location Patterns**
- Main St/Carroll Hwy
 - State Route 5
 - Hickory Flat/State Route 140
 - Eastside Parkway
 - Walonka St
 - Reinhardt College Hwy
 - State Route 20/Knox Bridge
- Corridor /Zone Classification**
- Historic
 - Small Scale Commercial and Office Professional
 - Large Scale and Mixed-Use Development
 - Residential

--- ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

STATE ROUTE 5

CITY LIMITS



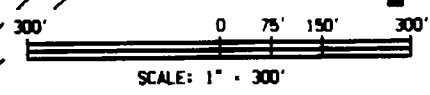
RIDGEPINE DR

PINECREST DR

STATE ROUTE 5

500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5, Pinecrest Dr
and Ridgepine Dr

Note:
Shall apply to
all incorporated
tracts and those
to be annexed



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.3



LEGEND

Corridor Location Patterns

Corridor /Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

Limit of Zone:
State Route 5
Intersection

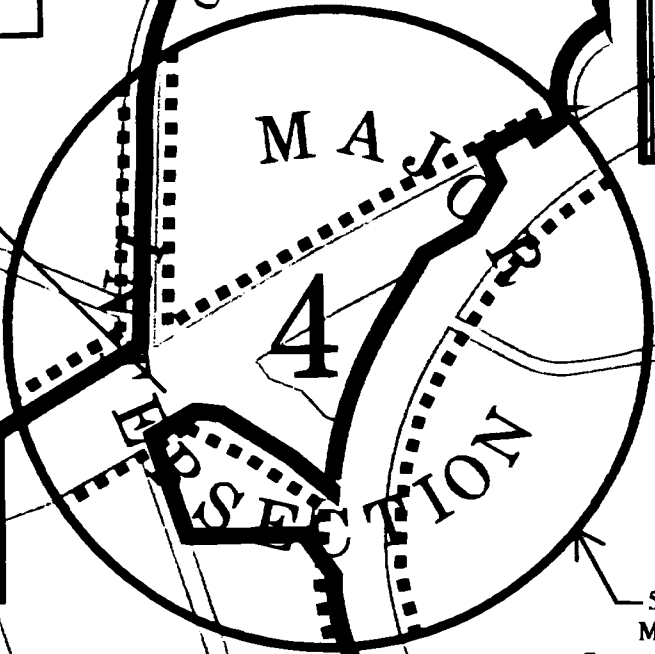
ROADWAY
FRONTAGE
TO FOLLOW
INTERSECTION
GUIDELINES

CITY
LIMITS

STATE ROUTE 5

OAKDALE RD

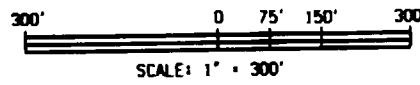
KNOX BRIDGE HWY



500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5 and State
Route 20 - Knox Bridge Hwy

STATE ROUTE 5

Note:
Shall apply to all incorporated
tracts and those to be annexed.



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.4



LEGEND

Corridor Location Patterns

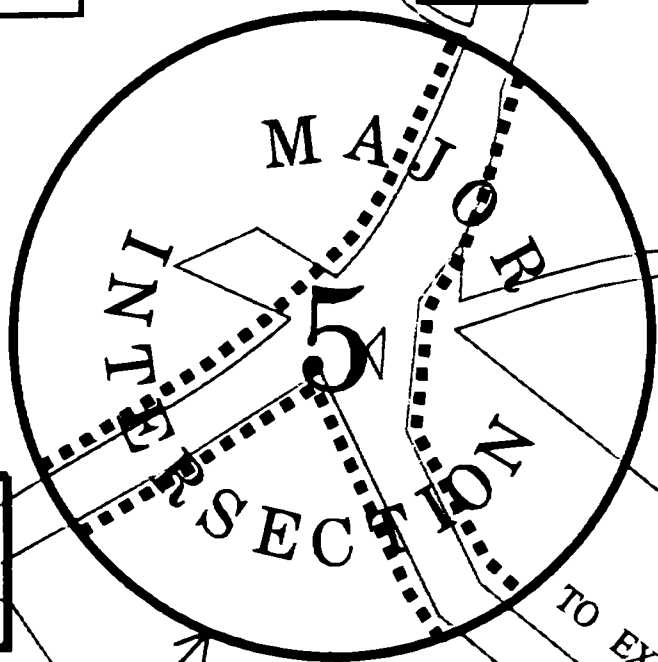
Corridor /Zone Classification

- Historic
- Small Scale Commercial and Office Professional
- Large Scale and Mixed-Use Development
- Residential

--- ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

STATE ROUTE 5

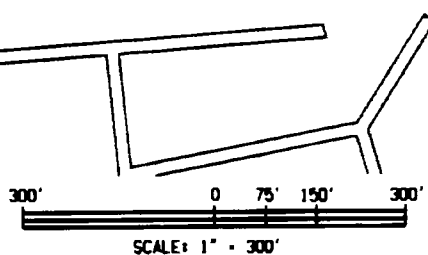
SR 5 - MARIETTA HWY



500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5 and the
Exit 1617 Access Road

CITY LIMITS

Note:
Shall apply to all incorporated
tracts and those to be annexed.



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.5

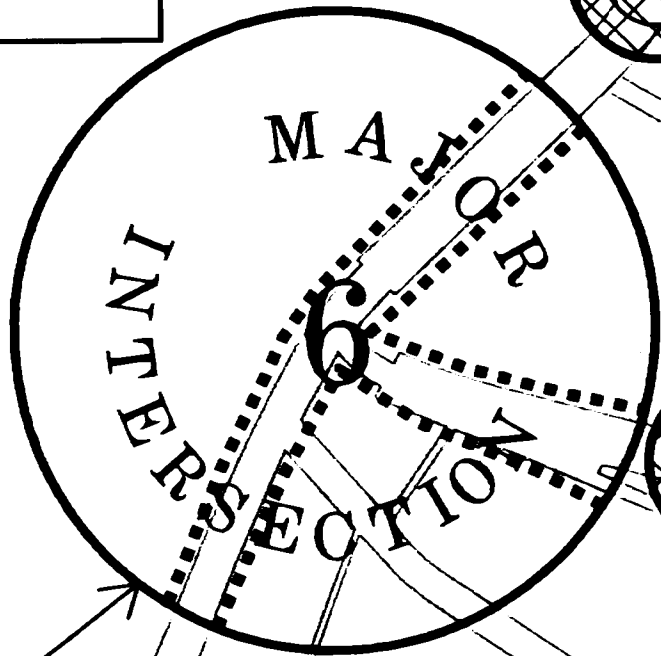
LEGEND

Corridor Location Patterns

	Main St/ Cumming Hwy		State Route 5
	Hickory Flat/ State Route 140		Bastide Parkway
	Walton St		
	Reinhardt College Hwy		
	State Route 20/ Knox Bridge		

Corridor/Zone Classification

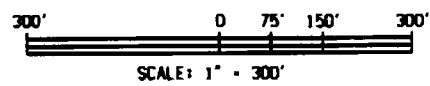
- Historic
- Small Scale Commercial
and Office Professional
- Large Scale and Mixed-Use
Development
- Residential




500' RADIUS:
Measured From
Center Point of Intersection
of Marietta Rd
and Hickory Flat Rd


----- ROADWAY FRONTAGE TO FOLLOW
INTERSECTION GUIDELINES

Note:
Shall apply to all incorporated
tracts and those to be annexed.





CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.6



LEGEND

Corridor Location Patterns	
Corridor/Zone Classification	
	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

Limit of Eastside Pkwy Zone: State Route 140 Intersection

(Proposed) EASTSIDE PARKWAY

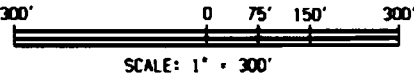
Note:
Shall apply to all incorporated tracts and those to be annexed.

SR 140 - HICKORY FLAT HWY

CITY LIMITS

ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

500' RADIUS: Measured From Center Point of Intersection of State Route 140 - Hickory Flat Hwy and Proposed Eastside Pkwy



CITY OF CANTON
INTERSECTIONS OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.7

LEGEND

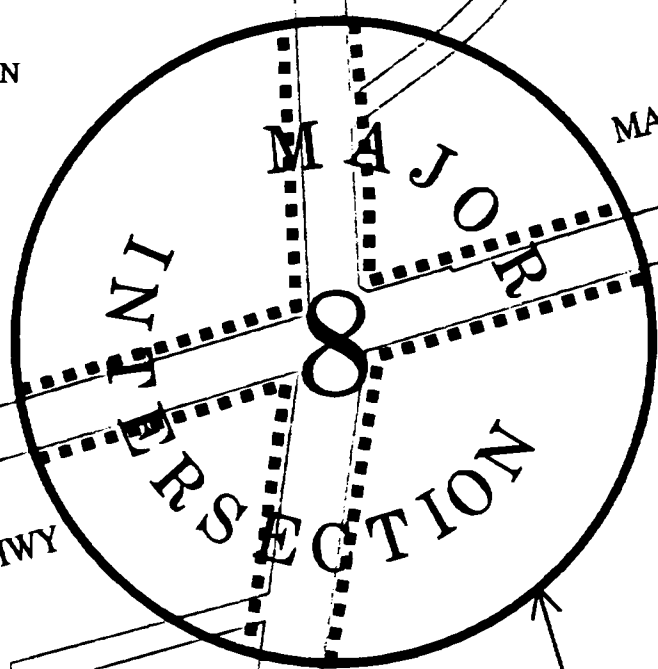
Corridor Location Patterns

	State Route 5
	Eastside Parkway

Corridor /Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

--- ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES



SR 5 - MARIETTA HWY

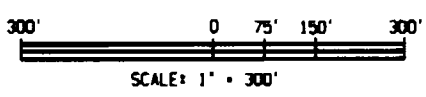
SR 5 - MARIETTA HWY

WALESKA ST

WALESKA ST

500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5 and
Waleska St

Note:
Shall apply to all incorporated
tracts and those to be annexed.



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.8

LEGEND

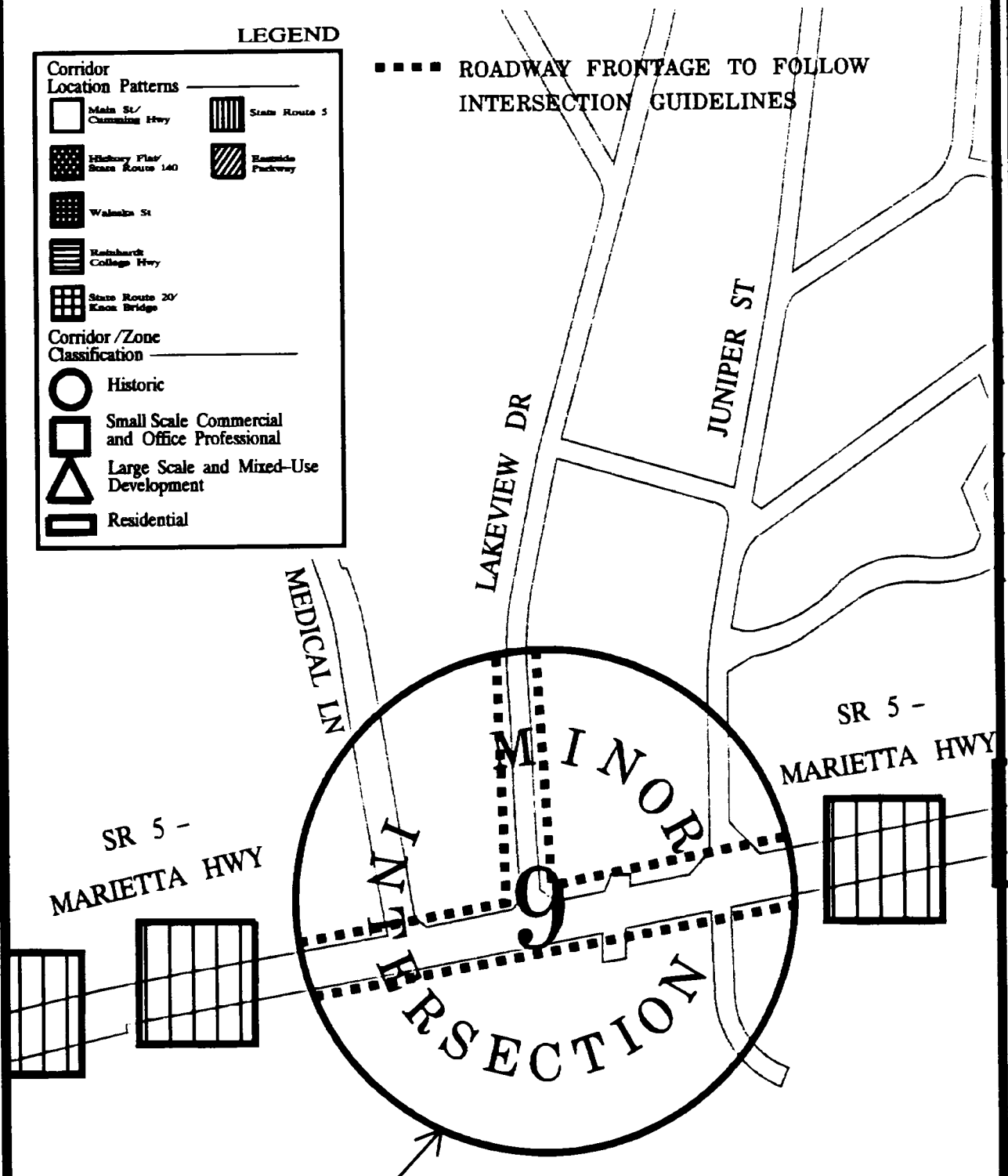
Corridor Location Patterns

Main St/ Cunningham Hwy	State Route 5
Highway Plaza/ State Route 140	Eastside Parkway
Walnut St	
Reinhardt College Hwy	
State Route 20/ Knox Bridge	

Corridor /Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

----- ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

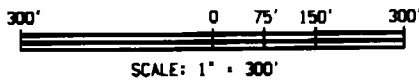


SR 5 -
MARIETTA HWY

SR 5 -
MARIETTA HWY

500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5 and
Lakeview Dr

Note:
Shall apply to all incorporated
tracts and those to be annexed.



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.9

PREPARED BY

MAY 2011

LEGEND

Corridor Location Patterns

Corridor /Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

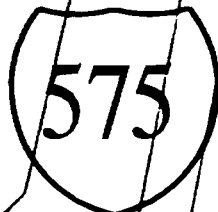
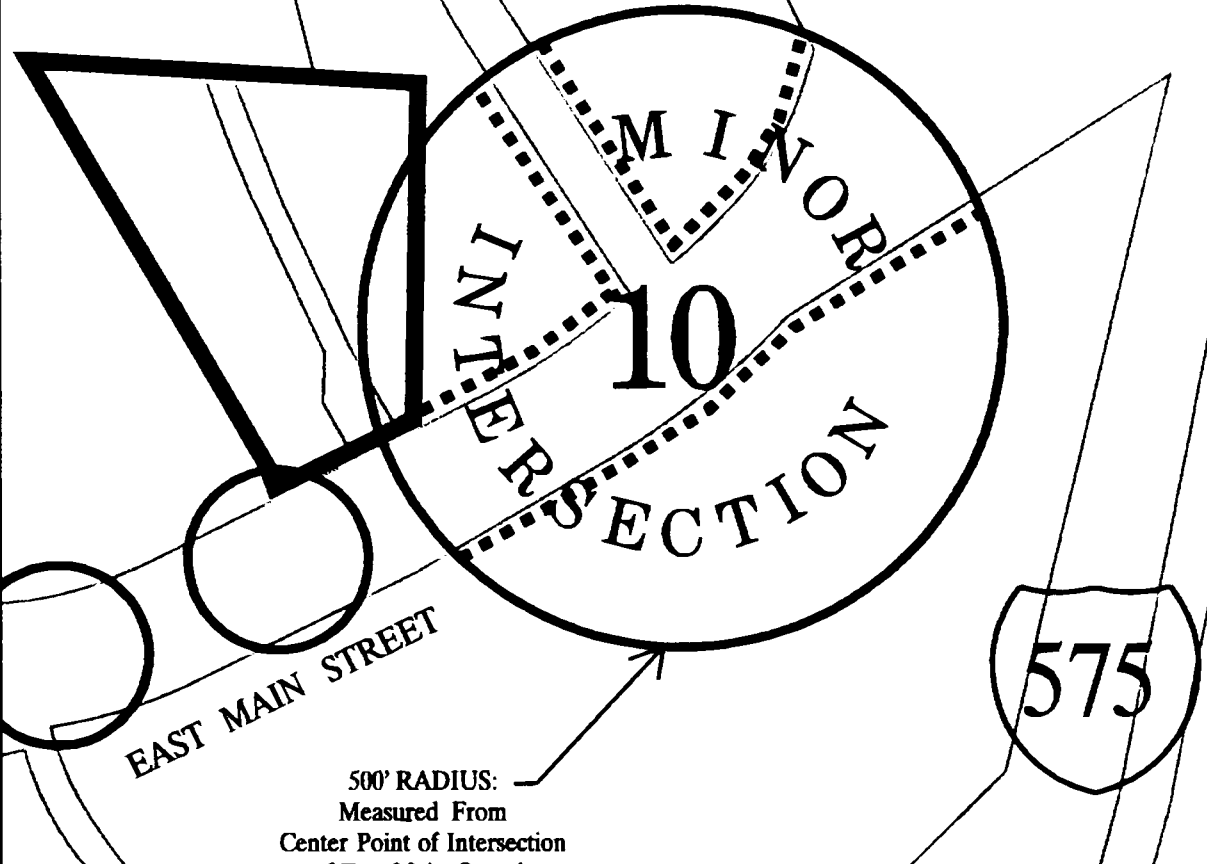
■■■■ ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

Note:
Shall apply to all incorporated tracts and those to be annexed.

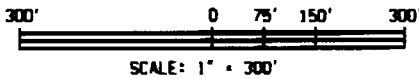
EXIT 19 TO I-575

BROWN INDUSTRIAL WAY

CITY LIMITS



500' RADIUS:
Measured From
Center Point of Intersection
of East Main St and
Canton-Cherokee Industrial Park Dr



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.10

PREPARED BY:

MAY 2011

LEGEND

Corridor Location Patterns

Corridor /Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

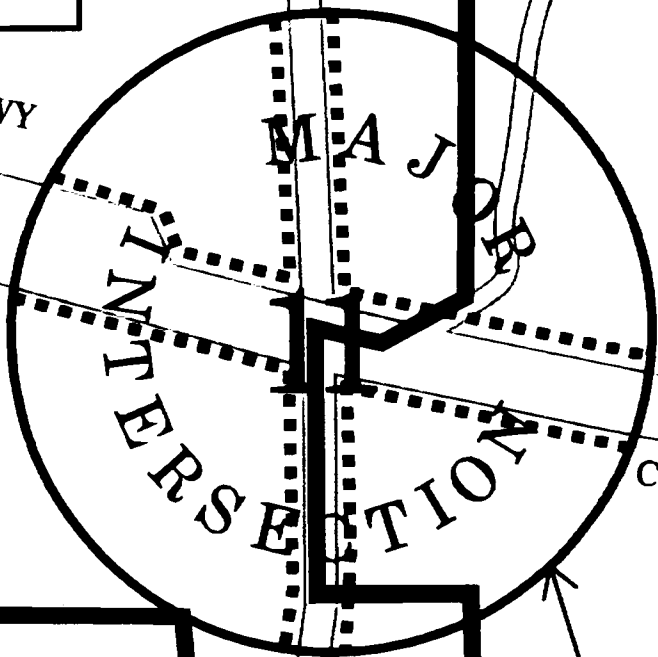
ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

Note:
Shall apply to all incorporated tracts and those to be annexed.

(Proposed)
EASTSIDE PKWY

CITY LIMITS

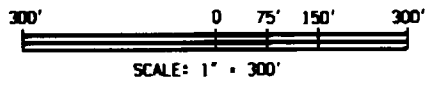
CUMMING HWY



Limit of Main St. Zone:
Eastside Pkwy
Intersection

EASTSIDE PKWY
(Proposed)

500' RADIUS:
Measured From
Center Point of Intersection
of Cumming Hwy and
Proposed Eastside Pkwy



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.11

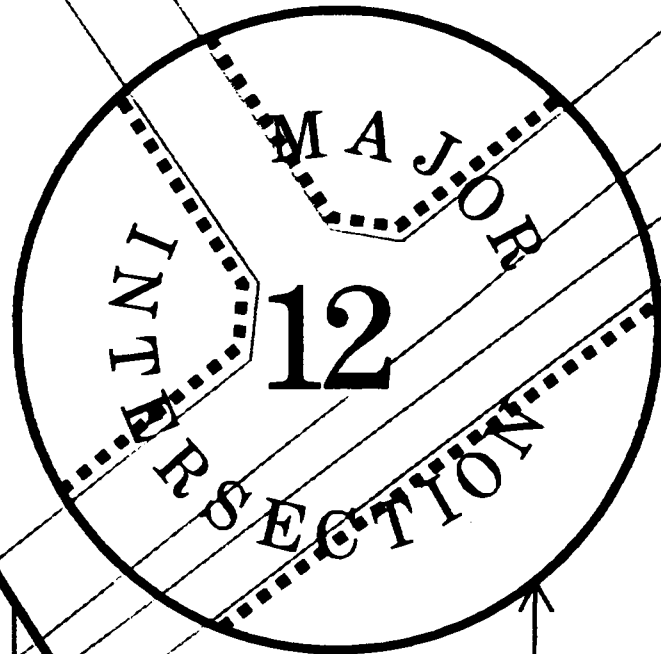
■■■■ ROADWAY FRONTAGE TO FOLLOW
INTERSECTION GUIDELINES

LEGEND

Corridor Location Patterns	
	Math St/ Cumming Hwy
	State Route 5
	Hickory Flw/ State Route 140
	Eastside Parkway
	Welaka St
	Reinhardt College Hwy
	State Route 217 Knock Bridge
Corridor /Zone Classification	
	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

REINHARDT COLLEGE PKWY

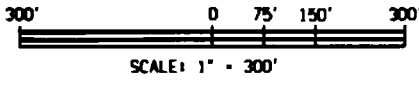
Note:
Shall apply to
all incorporated
tracts and those
to be annexed.



SR 5 -
MARIETTA HWY

SR 5 -
MARIETTA HWY

500' RADIUS:
Measured From
Center Point of Intersection
of State Route 5 and
Reinhardt College Pkwy



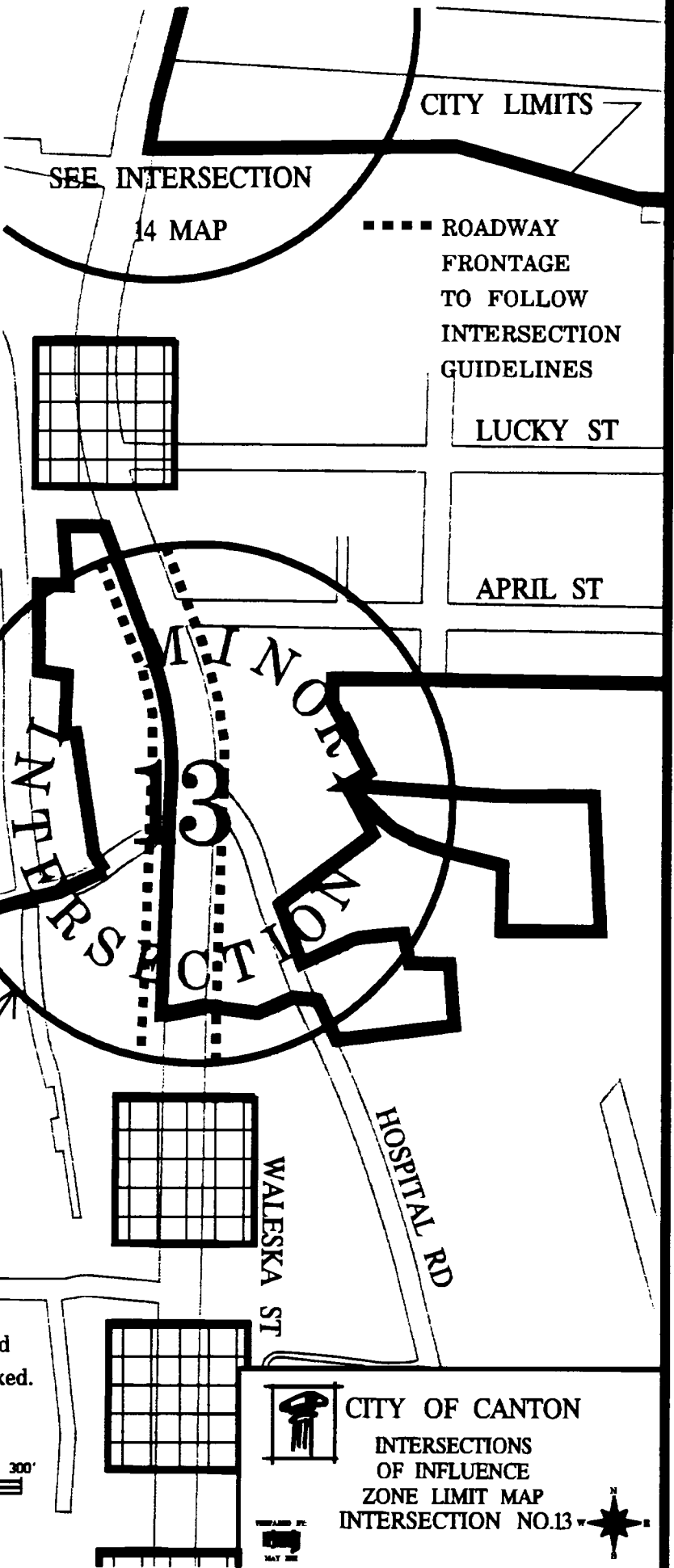
CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.12

LEGEND

Corridor Location Patterns

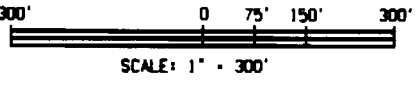
Corridor /Zone Classification

	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential



500' RADIUS:
Measured From
Center Point of Intersection
of Waleska Rd, Hospital Rd
and Donaldson Rd

Note:
Shall apply to all incorporated
tracts and those to be annexed.



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.13

LEGEND

Corridor Location Patterns

Corridor /Zone Classification

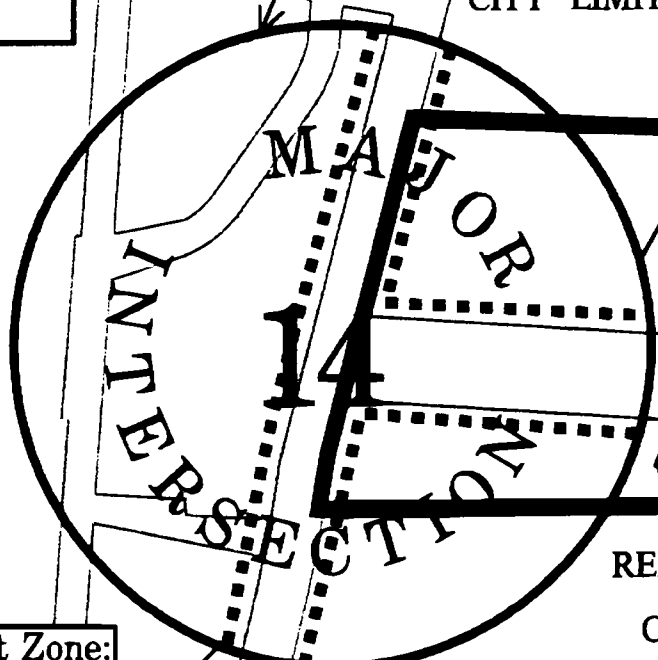
	Historic
	Small Scale Commercial and Office Professional
	Large Scale and Mixed-Use Development
	Residential

■■■■ ROADWAY FRONTAGE TO FOLLOW INTERSECTION GUIDELINES

500' RADIUS:
Measured From
Center Point of Intersection
of Waleska St and
Reinhardt College Pkwy

Limit of R.C.P. Zone:
Waleska St
Intersection

Note:
Shall apply to
all incorporated
tracts and those
to be annexed.



Limit of Waleska St Zone:
Reinhardt College Pkwy
Intersection

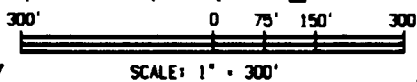
REINHARDT
COLLEGE
PKWY

WALESKA ST

LUCKY ST

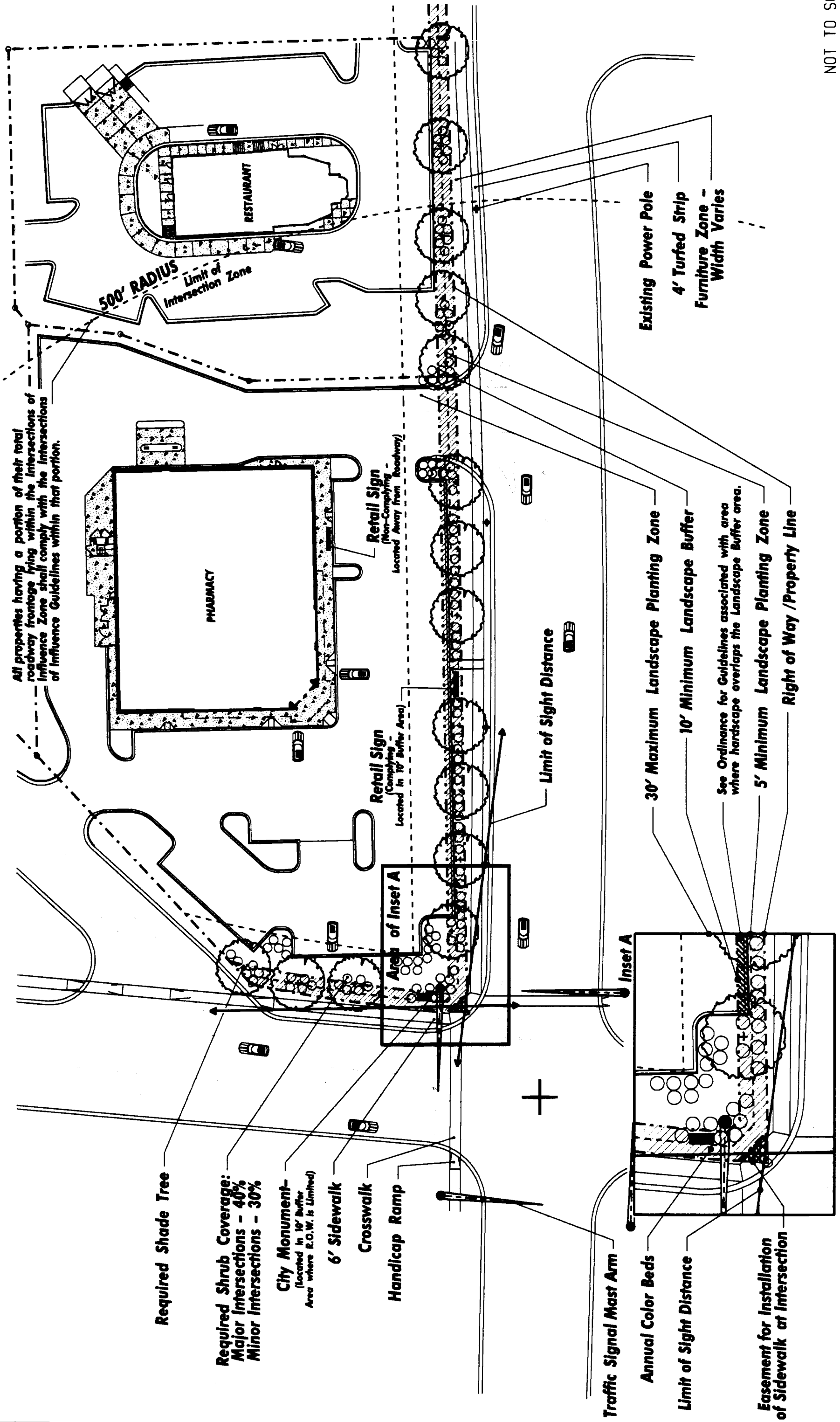
SEE INTERSECTION

13 MAP



CITY OF CANTON
INTERSECTIONS
OF INFLUENCE
ZONE LIMIT MAP
INTERSECTION NO.14

All properties having a portion of their total roadway frontage lying within the Intersections of Influence Zone shall comply with the Intersections of Influence Guidelines within that portion.



Required Shade Tree

Required Shrub Coverage:
Major Intersections - 40%
Minor Intersections - 30%

City Monument-
(Located in 10' Buffer Area where R.O.W. is Limited)

6' Sidewalk

Crosswalk

Handicap Ramp

Traffic Signal Mast Arm

Annual Color Beds

Limit of Sight Distance

Easement for Installation of Sidewalk at Intersection

Retail Sign
(Complying - Located in 10' Buffer Area)

Retail Sign
(Non-Complying - Located Away from Roadway)

Limit of Sight Distance

30' Maximum Landscape Planting Zone

10' Minimum Landscape Buffer

5' Minimum Landscape Planting Zone

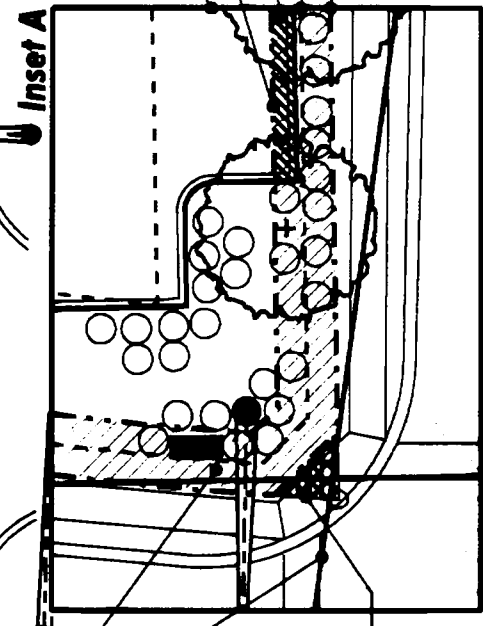
Right of Way / Property Line

Existing Power Pole

4' Turfed Strip

Furniture Zone - Width Varies

500' RADIUS
Limit of Intersection Zone



Inset A

NOT TO SCALE

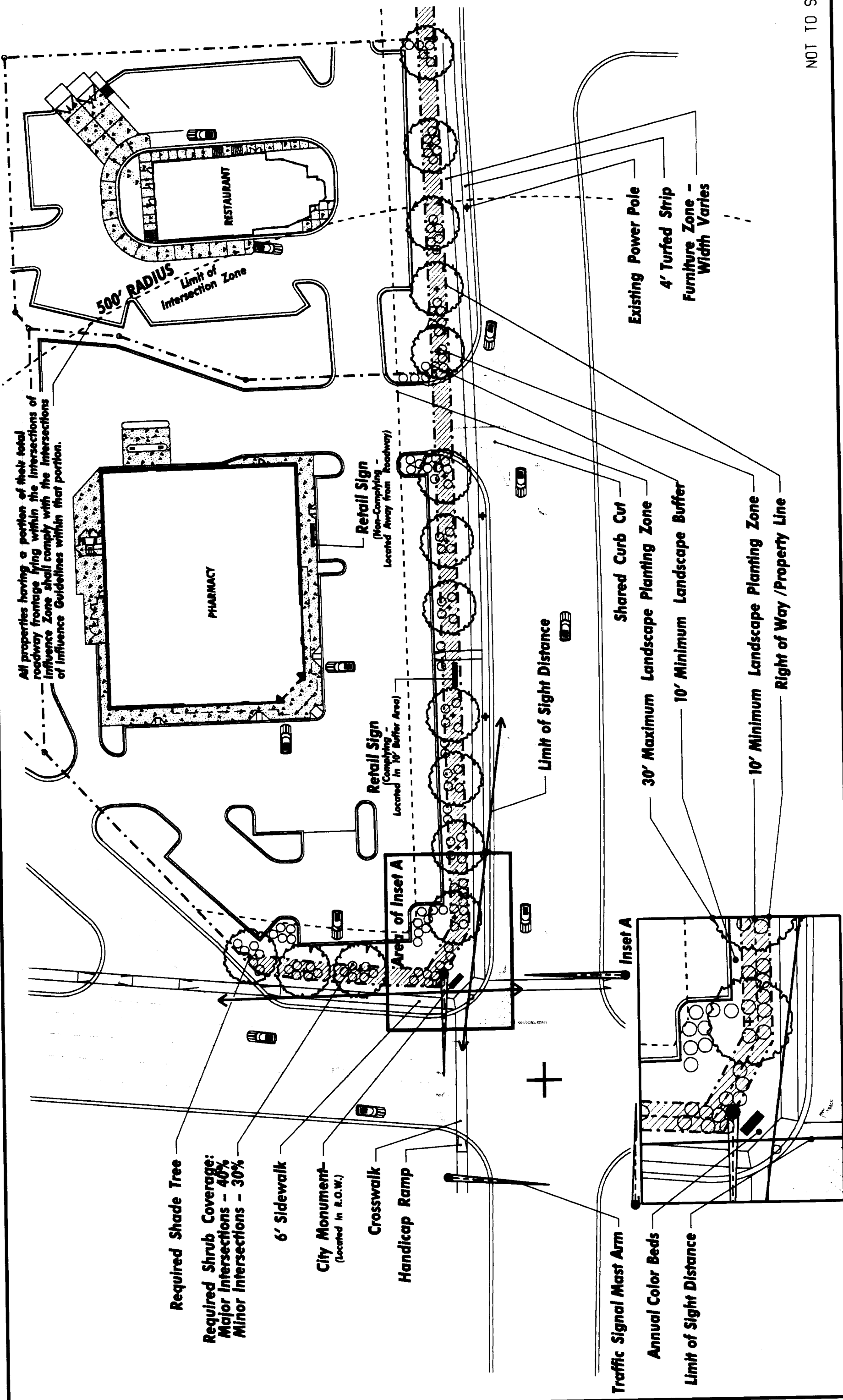


INTERSECTION OF INFLUENCE - TYPICAL PROPOSED CONDITIONS (DEVELOPED SITE)

THE CITY OF
CANTON, GEORGIA



All properties having a portion of their total roadway frontage lying within the Intersections of Influence Zone shall comply with the Intersections of Influence Guidelines within that portion.

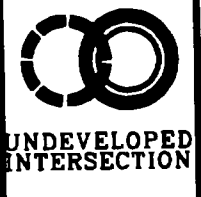


NOT TO SCALE



INTERSECTION OF INFLUENCE - TYPICAL PROPOSED CONDITIONS (UNDEVELOPED SITE)

THE CITY OF
CANTON, GEORGIA



WALESKA ST @ REINHARDT COLLEGE PARKWAY
EXISTING



WALESKA ST @
REINHARDT COLLEGE
PARKWAY
PROPOSED

WALESKA ST @ SR 5
EXISTING



WALESKA ST @ SR5
PROPOSED



Site Furnishings

- **Specific site furnishings have been shown and specified in this section. Any deviation from these specified furnishings shall be approved by and coordinated with the City of Canton Mayor's Staff.**
- **Transit Stops shall be located within those zones indicated as "Transit Zone". The City will designate the level of furniture application at these Transit Stops, as needed. A model is provided of a typical "High Traffic" Transit Stop.**
- **Three options have been detailed for the placement of the light poles in relation to the sidewalk. In situations of hardship, the two Alternative Options may be used. The use of these alternatives shall be approved by and coordinated with the City of Canton Mayor's Staff.**
- **Refer to Appendix A for manufacturer specifications and visual references.**



Transit Shelter



Transit Bench



Full Back Bench



Light Type A



Light Type B



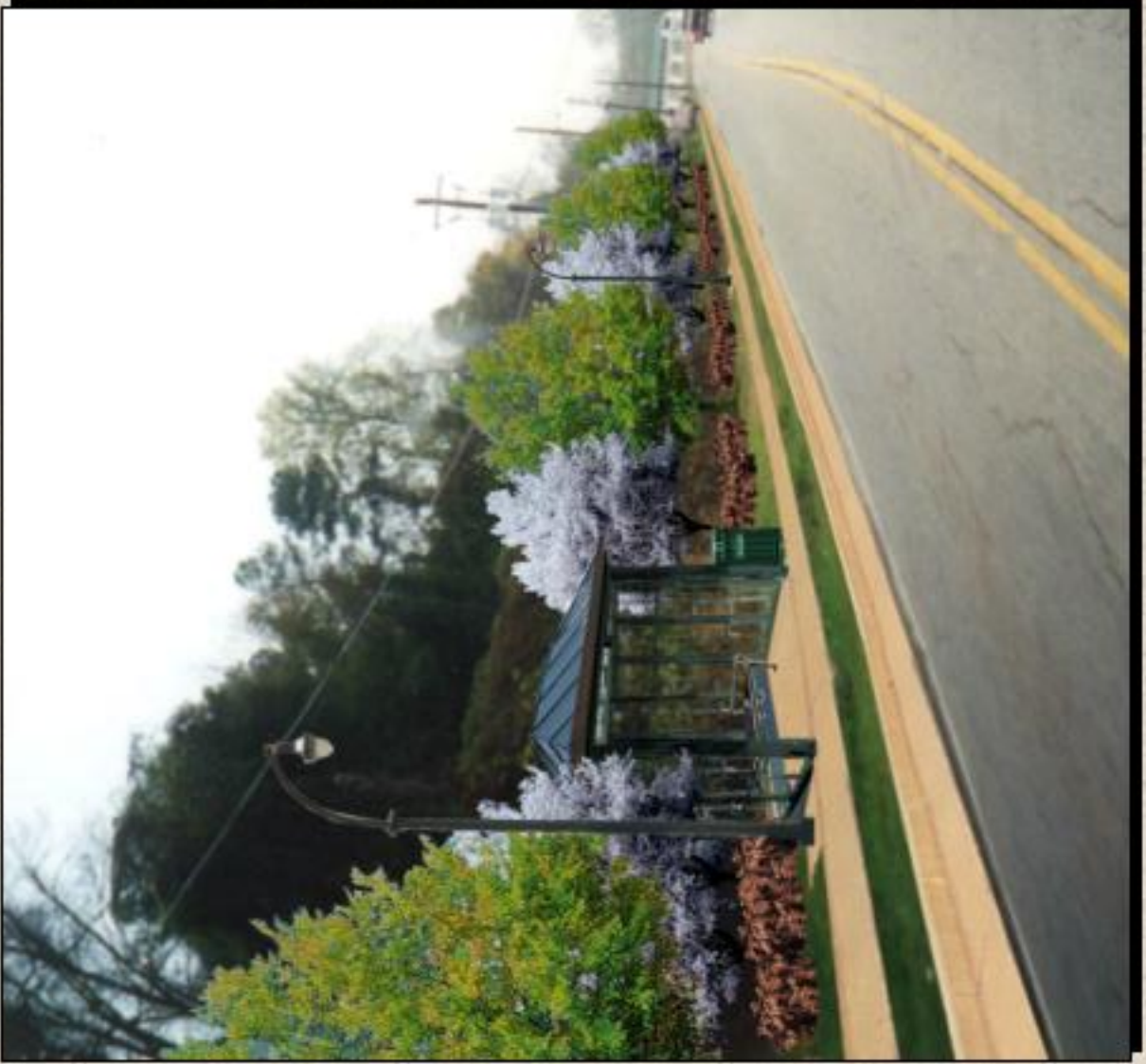
Light Type C



Trash Receptacle

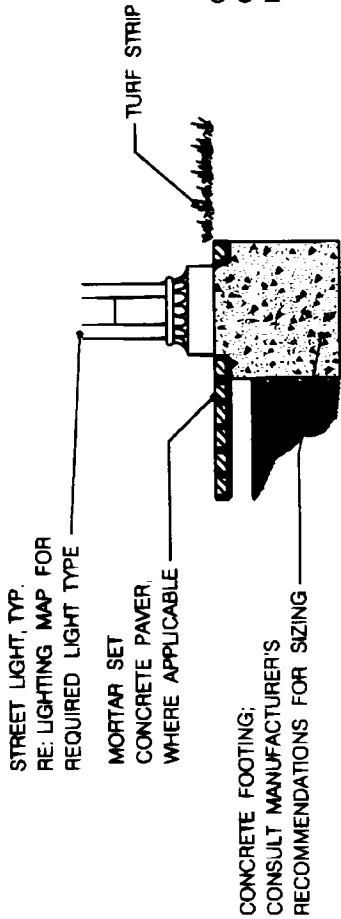
SITE FURNISHINGS

NOTE: Actual product may vary from picture.



TYPICAL TRANSIT STOP

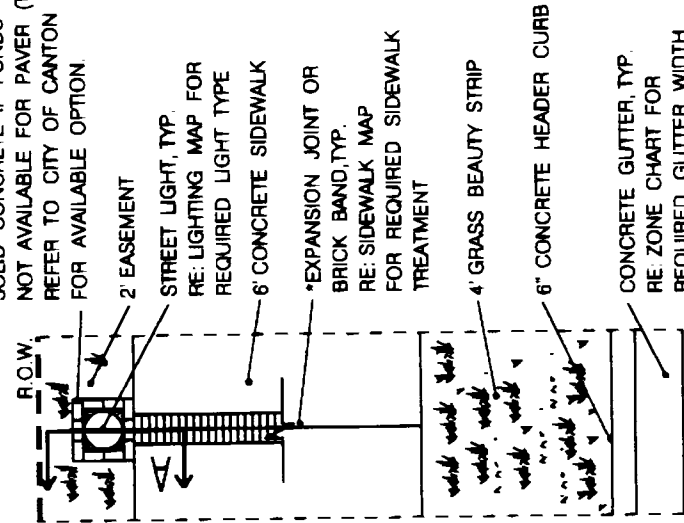
PREFERRED CONDITION



SECTION A

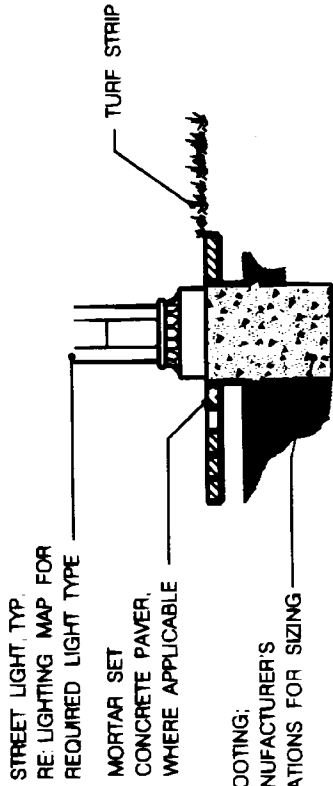
LIGHT IN 2" EASEMENT:
BEHIND WALKWAY IN TURF AREA

PAVER DETAIL OPTIONAL,
MAY BE REPLACED WITH
SOLID CONCRETE IF FUNDS
NOT AVAILABLE FOR PAVEMENT
REFER TO CITY OF CANTON
FOR AVAILABLE OPTION



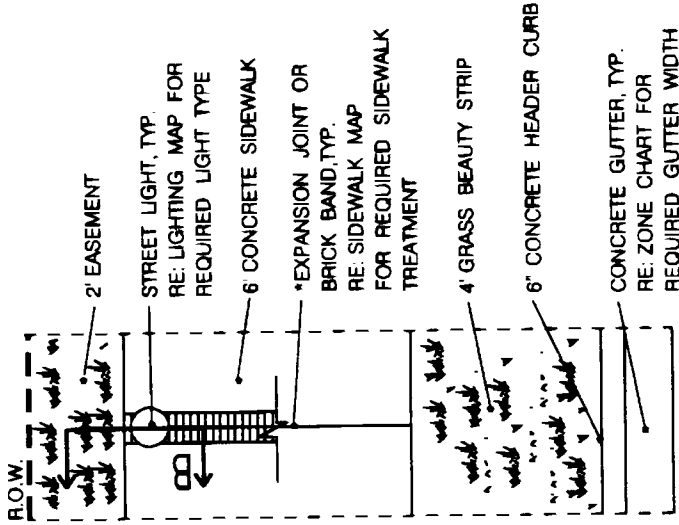
PLAN A

ALTERNATE OPTION A



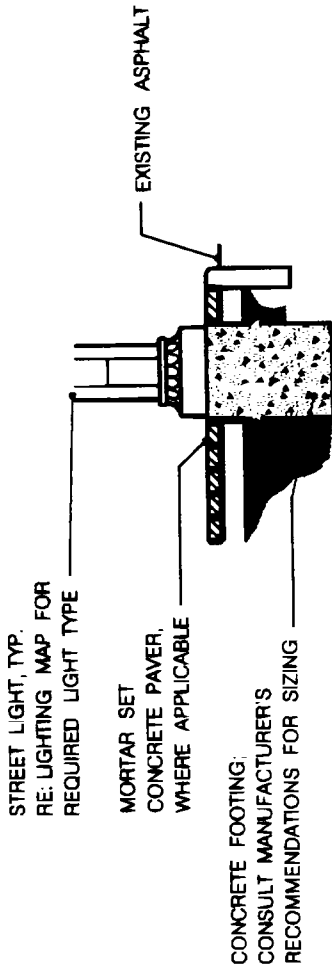
SECTION B

LIGHT IN WALKWAY



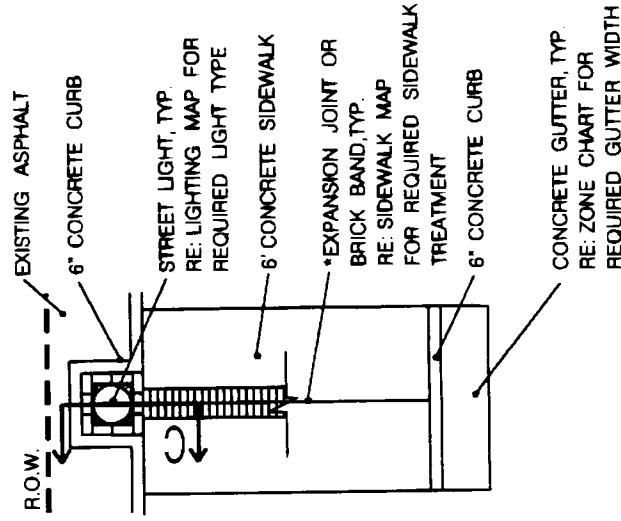
PLAN B

ALTERNATE OPTION B



SECTION C

LIGHT IN 2" EASEMENT:
BEHIND WALKWAY IN
EXISTING PAVEMENT



PLAN C

*NOTE:
BRICK BAND MAY BE THREE BRICKS WIDE
WHEN INSTALLED WITH LIGHT TYPE B.
MINIMUM WIDTH SHALL BE TWO BRICKS WIDE.

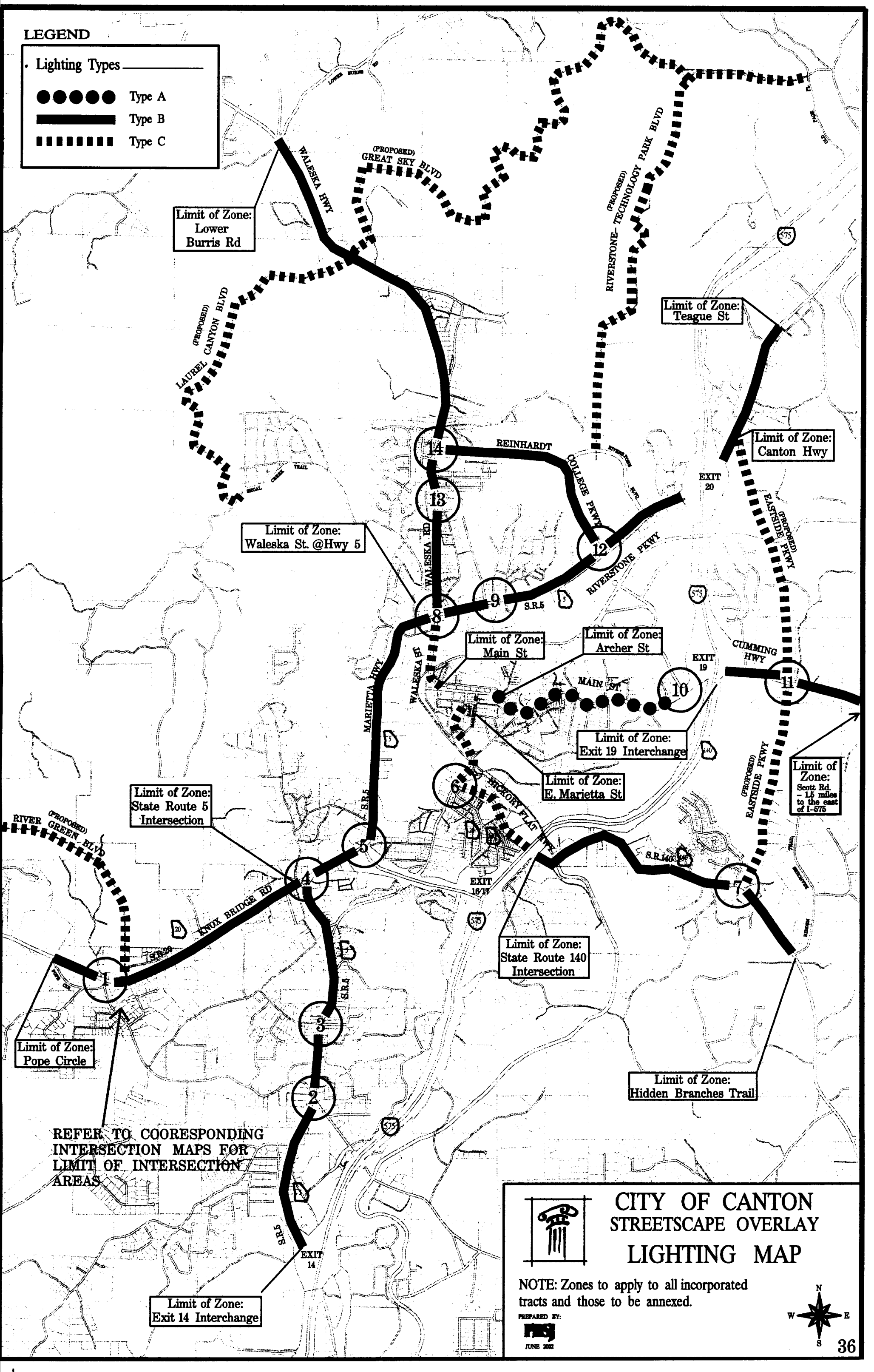
LIGHT PLACEMENT & SIDEWALK TREATMENT

NOT TO SCALE


LEGEND

Lighting Types

- Type A
- ▬ Type B
- ▬▬▬▬▬▬ Type C





REFER TO COORESPONDING INTERSECTION MAPS FOR LIMIT OF INTERSECTION AREAS



CITY OF CANTON
STREETScape OVERLAY
LIGHTING MAP



NOTE: Zones to apply to all incorporated tracts and those to be annexed.

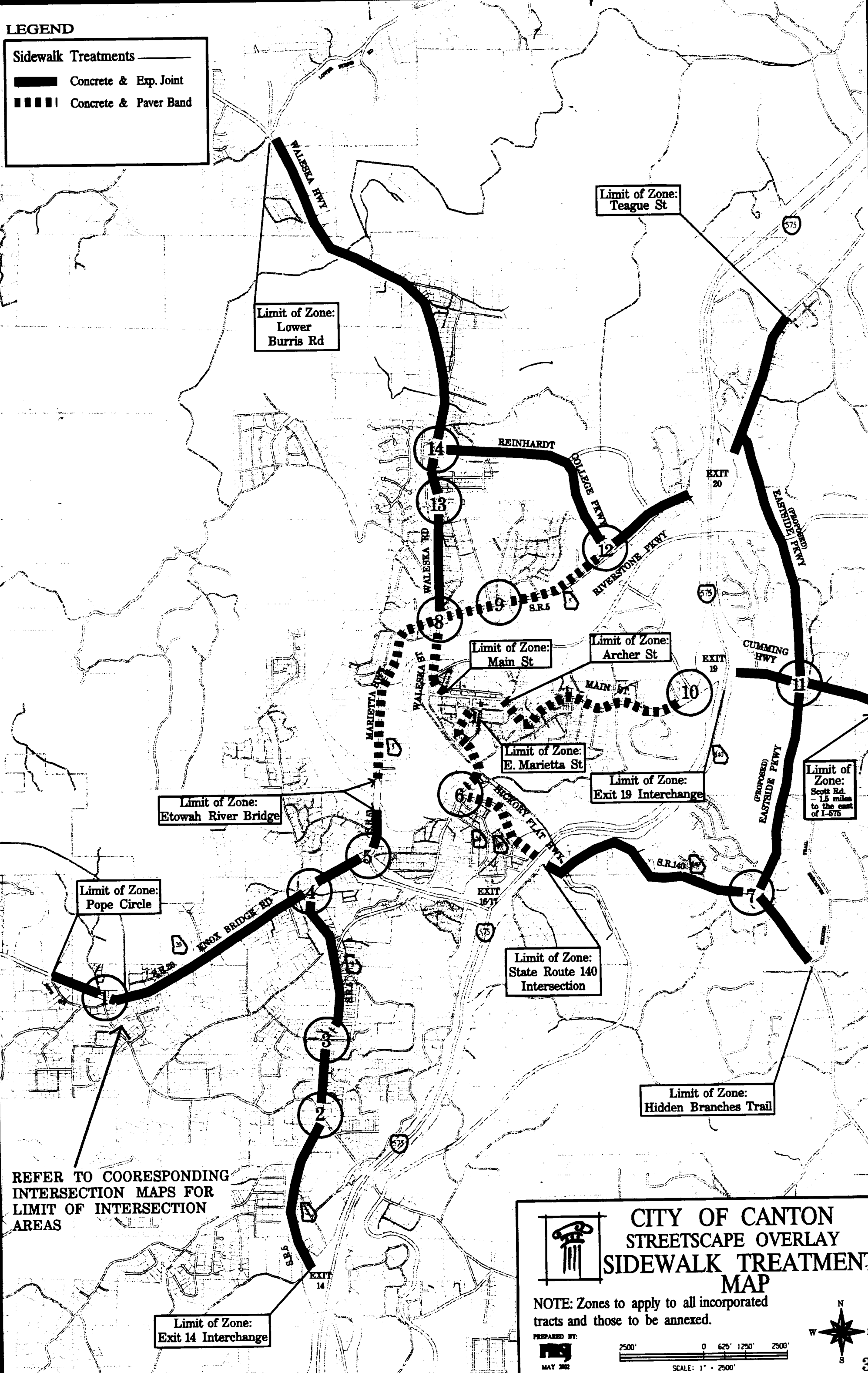
PREPARED BY:

 JUNE 2002



36

LEGEND

Sidewalk Treatments	
	Concrete & Exp. Joint
	Concrete & Paver Band



REFER TO COORESPONDING INTERSECTION MAPS FOR LIMIT OF INTERSECTION AREAS

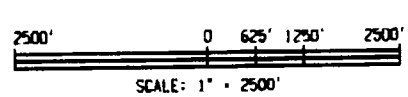


**CITY OF CANTON
STREETSCAPE OVERLAY
SIDEWALK TREATMENT
MAP**

NOTE: Zones to apply to all incorporated tracts and those to be annexed.

PREPARED BY:

MAY 2002





Landscape Specifications

- **A specific Street Tree has been selected for each Priority Corridor and the Intersections of Influence. These trees are pictured in this section. There shall be no deviation from these selections.**
- **A plant schedule has been provided listing the acceptable species of (L) Large Scale Plants and (S) Small Scale Plants that shall be used in the 10' Landscape Buffer. This chart shall be used to determine the number of shrubs needed to fulfill the ground coverage percent requirement.**
- **The schedule also specifies the installation guidelines for each plant. The indicated Plant Notes shall be provided on the landscape plans to insure that the final plan be installed and maintained by the guidelines of the 10' Landscape Buffer.**
- **If for any reason approved by the City of Canton Mayor's Staff, the property owner is not able to install the specified street trees at time of landscape installation, the funds necessary to purchase and maintains the required trees for one year shall be paid into the City of Canton Tree Fund.**



RED MAPLE



TULIP TREE



LACEBARK ELM



SUGAR MAPLE



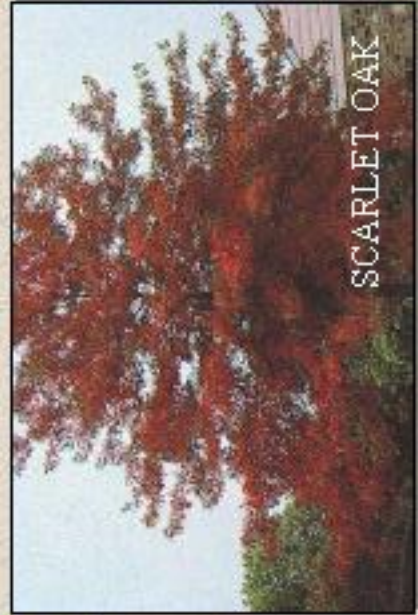
WILLOW OAK



BLACK TUPELO



PIN OAK



SCARLET OAK



GINGKO

STREET TREES

PLANT NOTES

- The Contractor shall contact the appropriate utility companies to have the locations of their underground utilities marked prior to beginning work. Caution shall be exercised to avoid interruption of services. The Contractor is responsible for repair of all existing utilities damaged during construction.
- Final location of all plant material shall be subject to the approval of the Owner's representative. After flagging plant locations and prior to installation, the Contractor shall notify the Owner's representative for inspection.
- All plant material shall conform with the latest edition of "American Standards for Nursery Stock" by the American Association of Nurserymen, Inc. All plant material shall meet or exceed the specifications of the federal, state, and county laws requiring inspection for disease and insect control. Botanical names shall take precedence over common names.
- The Contractor shall remove all dead wood, suckers, and all broken or damaged branches in accordance with the AANS (American Association of Nurserymen Standards) in order to preserve the natural character of the tree.
- Plant Quality: All plants shall be sound, free of disease or pests and shall have a healthy normal root system.
- No substitution of plant species or variety shall be made without prior written permission from the City of Canton Planning Dept.
- The Contractor is responsible for fully maintaining all plants and lawn areas until the work is accepted in full in writing by the Owner's representative. The maintenance shall include but not necessarily be limited to: watering, spraying, mulching, pruning, mowing, fertilizing, etc. or other activities as directed by the Owner's representative.
- The Contractor shall guarantee all plant material and turf areas for a period of one (1) year beginning from the final acceptance date. Final acceptance will be granted by the Owner's representative upon completion of the entire project. The Contractor shall promptly make all replacements before, during, and at the end of the guarantee period as directed by the Owner's representative.
- All plant material which dies, turns brown or defoliates both prior to the final acceptance of the work and during the one year guarantee period shall be promptly removed from the site and replaced with material of the same species, variety, quantity, size and meeting all plant schedule specifications.
- Burlap material on balled and burlapped plants shall be the type which will decay within two years (no synthetics, plastic, nylon, treated or other non natural types will be allowed.) After setting, balled and burlapped plants in the planting pit, all binder twine shall be cut and the burlap removed from the top 1/3 of the rootball.
- All shrub and seasonal color bed areas shall be top dressed with a minimum of 3" of compacted mulch. The mulch shall be free from mold, sticks, cones, weeds and other debris. Compaction of the mulch shall occur naturally over a two week period during which at least one significant rainfall has occurred. Additional mulch shall be placed in order to maintain the minimum depth until date of final acceptance.
- Contractor shall spray trees and shrubs with anti-desiccant prior to transplanting and transporting if foliage is present. All plant material must be protected from wind by a tarpaulin during shipment.
- The Owner's representative reserves the right to reject at any time until the end of the one year guarantee period any and/or all plant material that does not meet the specifications as set forth here and in the plant schedule.
- Fertilizer application amounts and soil preparation described in the plant schedule shall be strictly followed.
- All existing turf and vegetation shall be stripped and removed prior to the installation of any turf or plant material. Care shall be taken when working around or near plants labeled on the plan as existing to remain. All existing plants that are to remain if damaged by the construction shall be replaced by the Contractor as directed by the Owner's representative.
- All plant material shall be properly watered immediately after planting. Water shall be applied at a rate that will completely saturate the entire rootball regardless of weather conditions. If the height of the rootball is 24", then the plant shall be watered to a depth of 24".
- Contractor is to fill each island with clean topsoil. No construction debris, etc. will be acceptable.
- All distributed areas shall be seeded with Bermuda seed unless indicated otherwise on the plans. Contractor is to provide a vigorous stand of turf, free from disease and/or weeds.
- Contractor to provide gator bags at all trees. Install per manufacturer's recommendations. Contractor is to fill with water as required for each tree until the final acceptance of job.
- All proposed trees within 10' of any paved surface, wall or building are to have a tree root barrier installed. The root barrier is to have a minimum depth of 24". It is to be ribbed or channeled on the rootball side. Install per manufacturer's recommendations.

STREET TREE PLANT SCHEDULE

COMMON NAME	SCIENTIFIC NAME	SIZE	HEIGHT	COMMENTS
TYPE 1 SHADE TREE				
RED MAPLE	ACER RUBRUM	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
SUGAR MAPLE	ACER SACCHARUM	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
WILLOW OAK	QUERCUS PHELLOS	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
SCARLET OAK	QUERCUS FALCATA	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
TULIP TREE	LIRIODENDRON TULIPIFERA	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
PIN OAK	QUERCUS PALUSTRIS	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
LACEBARK ELM	ULMUS PARVIFOLIA	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
GINGKO - MALE ONLY	GINGKO BILOBA - MALE ONLY	3 - 4" CAL	14 - 16'	B&H single-stem, prune to 7 1/2' full head
TYPE 2 SHADE TREE				
BLACK TUPELO	NYSSA SILVATICA	3 - 4" CAL	12 - 14'	B&H single-stem, prune to 6 1/2' full head

* All plant material shall conform with the latest edition of "American Standards for Nursery Stock" by the American Association of Nurserymen, Inc. All plant material shall meet or exceed the specifications of the federal, state and county laws requiring inspection for disease and insect control. Botanical names shall take precedence over common names.

SMALL SCALE PLANT SCHEDULE (S)

COMMON NAME	SCIENTIFIC NAME	SIZE	HEIGHT	SPACING	COVERAGE CREDIT	COMMENTS
TREES						
EVERGREEN						
FOSTER HOLLY	ILEX X ATTENUATA 'FOSTERI'	2" CAL	10-12'	15' O.C.		B&H multi-stem full to ground
DEVILWOOD	OSMANTHUS AMERICANUS	2" CAL	10-12'	20' O.C.		B&H single-stem, Prune to 4'
LITTLE JEM SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA 'LITTLE JEM'	2" CAL	10-12'	15' O.C.		B&H single-stem full to ground
DECIDUOUS						
RED BUCKEYE	AESCULUS PAVIA	2" CAL	10-12'	15' O.C.		B&H single-stem, Prune to 5 1/2' full head
FRINGEE TREE	CHIONANTHUS VIRGINICUS	2" CAL	10-12'	15' O.C.		B&H multi-stem, Prune to 6 1/2' full head
KOUSA DOGWOOD	CORNUS KOUSA	2" CAL	10-12'	20' O.C.		B&H multi-stem, Prune to 6 1/2' full head
SMOKETREE	COTINUS COCCINIA	2" CAL	10-12'	15' O.C.		B&H multi-stem, Prune to 6 1/2' full head
SHRUBS						
EVERGREEN						
FLORIDA LELUCIDHOE	AGARISTA POPULIFOLIA	2 GAL	12"	6' O.C.	25 SO FT	FULL TO GROUND
CARISSA HOLLY	ILEX CORNUTA 'CARISSA'	3 GAL	18"	4' O.C.	10 SO FT	FULL TO GROUND
HELLERT HOLLY	ILEX ORENATA 'HELLERT'	3 GAL	15"	3' O.C.	5 SO FT	FULL TO GROUND
IMBERRY	ILEX GLABRA	3 GAL	18"	5' O.C.	20 SO FT	FULL TO GROUND
MANDINA	MANDINA DOMESTICA	3 GAL	18"	4' O.C.	10 SO FT	FULL TO GROUND
SCARLET FIRETHORN	PYRACANTHA COCCINEA	3 GAL	18"	6' O.C.	25 SO FT	FULL TO GROUND
DECIDUOUS						
AMERICAN BEAUTYBERRY	CALLICAMPA AMERICANA	3 GAL	18"	6' O.C.	25 SO FT	FULL TO GROUND, MIN OF 3 CANES
FLAME AZALEA	RHOODODENDRON CALENDULACEA	3 GAL	18"	4' O.C.	10 SO FT	FULL TO GROUND, MIN OF 3 CANES
THUNBERG SPirea	SPirea X THUNBERGII	3 GAL	2"	5' O.C.	20 SO FT	FULL TO GROUND, MIN OF 5 CANES
VANHOUTE SPirea	SPirea X VANHOUTEI	3 GAL	2"	5' O.C.	20 SO FT	FULL TO GROUND, MIN OF 6 CANES

* All plant material shall conform with the latest edition of "American Standards for Nursery Stock" by the American Association of Nurserymen, Inc. All plant material shall meet or exceed the specifications of the federal, state, and county laws requiring inspection for disease and insect control. Botanical names shall take precedence over common names.

LARGE SCALE PLANT SCHEDULE (L)

COMMON NAME	SCIENTIFIC NAME	SIZE	HEIGHT	SPACING	COVERAGE CREDIT	COMMENTS
TREES						
EVERGREEN						
MELLIE R. STEVENS' HOLLY	ILEX X 'MELLIE R STEVENS'	2" CAL	10-12'	12' O.C.		B&H multi-stem full to ground
AMERICAN HOLLY	ILEX OPACA	2" CAL	10-12'	12' O.C.		B&H multi-stem full to ground full head
SWEET BAY MAGNOLIA	MAGNOLIA VIRGINICA 'AUSTRALIS'	2" CAL	10-12'	15' O.C.		B&H single-stem, Prune to 6 1/2' full head
DECIDUOUS						
WASHINGTON HARTHORN	CRATAEGUS PHAENOPYRUM	2" CAL	10-12'	15' O.C.		B&H single-stem, Prune to 6 1/2' full head
NATCHEZ ORAPE MYRTLE	LAGERSTROMIA INDICA 'NATCHEZ'	2" CAL	10-12'	15' O.C.		multi-stem min 3 branches full head
CHASTE TREE	VITEX AGNUS-CASTUS	2" CAL	10-12'	15' O.C.		multi-stem min 3 branches full head
SHRUBS						
EVERGREEN						
JAPANESE HOLLY	ILEX ORENATA 'CAREFREE'	3 GAL	2"	4' O.C.	10 SO FT	FULL TO GROUND
ANISE TREE	ILLICITUM ANISATUM	3 GAL	2"	6' O.C.	25 SO FT	FULL TO GROUND
PETZER JUNIPER	JUNIPERUS CHINENSIS 'PETZERTIANA'	3 GAL	2"	6' O.C.	25 SO FT	FULL HEAD
LOROPETALUM	LOROPETALUM CHINENSE	3 GAL	18"	6' O.C.	25 SO FT	FULL TO GROUND
WAX MYRTLE	MYRTICA CERIFERA	3 GAL	2"	10' O.C.	40 SO FT	FULL TO GROUND
DECIDUOUS						
JAPANESE THUNBERGII	BERBERIS THUNBERGII	3 GAL	2"	5' O.C.	20 SO FT	FULL TO GROUND, MIN OF 4 CANES
BUTTERFLY BUSH	Buddleia DAVIDII	3 GAL	18"	6' O.C.	25 SO FT	FULL TO GROUND, MIN OF 3 CANES
BORDER FORSYTHIA	FORSYTHIA X INTERMEDIA	3 GAL	18"	4' O.C.	10 SO FT	FULL TO GROUND, MIN OF 3 CANES
DOUBLE FILE VIRIBURNUM	VIBURNUM PLICATUM TOMENTOSUM	3 GAL	18"	6' O.C.	25 SO FT	FULL TO GROUND, MIN OF 3 CANES

* All plant material shall conform with the latest edition of "American Standards for Nursery Stock" by the American Association of Nurserymen, Inc. All plant material shall meet or exceed the specifications of the federal, state, and county laws requiring inspection for disease and insect control. Botanical names shall take precedence over common names.



Appendix A: Site Furnishings Manufacturer Specifications

Victor Stanley, Inc.

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
 TEL (301) 855-8300 - FAX (410) 257-7579

PG 1 OF 1

PRODUCT SPECIFICATIONS

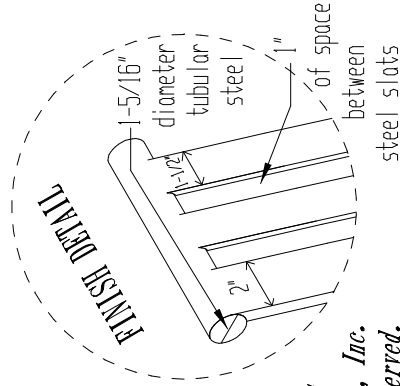
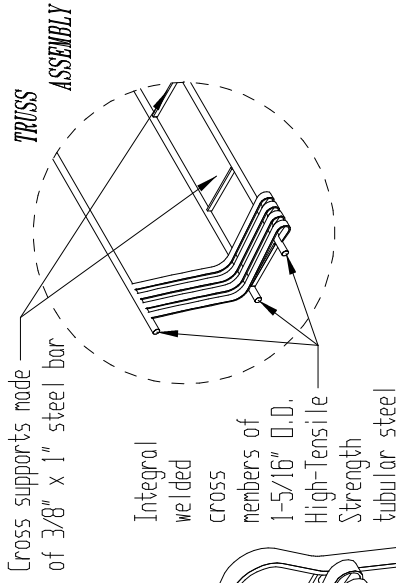
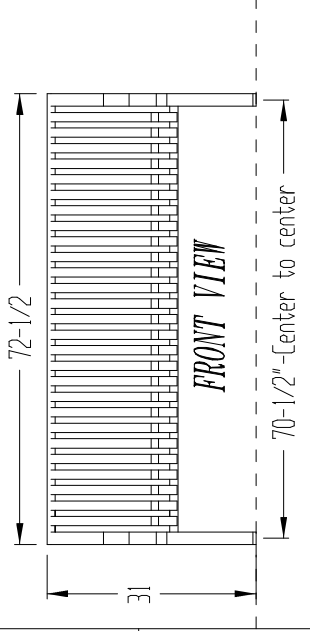
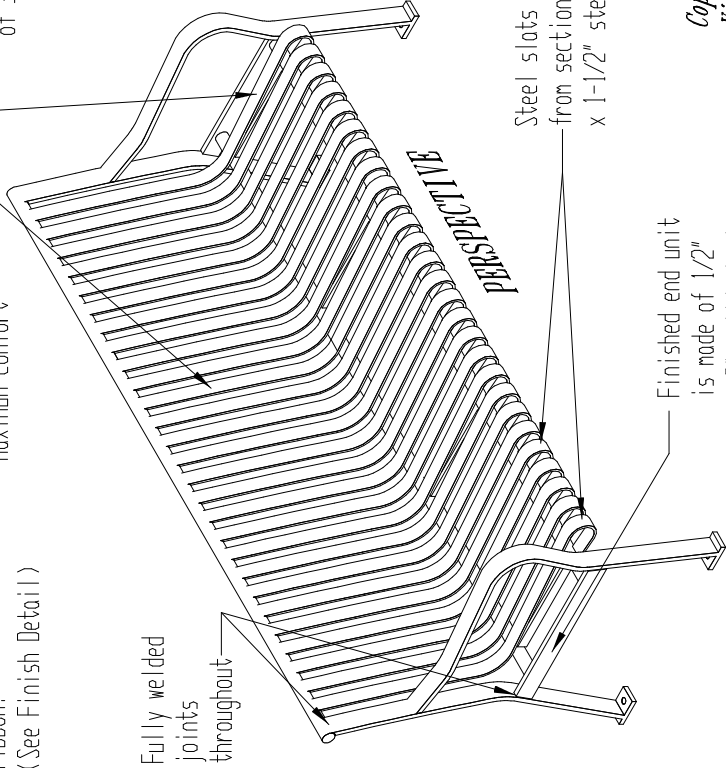
CADD Department VIEWS-6

DRAWN B.K.S. REV. 7/17/97

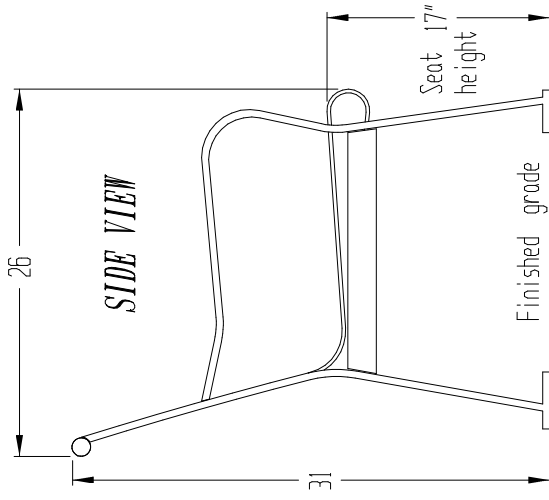
6ft RB-28 STEELSITESTM ** All Steel Contoured Bench Standard 6 Foot Length **

Note: Front welds are polished until they disappear, forming a continuous surface from the top tubular section to each steel ribbon.
 (See Finish Detail)

27 each, 1/4" x 1-1/2" steel seat members are gently reverse contoured for maximum comfort



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 Victor Stanley, Inc.
 All Rights Reserved.

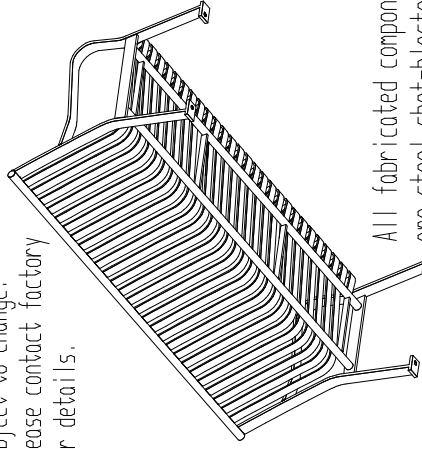


Note:

* It is NOT recommended to locate anchor bolts until bench is in place *

All specifications are subject to change. Please contact factory for details.

UNDER VIEW



All fabricated components are steel shot-blasted, etched, phosphatized and electrostatically powder-coated with TGIC (Anchor bolts to be provided by others) polyester powder coatings.

(4) 5/8" I.D. anchor bolt holes

Victor Stanley, Inc.

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
 TEL (301) 855-8300 - FAX (410) 257-7579

PG 1 OF 1

PRODUCT SPECIFICATIONS

CADD Department
 DRAWN B.K.S.
 VIEWS-5
 REV. 1/7/97

6ft RB-12 STEELSITES™

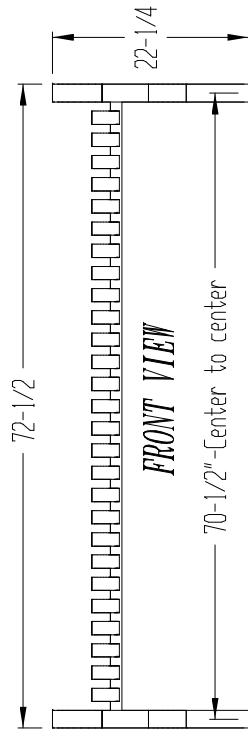
**** All Steel, Backless Flat Bench
 Standard 6 Foot Length ****

All fabricated components are steel shot-blasted, etched, phosphatized and electrostatically powder-coated with TGIC polyester powder coatings.

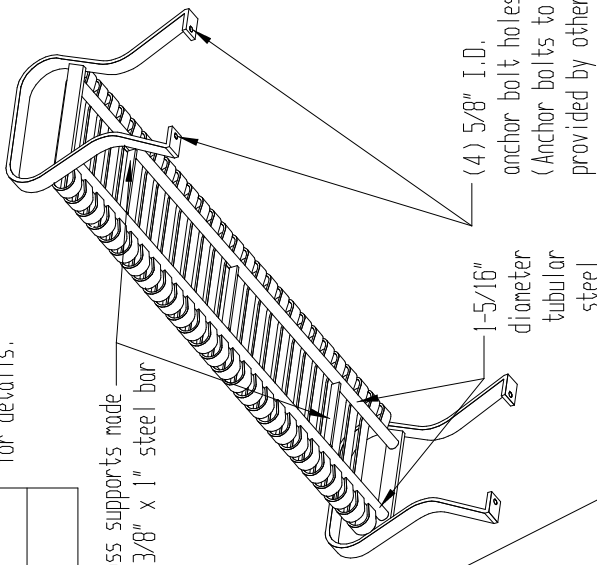
(27) steel ribbons are formed from sections of 1/4" x 1-1/2" solid steel bar with 1" spacing between members

*** All dimensions are in Inches ***

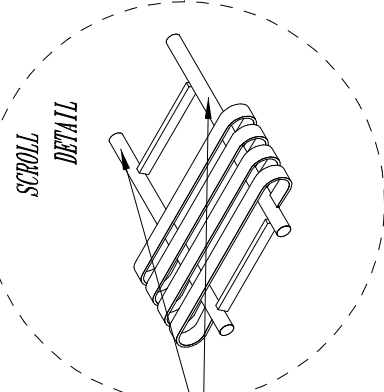
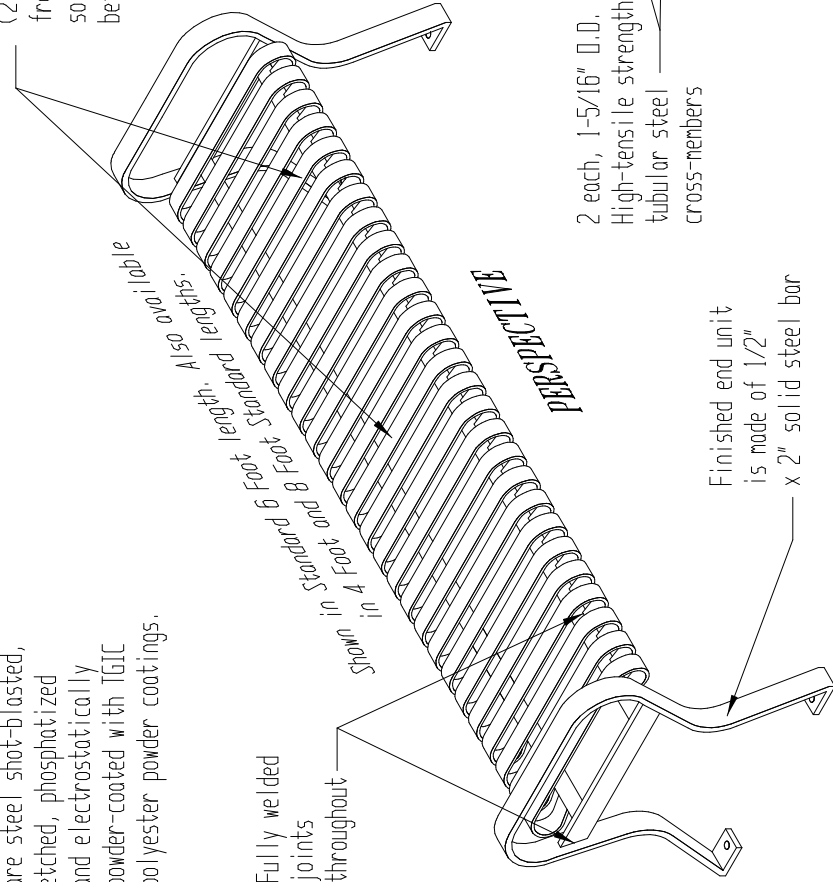
Copyright 1997
 Victor Stanley, Inc.
 All Rights Reserved.



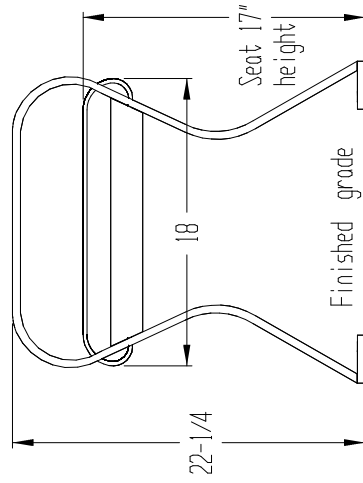
Gross supports made of 3/8" x 1" steel bar



All specifications are subject to change. Please contact factory for details.



SIDE VIEW



It is not recommended to locate anchor bolts until bench is in place.

Victor Stanley, Inc.
 Web site: www.victorstanley.com

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
 TEL (301) 855-8300 - FAX (410) 257-7579

DR# 1999_57
 PG 1 OF 1

PRODUCT SPECIFICATIONS

CADD Department VIEWS 5

DRAWN R.D.N. REV. 11/9/99

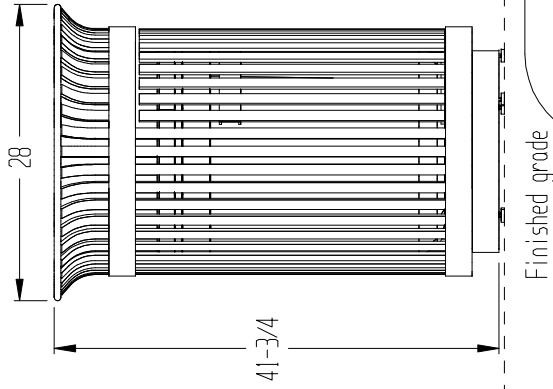
IRONSITES™ SD-42

36 Gallon Capacity Litter Receptacle Shown With Standard Spun Steel Lid

All fabricated components are steel shot-blasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings.

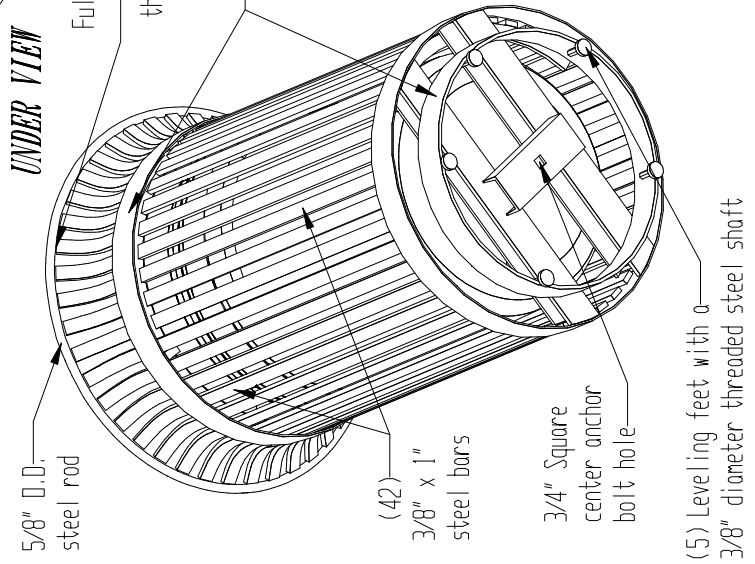
All specifications are subject to change. Please contact factory for details.

SIDE VIEW



* All dimensions are in Inches *

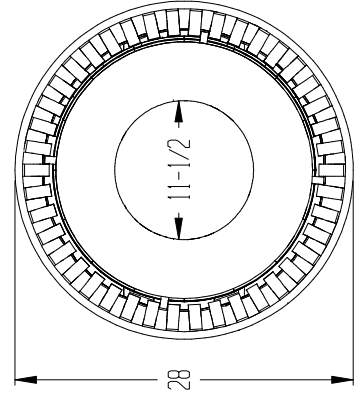
UNDER VIEW



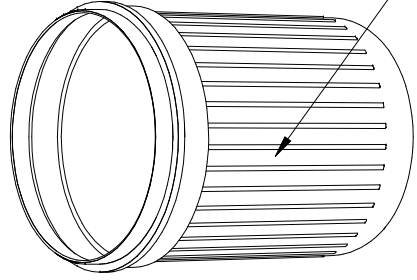
Fully welded joints throughout

1/4" x 2-1/2" solid steel bars

BOTTOM VIEW



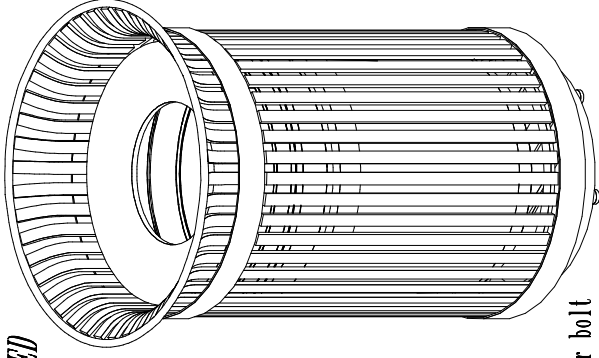
PERSPECTIVE OPEN



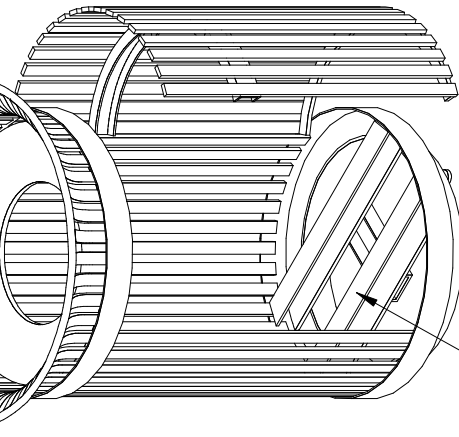
36 gallon capacity high density plastic liner sits on support bars

* Available with Lock or Latch *

PERSPECTIVE CLOSED



(Anchor bolt provided by others)



Transit Shelter

#TS610



FRAME: 2" x 2" cold drawn electro-welded structural mechanical steel tubing or specify optional steel tube frame with 2" exterior radius.

ROOF: Galvanized steel, structurally supported according to size and load requirements. Overhangs and/or fascias of all sizes available.

WALLS: 16 Ga. cold rolled galvanized steel panels MIG welded between frame and mullions for self-aligning unitized system, creating a structural diaphragm. This construction method (Pan and Post) was introduced into the market by B.I.G.

FLOOR: Booths can be set on a concrete pad or specify Steel plate, industrial tiles, Aluminum Diamond plate, Exterior grade plywood, or vinyl tile. All floors will have weather resistant B.I.G. Tru Trak™ threshold and can be mounted on 1", 2", 3" or 6" Steel Base. All booths include welded engineered Steel Drilled Anchor Plates. All steel floors are covered with our industrial non-skid "Tough Coat" or industrial tile.

DOORS: All steel structural tube frame with galvanized steel panels with safety glazing. Sliding doors are top suspended on steel no-maintenance ball-bearing rollers in steel track, with high security pocket jamb. Heavy duty hardware, keyed lock, and weather-stripping. Swinging, Dutch, or Bi-fold doors are also available.

WINDOWS: 16 Ga. galvanized steel window frame system (painted to match booth) with flush mounted corners and welded fastening. Tempered clear safety glass throughout, interior glass stops with heavy duty fasteners.

SHELVING: Heavy duty steel shelves with factory finish. Shelves are rated at 250 lb. plus load. Standard size is 20" deep.

ELECTRIC SYSTEM: U.L. approved system, heater, lights wired to N.E.C. standards. Load Center is 125 Amp 120/240 volt, single phase, 3 wire 8 pole flush mounted in sheet metal cabinet for concealing site connections. Duplex outlets and fluorescent lights with single pole wall switch.

HEATER: Fan forced electric heater 1500 watts 5120 BTU with thermostat. Mounted next to load center in sheet metal cabinet. Larger sizes available.

FINISHES: Rust inhibitive high build epoxy primer and two part polyurethane finish coat. Superior impact, fade resistant as well as graffiti and chemical resistant. Exceeds 1500 hour salt test and 75 Tabor test.

WEATHER PROOFING: All booths are weather-tight for interior or exterior use. All seams and joints are pressure bondered. All opening are fully weather stripped. Roofs have heat protective membrane coating. Floor underside is coated.

SAFETY FEATURES: Bullet Proofing available.

City of Canton: Lighting Specifications

TYPE A

▪ Luminaire Fixture:

Part Number LMS18163A – TYPE A

(Note specifications to follow)

▪ Mast Arm / Traffic Signal Arm:

Pole: WEL/10/24-TS-F/20'-MA/30'-MA/25'

Single Arm: SK-VI-WEL/10-TS-F/20'-20' ARM

20' Straight, Smooth Mast Arm with Simplex Clamp

Double Arm: SK-VI-WEL/10-TS-F/20'-25'/30' ARM

25' Straight, Smooth Mast Arm with Simplex Clamp

30' Straight, Smooth Mast Arm with Simplex Clamp

- 20' Pole Height with 28" O.D. Base
- 48" High Base Assembly
- Finish: Black Powder Coat

Qty	Luminaire Bracket Pole	Z65B-100HPS-3-AC-208-BK-LMS18163A CRF-1A-BK-LMS18163A R100D-14.5-BK-LMS18163A
-----	------------------------------	---

Luminaire

- 1- Hood:** Spun aluminum 1100-0 tapered shape, mechanically assembled on the luminaire.
- 2- Globe:** Made of one-piece seamless injected-molded acrylic having a prismatic exterior surface. The globe is mechanically assembled on the access-mechanism.
- 3- Lamp:** 100 watts high pressure sodium (not included), ED 23 1/2 bulb, mogul base.
- 4- Optical System:** (3), I.E.S type III (asymmetrical). Reflector composed of a chemically brightened multi-faceted anodized aluminum, mounted on a white frame. This assembly permits for a full rotation of the optical system in 90 degree increments.
- 5- Ballast:** High power factor of 90%. Primary voltage 208 volts. Lamp starting capacity -40F(-40C) degrees. Assembled on a unitized removable tray with quick disconnect plug.
- 6- Access-Mechanism:** A cast 356 aluminum frame with latch and hinge. The mechanism shall offer toolfree access to the inside of the luminaire. An embedded memory-retentive gasket shall ensure weatherproofing.

Bracket

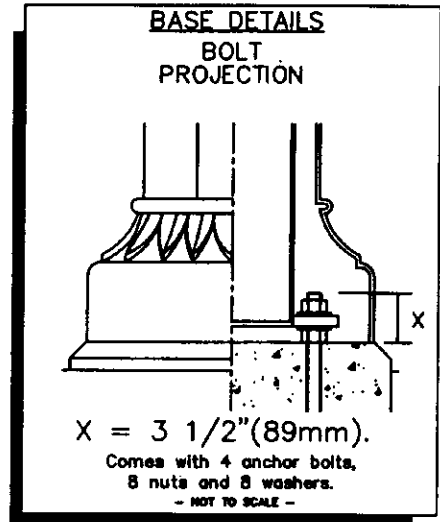
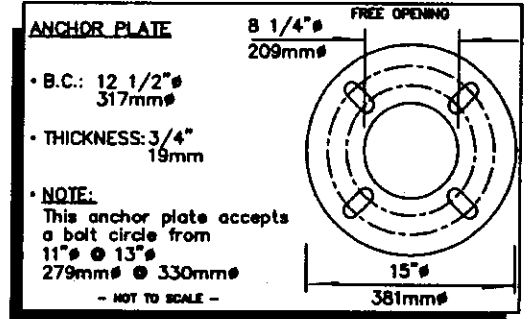
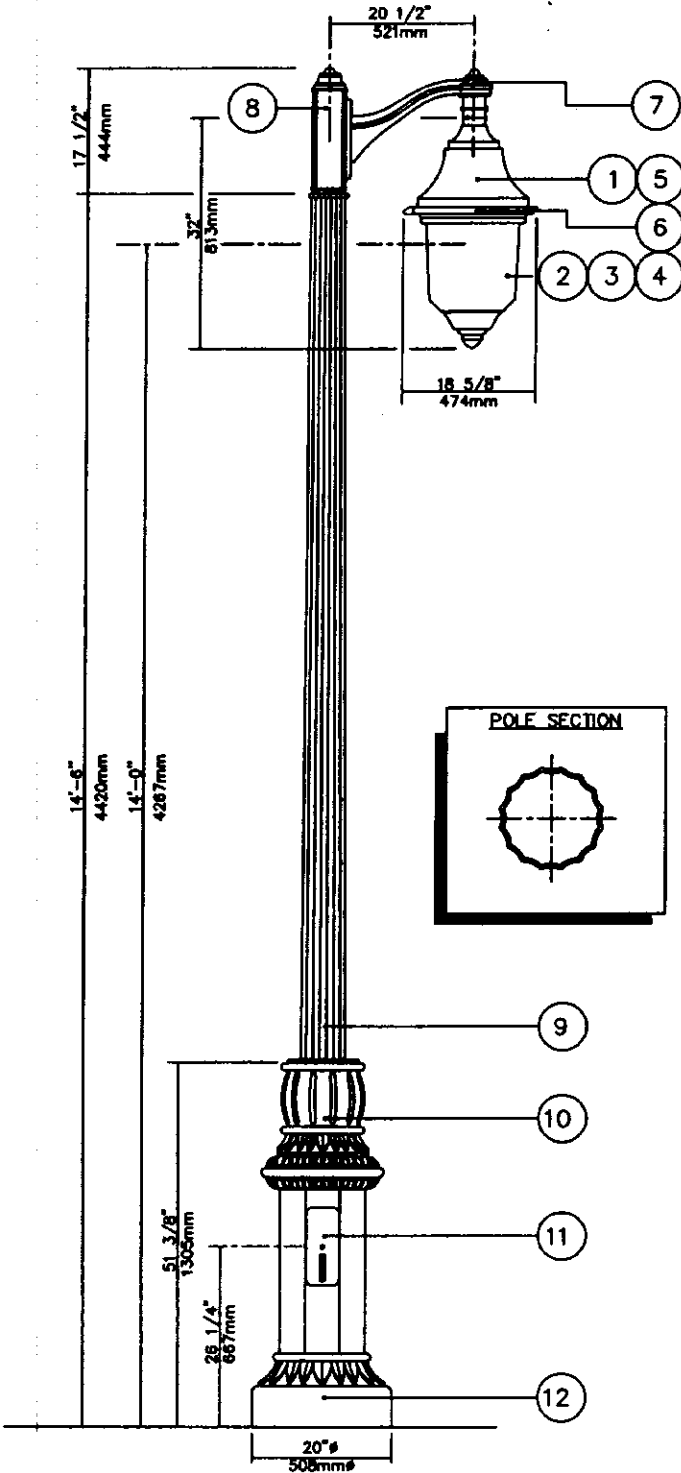
- 7- Arm:** Made of cast 356 aluminum, mechanically assembled.
- 8- Central Tubing:** Made of aluminum 6063-T5, slip fits 9" (229mm) over a 4" (102mm) outside diameter pole tenon, mechanically fastened by four set-screws at 90 degrees around the bracket.

Pole

- 9- Pole Shaft:** Shall be made from a 16 fluted round mandrel-formed high tensile carbon steel tapered shaft, having a 0.120" (3.0mm) wall thickness, welded to the pole base.
- 10- Pole Base:** Shall be made from a 8 5/8" (219mm) round high tensile carbon steel tubing base having a 0.180" (4.6mm) wall thickness, welded to both the bottom and top of the anchor plate.
- 11- Maintenance Opening:** The pole shall have a 4" x 10" (102mm x 254mm) maintenance opening centered 26 3/4" (654mm) from the bottom of the anchor plate, complete with a weatherproof cast 356 aluminum cover and a factory assembled copper ground lug.
- 12- Base Cover:** Two-piece round base cover made from cast 356 aluminum, complete with a cast-in access door, mechanically fastened with stainless steel screws.

Miscellaneous

- Wiring:** Type TEW 14 ga. 6" (152mm) minimum exceeding from the top if bracket.
- Hardware:** All exposed screws will be in stainless steel. Neoprene and/or silicone gasketing is applied.
- Finish:** Color to be black (BK). Application of a polyester powder coat paint. (4 mils/100 microns). The chemical composition provide a highly durable UV and salt spray resistant finish in accordance to the ASTM-B117-73 standard and humidity proof in accordance to the ASTM-D2247-68 standard.



• ANCHORING BOLTS
 STEEL, 1" x 36"
 (supplied by LUMEC inc).

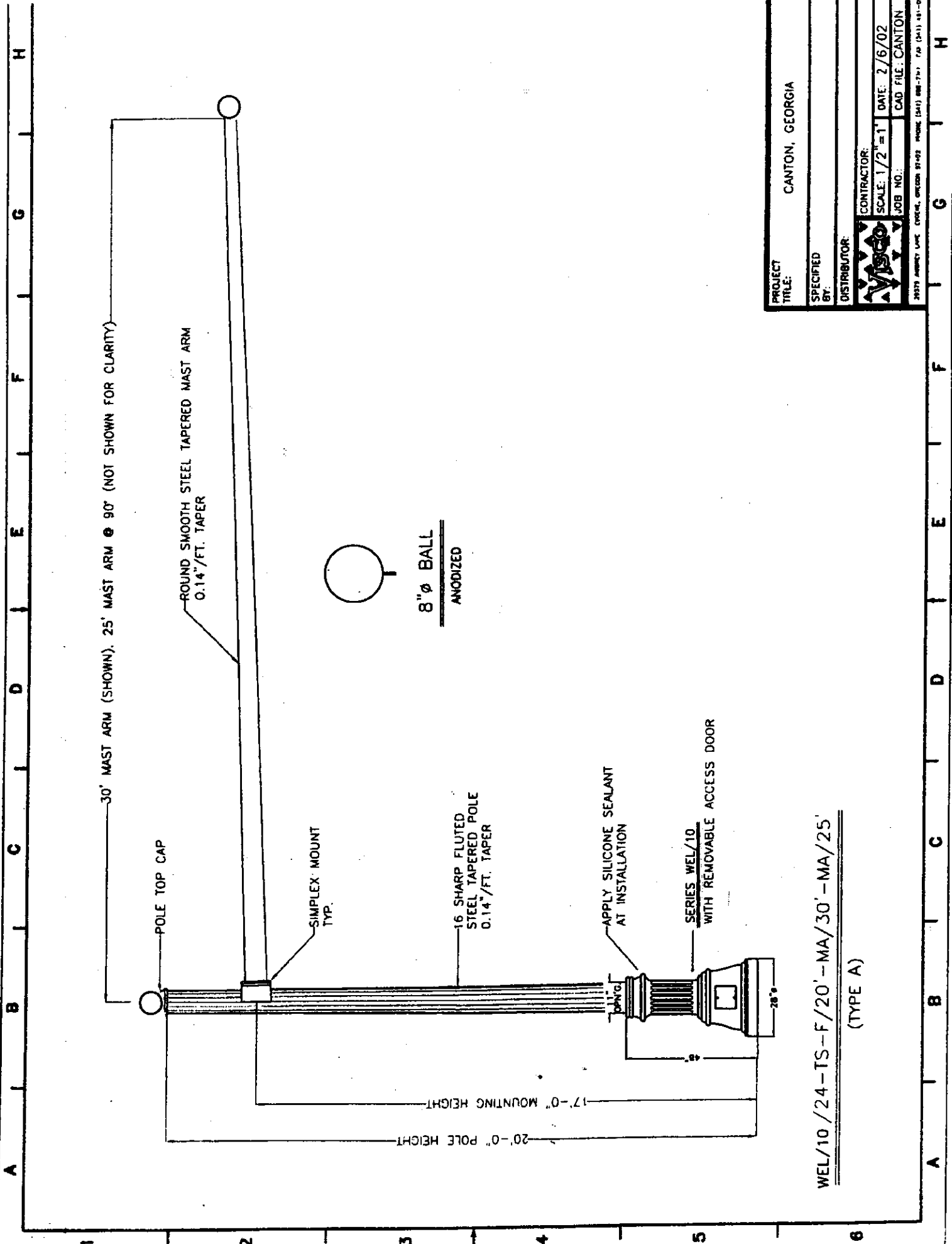
TITRE: ENREGISTRÉ
 TITLE: REGISTERED

ECHELLE/SCALE: ISO 9002
 1/2" = 1'-0"

CITY OF CANTON
 Z65B LMS18163A

35585

N°	REVISION	PAR./BY	DATE	VER.	PAR./BY	N° DE DESSIN / DRAWING N°	PAGE
1	REVISED	LL	02-19-02		EM	Z65 71429A	1/2



WEL/10 / 24-TS-F/20'-MA/30'-MA/25'-MA/25'
 (TYPE A)

PROJECT TITLE:	CANTON, GEORGIA		
SPECIFIED BY:			
DISTRIBUTOR:			
CONTRACTOR:	SCALE: 1/2"=1'	DATE: 2/6/02	
JOB NO.:	CAD FILE: CANTON		
<small>2837 JIMMY LANE CUMEC, GREEEN STAGE PHONE (541) 888-7201 FAX (541) 881-0800</small>			

City of Canton: Lighting Specifications

TYPE B

▪ Luminaire Fixture:

Part Number LTS367 – TYPE B

Includes special base with break-away couplings required in D.O.T. maintained areas.

(Note specifications to follow)

▪ Mast Arm / Traffic Signal Arm:

Pole: VI-EM/24-TS-S/20'-MA/30'-MA/25'

Single Arm: SK-VI-EM/10-TS-S/20'-20' ARM

20' Straight, Smooth Mast Arm with Simplex Clamp

Double Arm: SK-VI-EM/10-TS-S/20'-25'/30' ARM

25' Straight, Smooth Mast Arm with Simplex Clamp

30' Straight, Smooth Mast Arm with Simplex Clamp

- 20' Pole Height with 24.5" O.D. Base
- 44" High Base Assembly
- Finish: Bronze Powder Coat



Type B: LTS367-TYPE B

800, Curé Boivin
Boisbriand, (Qué), Canada
J7G 2A7
Tél.: (450) 979-2747
Fax: (450) 979-2749
www.lumeckschreder.com

APPROVAL DRAWING DESCRIPTION OF COMPONENTS - HBM

#2753	PROJECT: Canton City of	type: B
#5066	ORDER: HBM-400PS-DIST-240-RC-PH8-EL-6-1A-STR-30-1X36-11.5-BR-LTS367A	qty:

- 1- **BIRD GUARD:** Prevents birds from entering the luminaries. Made of high density polyethylene 0.030 in. (0.8mm) thick and captive to the housing.
- 2- **ADJUSTMENT:** An integral part of the housing, permits an adjustment of $\pm 10^\circ$.
- 3- **TERMINAL BLOCK:** Receives wires (#8 max.) on primary circuit c/w ground lug.
- 4- **BALLAST :** HPS (high pressure sodium), 400 watts, 240 high power factor, -40°F (-40°C) lamp starting capacity, c/w polarized quick disconnect plugs with positive lock. Optional regulator type: HX-HPF (high reactance ballast, high power factor), CWA (constant wattage autotransformer), CWI (constant wattage insulated autotransformer) or RL (regulated lag).
- 5- **CAPACITOR:** As required for respective ballast, PCB free.
- 6- **HOUSING:** Made of die cast A383 aluminum alloy (as per Aluminum Association) 0.100" (2.54mm) minimum thickness c/w mounting provision for hardware.
- 7- **LOCKING SYSTEM:** Three points spring loaded inter-locking latch made of die cast A383 aluminum alloy, permits tool frees access to luminaire.
- 8- **REFLECTOR:** Made of hydroformed 3002-0 aluminum alloy chemically brightened and anodized (5-micron min.). The Sealsafe optical system is rated IP66 and offer a resistance of $R>600$.
- 9- **LENS:** Sagged, made of clear tempered glass, 0.20po (5mm) thick and shock resistant.
- 10- **SLEEVE:** Die cast glass-reinforced resin, mechanically fastened to reflector and fully silicone gasketed.
- 11- **SHUTTER:** Injection molded glass fiber reinforced polymer. Removable with a quarter turn c/w Porcelain body mogul 4kv c/w a injection molded silicone gasket (duro 60 shore A). Adjustment to obtain the various IES distribution is tool-less. Distribution type available: MC2 (type II medium cut-off), MS2 (type II medium semi cut-off), MN2 (type II medium non cut-off), MN3 (type III medium non cut-off).
LAMP: (not included) type ED18
- 12- **LENS FRAME:** Made of die cast A383 aluminum alloy.
- 13- **IDENTIFICATION LABEL:** and source used identifies the wattage according to ANSI standards.
- 14- **BALLAST TRAY:** Made of galvanized steel (18ga.), pivoting and easily removed without tools.
- 15- **RETAINING BOLTS:** Made of steel 3/8 -16 UNC.
- 16- **BRACKET (2):** Single-piece, made of stamped galvanized-steel (12ga.).
- 17- **SPRING:** Made of 304 stainless steel wire, 1/8" (3mm) diameter. Holds lens frame captive.
- 18- **BRACKET TENON:** Accommodates tenon ranging between 1 1/2" (38mm) to 2 3/8" (60mm) OD.

CERTIFICATION: CSA, UL, Other _____ Non applicable.

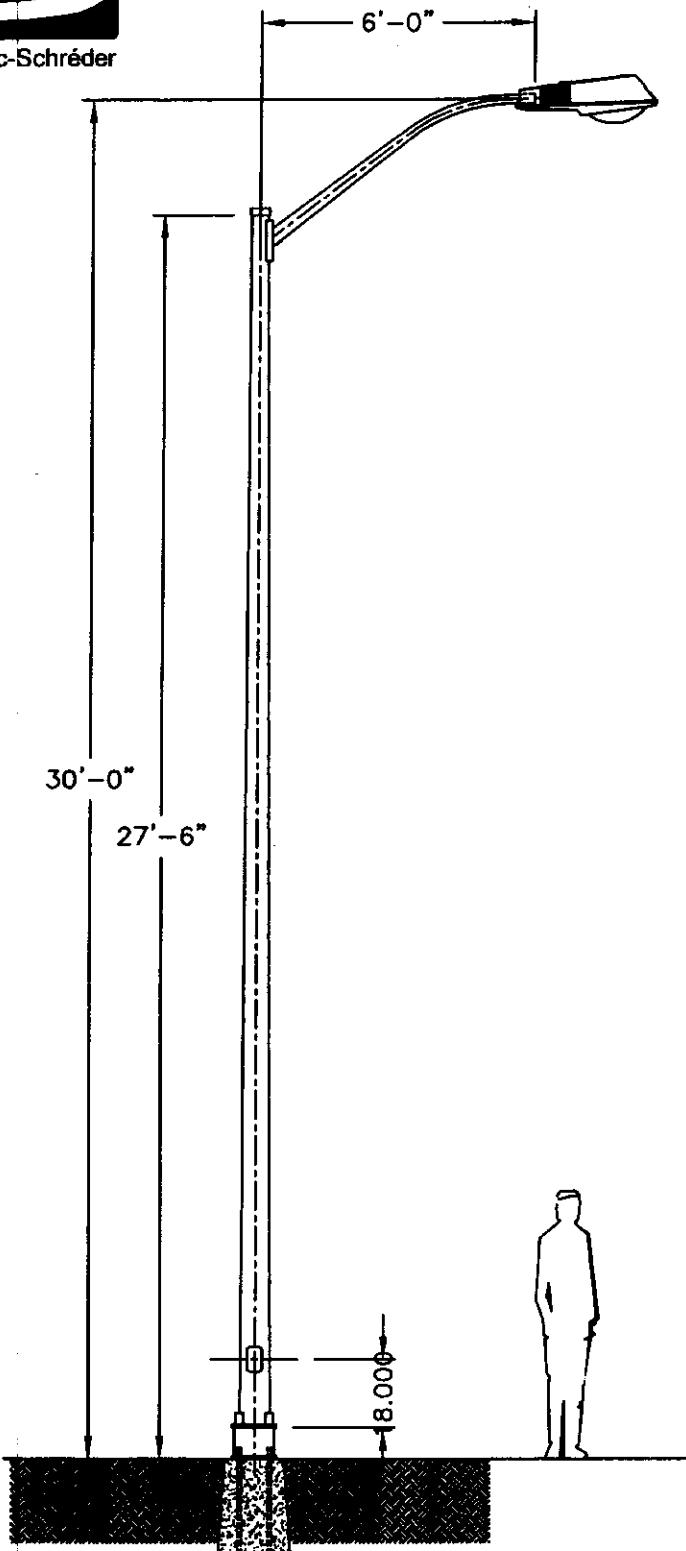
FINISH: Hot dip chemical etching preparation with minimum 3 mils (75 microns) polyester powder coat finish. Durable UV-resistant exterior finish as per ASTM B117 and ASTM D2247 testing procedures. Color is BR (bronze).

- OPTIONS:**
- | | |
|--|---|
| <input checked="" type="checkbox"/> (RC) Receptacle for quarter turn type photocell. | <input type="checkbox"/> (LP) Lamp included. |
| <input type="checkbox"/> (PH9) Shorting cap. | <input type="checkbox"/> (STB) Anti-Vibration kit. |
| <input checked="" type="checkbox"/> (PH8) Photocell. | <input type="checkbox"/> (FS1) Single fuse and fuse holder. |
| <input type="checkbox"/> (JP) Job packaging. | <input type="checkbox"/> (FS2) Double fuse and fuse holder. |
| <input checked="" type="checkbox"/> (SQD) Starter with quick disconnect. | <input type="checkbox"/> (PI) Pattern indicator. |
| <input type="checkbox"/> (CRC) Special anti-corrosion pretreatment | <input type="checkbox"/> (BL) Bubble level. |
| <input type="checkbox"/> (SC) Special color | |



800, boul Curé Boivin
Boisbriand (Qc), Canada, J7G 2A7
Tel: (450)979-2747
Fax: (450)979-2749
www.lumecschreder.com

Lumec-Schröder



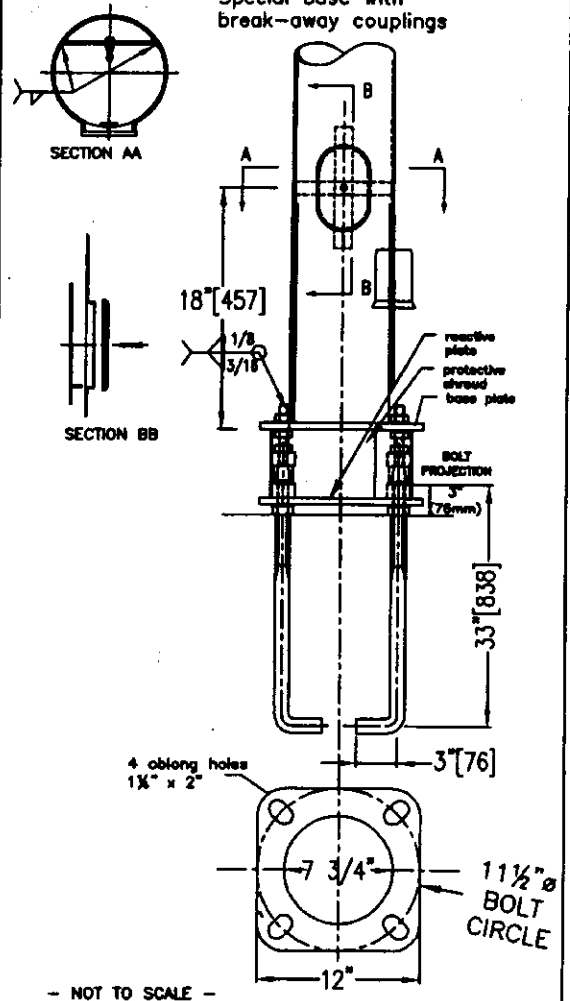
Type B: LTS367-TYPE B

PROJECT #2753 CITY OF CANTON
ORDER #5066
HBM-400HPS-DIST-240-RC-PH8-EL-6-1A-STR30
-1X36-11.5-BR-LTS367

ELLIPTICAL ARM (6')
-tapered 6063-T6 aluminum tube 1/8"th.
-tenon for luminaire: 2 3/8"ø x 8" lg.

STEEL ROUND TAPERED POLE
-steel 11ga (0.120")
-bottom diameter 8", top diameter 4 1/2"
-hand-hole 4" x 6 1/2", c/w ground lug 3/8"ø
-base plate 12" x 12", steel 44W

BASE DETAILS Special base with break-away couplings



• ANCHOR BOLTS: 50000 PSI
GALVANIZED STEEL 1"ø x 33"+3"
(supplied by Lumec-Schröder inc).

Type B: LTS367-TYPE B

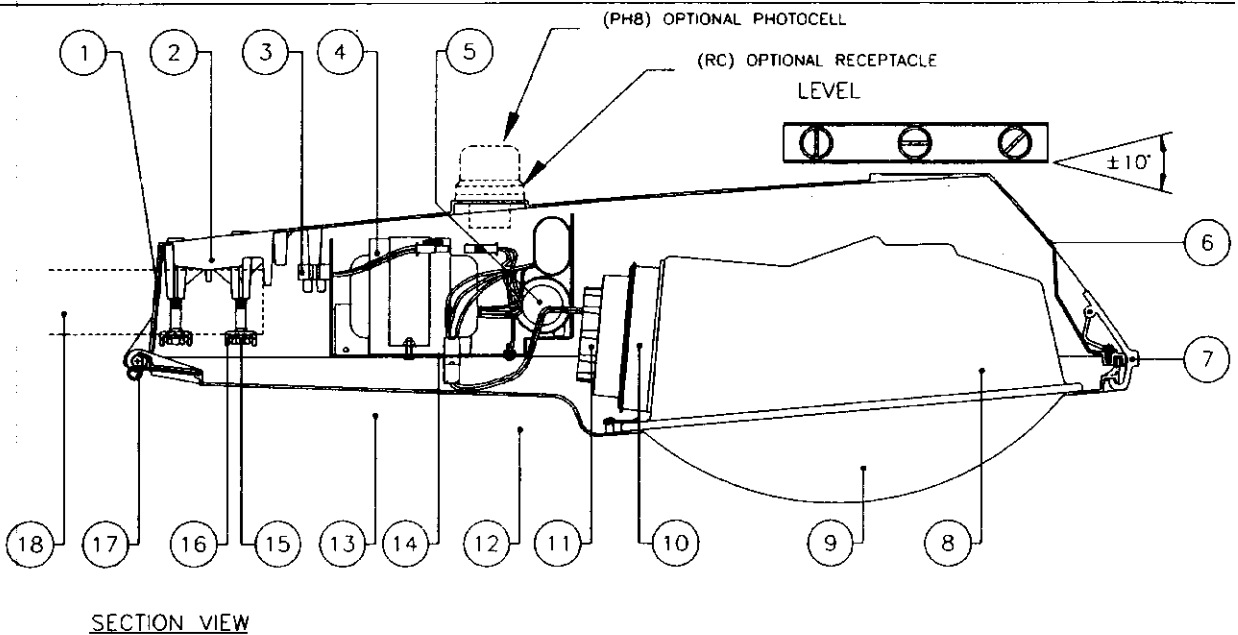
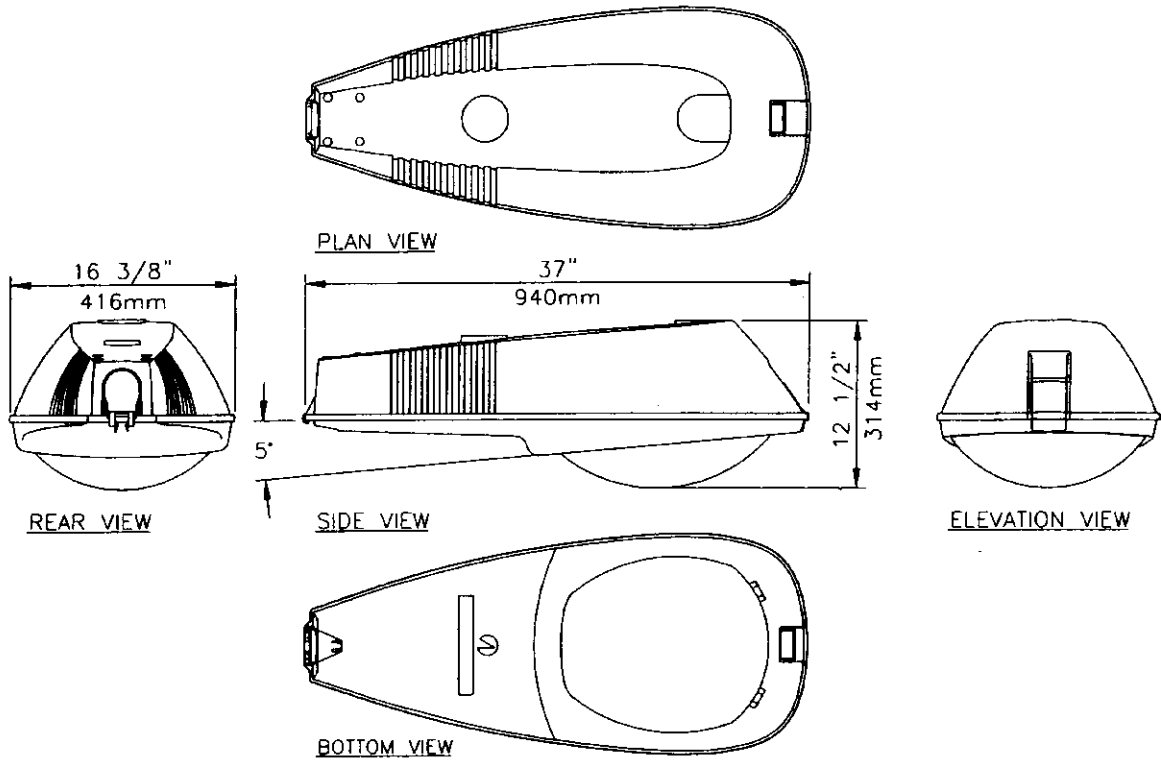
Par/By:	Titre: POLE AND ELLIPTICAL BRACKET			F-10
Drawn by:	f.b	Echelle: Scale:	1/4" = 1'-0"	Date: SEP.28/01
Verified Verified		No. dessin: Dwg. Num.:	5066b	Page: 1/1

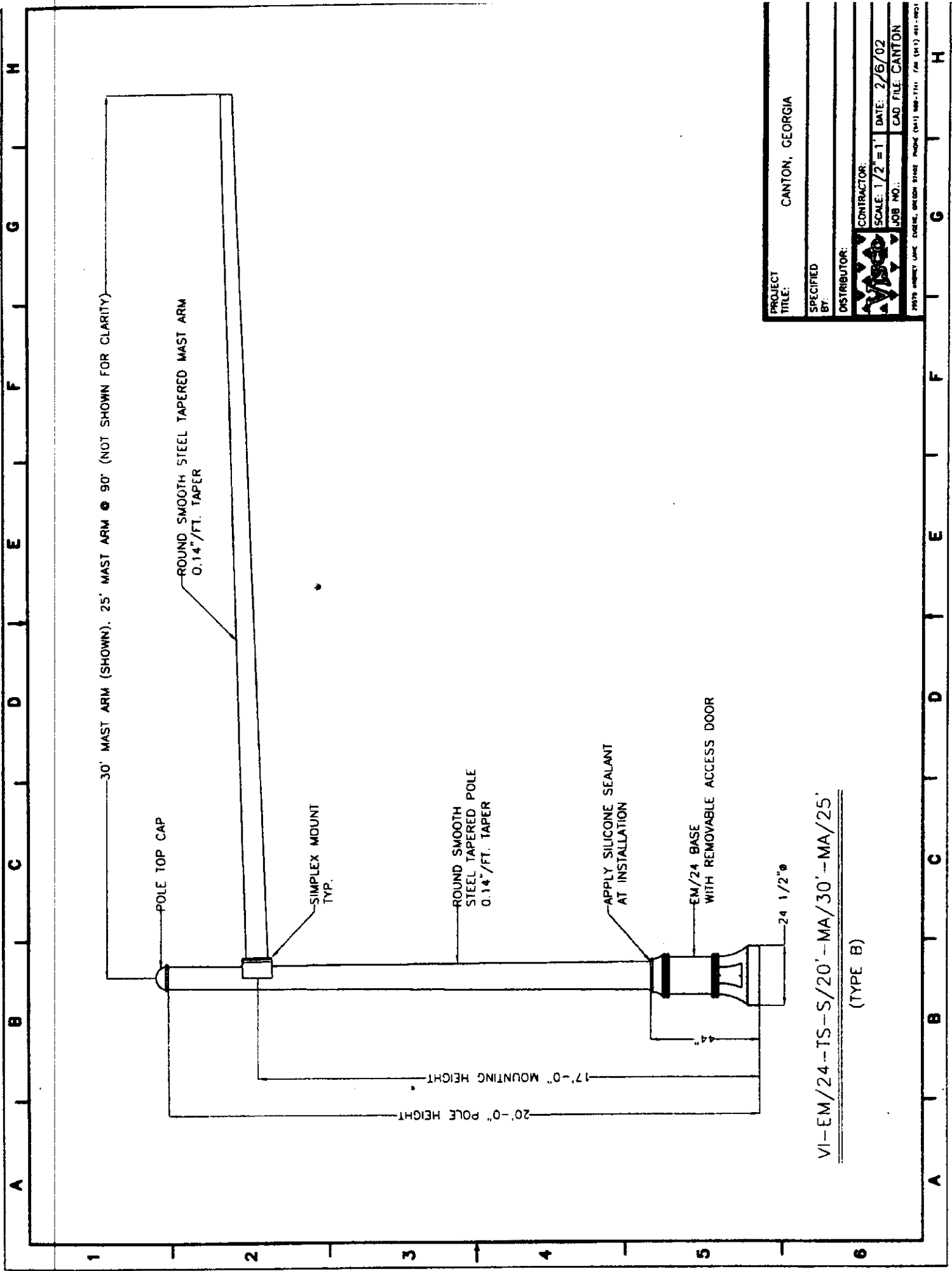


Type B: LTS367-TYPE B

800, Curé Boivin
Boisbriand, (Qué), Canada
J7G 2A7
Tél.: (450) 979-2747
Fax: (450) 979-2749
www.lumecschrader.com

APPROVAL DRAWING DESCRIPTION OF COMPONENTS - HBM





30' MAST ARM (SHOWN), 25' MAST ARM @ 90° (NOT SHOWN FOR CLARITY)

POLE TOP CAP

ROUND SMOOTH STEEL TAPERED MAST ARM
0.14"/FT. TAPER

SIMPLEX MOUNT
TYP.

ROUND SMOOTH
STEEL TAPERED POLE
0.14"/FT. TAPER

APPLY SILICONE SEALANT
AT INSTALLATION

EM/24 BASE
WITH REMOVABLE ACCESS DOOR

24 1/2"

20'-0" POLE HEIGHT

17'-0" MOUNTING HEIGHT

VI-EM/24-TS-S/20'-MA/30'-MA/25'

(TYPE B)

PROJECT TITLE: CANTON, GEORGIA
SPECIFIED BY:
DISTRIBUTOR:

CONTRACTOR:
SCALE: 1/2" = 1'
JOB NO.:

DATE: 2/6/02
CAD FILE: CANTON



2025 SHAW-WALKER ENGINEERING, INC. 1000-7101 (Rev. 01/17) 001-001

City of Canton: Lighting Specifications

TYPE C / CB

▪ Luminaire Fixture:

- Part Number LMS19689A – TYPE C
- Part Number LMS19689B - TYPE CB

Includes special base with break-away couplings required in D.O.T. maintained areas.

(Note specifications to follow)

▪ Mast Arm / Traffic Signal Arm:

Pole: VI-EM/24-TS-F/20'-MA/30'-MA/25'

Single Arm: SK-VI-EM/10-TS-F/20'-20' ARM

20' Straight, Smooth Mast Arm with Simplex Clamp

Double Arm: SK-VI-EM/10-TS-F/20'-25'/30' ARM

25' Straight, Smooth Mast Arm with Simplex Clamp

30' Straight, Smooth Mast Arm with Simplex Clamp

- 20' Pole Height with 24.5" O.D. Base
- 44" High Base Assembly
- Finish: Black Powder Coat

LUMEC

Qty	Type	C
	Luminaire	250HPS-RN20-THA3-PC-208-BK-LMS19689A
	Bracket	CRL-1A-RNA-BK-LMS19689A
	Pole	R92D-24-BK-LMS19689A

Luminaire

- 1- Hood:** Cast 356 aluminum dome, mechanically assembled on the luminaire.
- 2- Globe:** Made of one-piece seamless injected-molded polycarbonate having an inner prismatic surface c/w semi prismatic house side shield and a textured exterior surface. The globe is mechanically assembled on the access-mechanism.
- 3- Lamp:** 250 watts high pressure sodium (not included), ED 18 bulb, mogul base.
- 4- Optical System:** (THA3-PC), I.E.S. type III hyper-extensive (asymmetrical). Sealsafe system, composed of brightened anodized aluminum hydroformed reflector, permanently assembled on a refractor globe. Watertightness IP66 rating. This assembly is toolfree removable from the technical ring.
- 5- Ballast:** High power factor of 90%. Primary voltage 208 volts. Lamp starting capacity -40F(-40C) degrees. Assembled on a unitized removable tray with quick disconnect plug.
- 6- Access-Mechanism:** A cast 356 aluminum frame with latch and hinge. The mechanism shall offer toolfree access to the inside of the luminaire. An embedded memory-retentive gasket shall ensure weatherproofing.
- 7- Housing:** In a round shape, this housing is made of cast aluminum 356, mechanically assembled to the bracket.

Bracket

- 8- Arm:** Shall be made from bent aluminum tubing 6061-T6, 3 1/2" (89mm) outside diameter, welded.
- 9- Central Tubing:** Made of aluminum 6061-T6, 5" (127mm) outside diameter, complete with a tenon that slip-fits 12" (305mm) on the pole tenon. The bracket shall be mechanically fastened to the pole tenon by two sets of three set-screws at 120 degrees.

Pole

- 10- Pole tenon:** Shall be made from steel tubing, to receive the bracket tenon, welded to the pole shaft.
- 11- Pole Shaft:** Shall be made from a 16 fluted round mandrel-formed high tensile carbon steel tapered shaft, having a 0.120" (3.0mm) wall thickness, welded to the pole base.
- 12- Pole Base:** Shall be made from a 8 5/8" (219mm) round high tensile carbon steel tubing base having a 0.180" (4.6mm) wall thickness, welded to both the bottom and top of the anchor plate.
- 13- Maintenance Opening:** The pole shall have a 4" x 10" (102mm x 254mm) maintenance opening centered 20" (508mm) from the bottom of the anchor plate, complete with a weatherproof cast 356 aluminum cover and a factory assembled copper ground lug.
- 14- Base Cover:** Two piece round base cover made from cast 356 aluminum, mechanically fastened with stainless steel screws.

Miscellaneous

- Wiring:** Type TEW 14 ga. 12" (305mm) minimum exceeding the top of the bracket. All electrical connections shall be made with quick-disconnect connectors.
- Hardware:** All exposed screws will be in stainless steel. Neoprene and/or silicone gasketing is applied.
- Finish:** Color to be black NON TEXTURED (BK). Application of a polyester powder coat paint. (4 mils/100 microns). The chemical composition provide a highly durable UV and salt spray resistant finish in accordance to the ASTM-B117-73 standard and humidity proof in accordance to the ASTM-D2247-68 standard.

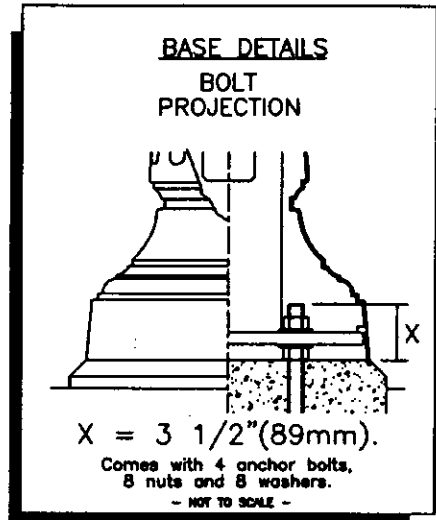
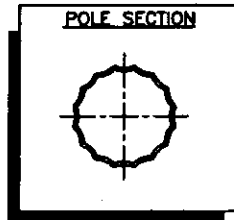
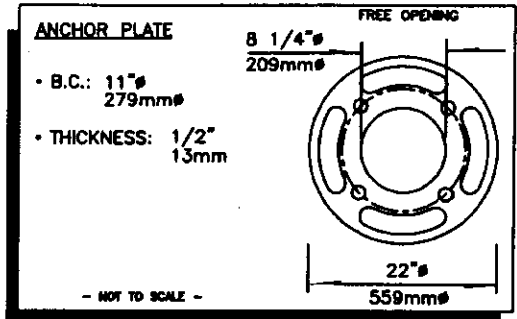
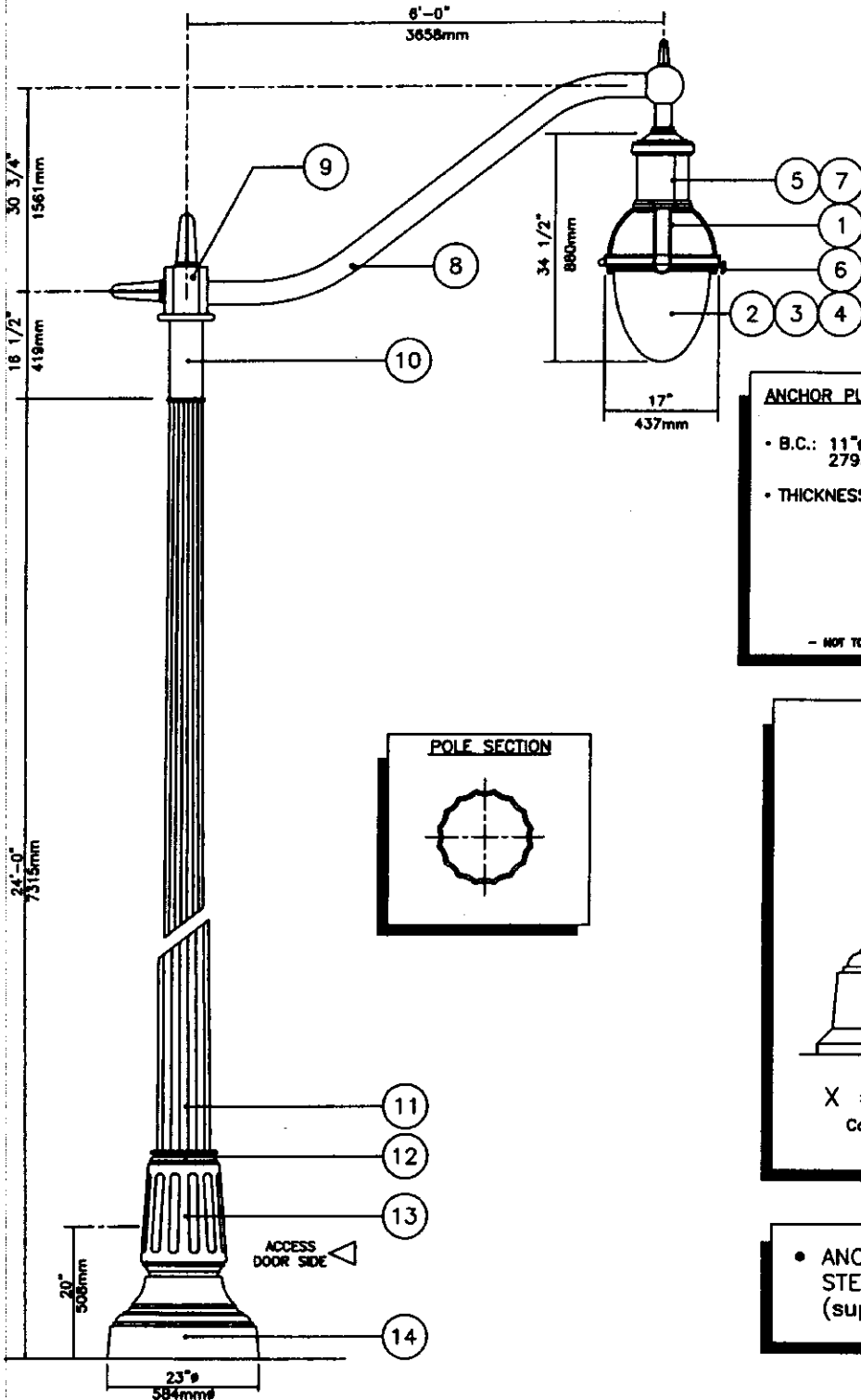
Type C: LMS19689A-TYPE C

LUMEC

840, boul. Curé Boivin
 Boisbriand (Qc), Canada, J7G 2A7 Fax: (450)430-1453

Tel: (450)430-7040

Fax: (450)430-1453



• ANCHORING BOLTS
 STEEL, 1" x 36"
 (supplied by LUMEC inc).

TITRE:

TITLE:

ENREGISTRÉ
 ISO 9002
 REGISTERED

City of Canton Streetscape
 RN20 LMS19689A (Type: C)

ÉCHELLE/SCALE:	N°	REVISION	PAR./BY:	DATE:	VER.:	PAR./BY:	N° DE DESSIN / DRAWING N°	PAGE
1/2" = 1'-0"				10-04-01		TV	RN20 35585A	1/2

LUMEC

Qty	Type	CB
	Luminaire	250HPS-RN20-THA3-PC-208-BK-LMS19689A
	Bracket	CRL-1A-RNA-BK-LMS19689A
	Pole	R92D-24-BK-LMS19689A

Luminaire

- 1- Hood:** Cast 356 aluminum dome, mechanically assembled on the luminaire.
- 2- Globe:** Made of one-piece seamless injected-molded polycarbonate having an inner prismatic surface c/w semi prismatic house side shield and a textured exterior surface. The globe is mechanically assembled on the access-mechanism.
- 3- Lamp:** 250 watts high pressure sodium (not included), ED 18 bulb, mogul base.
- 4- Optical System:** (THA3-PC), I.E.S. type III hyper-extensive (asymetrical). Sealsafe system, composed of brightened anodized aluminum hydroformed reflector, permanently assembled on a refractor globe. Watertightness IP66 rating. This assembly is toolfree removable from the technical ring.
- 5- Ballast:** High power factor of 90%. Primary voltage 208 volts. Lamp starting capacity -40F(-40C) degrees. Assembled on a unitized removable tray with quick disconnect plug.
- 6- Access-Mechanism:** A cast 356 aluminum frame with latch and hinge. The mechanism shall offer toolfree access to the inside of the luminaire. An embedded memory-retentive gasket shall ensure weatherproofing.
- 7- Housing:** In a round shape, this housing is made of cast aluminum 356, mechanically assembled to the bracket.

Bracket

- 8- Arm:** Shall be made from bent aluminum tubing 6061-T6, 3 1/2" (89mm) outside diameter, welded.
- 9- Central Tubing:** Made of aluminum 6061-T6, 5" (127mm) outside diameter, complete with a tenon that slip-fits 12" (305mm) on the pole tenon. The bracket shall be mechanically fastened to the pole tenon by two sets of three set-screws at 120 degrees.

Pole

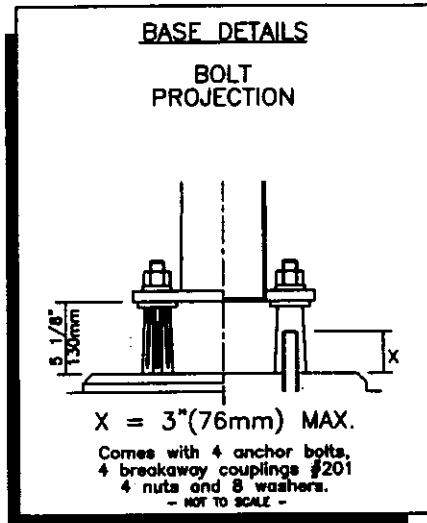
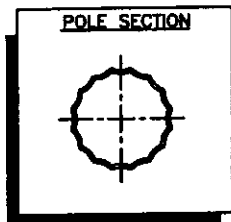
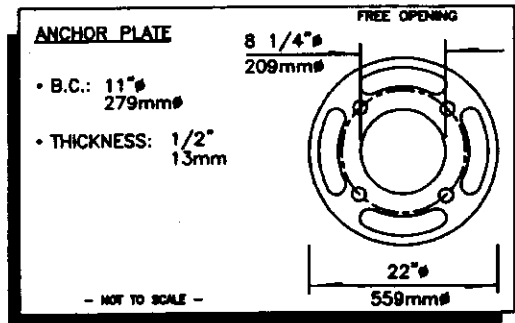
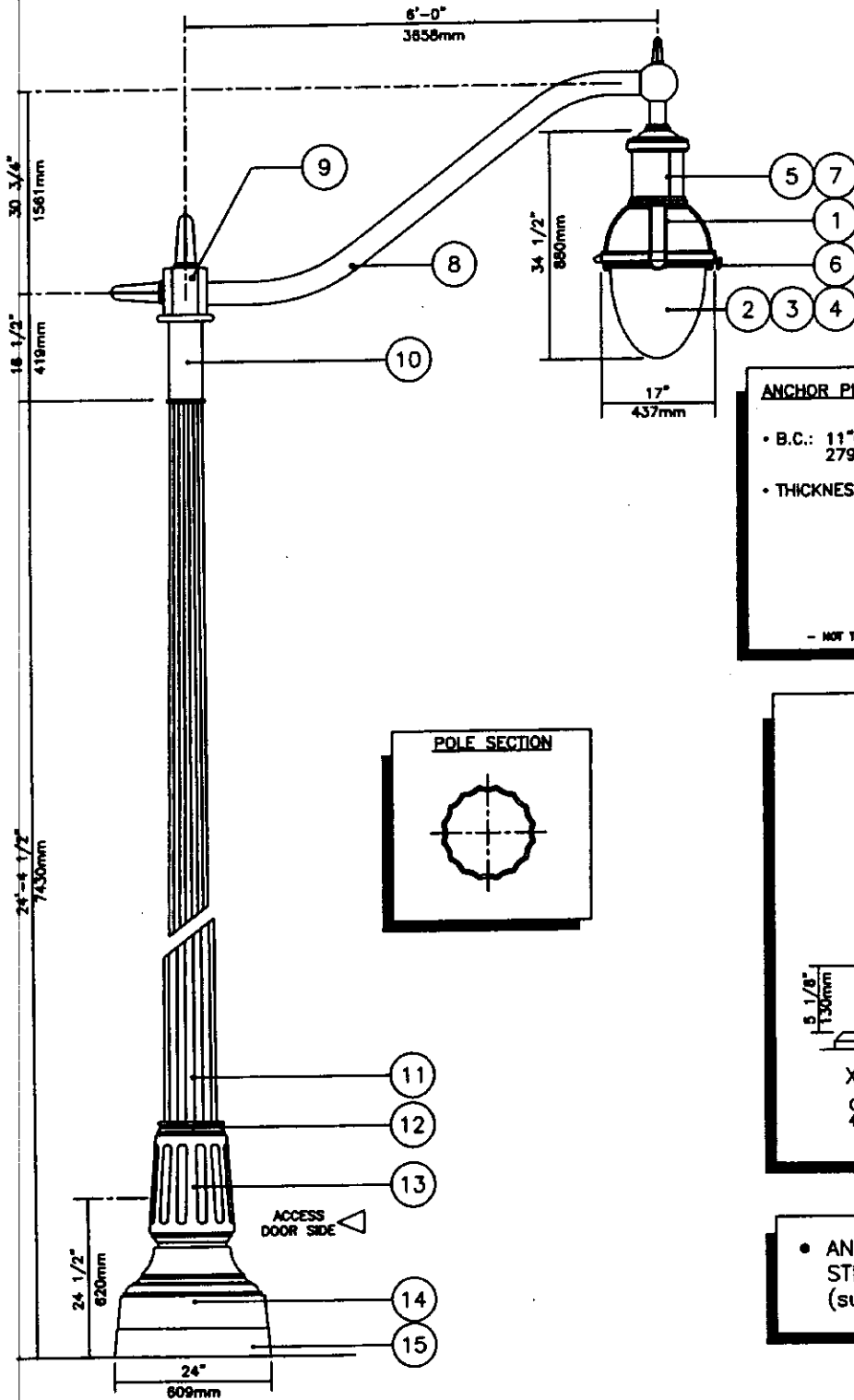
- 10- Pole tenon:** Shall be made from steel tubing, to receive the bracket tenon, welded to the pole shaft.
- 11- Pole Shaft:** Shall be made from a 16 fluted round mandrel-formed high tensile carbon steel tapered shaft, having a 0.120" (3.0mm) wall thickness, welded to the pole base.
- 12- Pole Base:** Shall be made from a 8 5/8" (219mm) round high tensile carbon steel tubing base having a 0.180" (4.6mm) wall thickness, welded to both the bottom and top of the anchor plate.
- 13- Maintenance Opening:** The pole shall have a 4" x 10" (102mm x 254mm) maintenance opening centered 20" (508mm) from the bottom of the anchor plate, complete with a weatherproof cast 356 aluminum cover and a factory assembled copper ground lug.
- 14- Base Cover:** Two piece round base cover made from cast 356 aluminum, mechanically fastened with stainless steel screws.
- 15- Breakaway Cover:** One piece round base cover made from spun aluminum, mechanically fastened with stainless steel screws.

Miscellaneous

- Wiring:** Type TEW 14 ga. 12" (305mm) minimum exceeding the top of the bracket. All electrical connections shall be made with quick-disconnect connectors.
- Hardware:** All exposed screws will be in stainless steel. Neoprene and/or silicone gasketing is applied.
- Finish:** Color to be black NON TEXTURED (BK). Application of a polyester powder coat paint. (4 mils/100 microns). The chemical composition provide a highly durable UV and salt spray resistant finish in accordance to the ASTM-B117-73 standard and humidity proof in accordance to the ASTM-D2247-68 standard.

LUMEC

640, boul. Curé Boivin
 Boisbriand (Qc), Canada, J7G 2A7
 Tel: (450)430-7040
 Fax: (450)430-1453

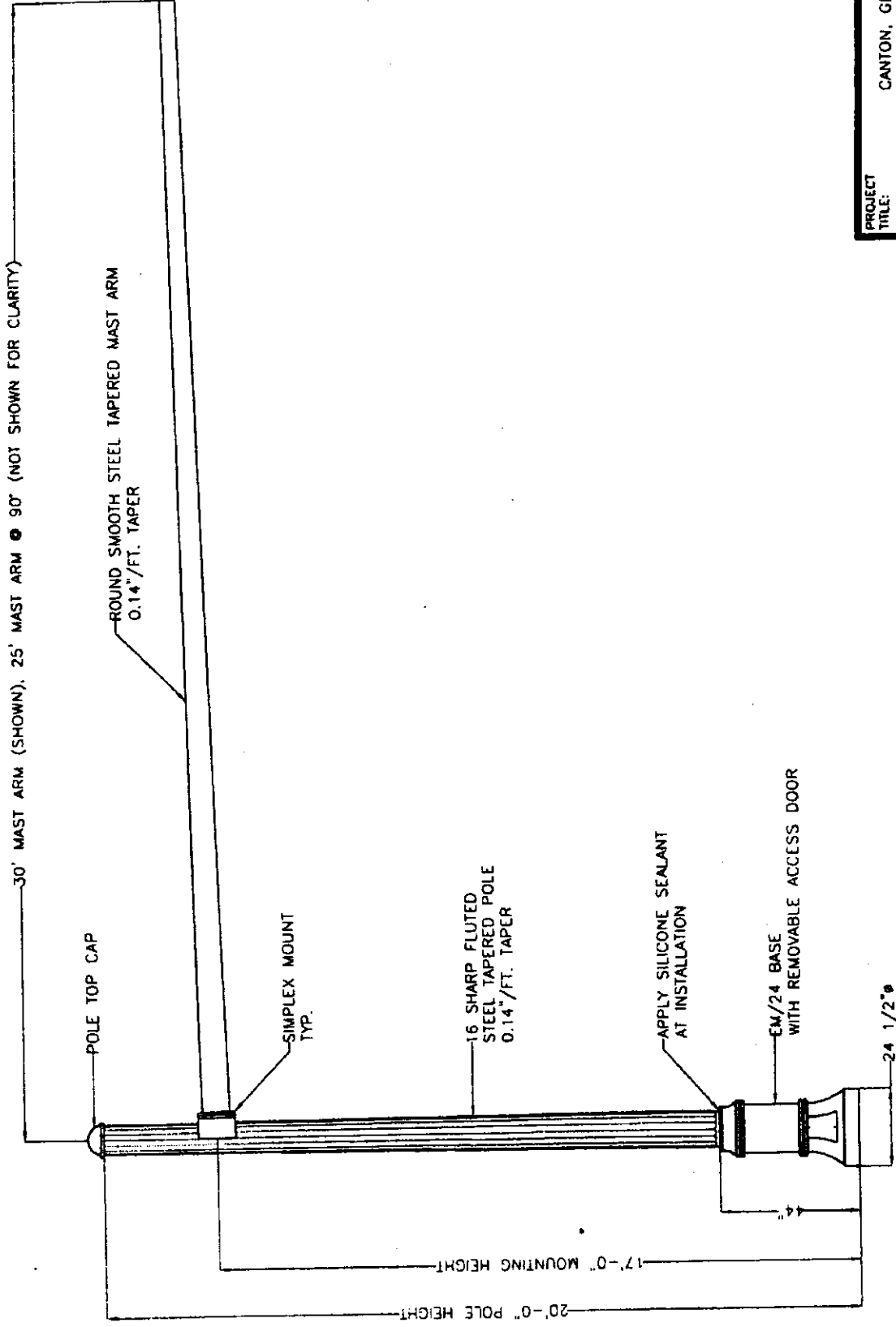


• ANCHORING BOLTS
 STEEL, 1" x 36"
 (supplied by LUMEC inc).

TITRE: City of Canton Streetscape
 TITRE: RN20 LMS19689B (Type: CB)

Echelle/Scale: 1/2" = 1'-0"	N°	REVISION	PAR./BY:	DATE:	VER.:	PAR./BY:	N° DE DESSIN / DRAWING N°	PAGE
				10-04-01		TV	RN20 35585B	1/2

ENREGISTRÉ
 ISO 9002
 REGISTERED



30' MAST ARM (SHOWN), 25' MAST ARM @ 90° (NOT SHOWN FOR CLARITY)

ROUND SMOOTH STEEL TAPERED MAST ARM
0.14"/FT. TAPER

POLE TOP CAP

SIMPLEX MOUNT
TYP.

16 SHARP FLUTED
STEEL TAPERED POLE
0.14"/FT. TAPER

APPLY SILICONE SEALANT
AT INSTALLATION

EM/24 BASE
WITH REMOVABLE ACCESS DOOR

20'-0" POLE HEIGHT

17'-0" MOUNTING HEIGHT

24 1/2"

VI-EM/24-TS-F/20'-MA/30'-MA/25'

(TYPE C)
(Type: CB)

PROJECT TITLE:	CANTON, GEORGIA
SPECIFIED BY:	
DISTRIBUTOR:	
CONTRACTOR:	SCALE: 1/2" = 1'
JOB NO.:	DATE: 2/6/02
	CAD FILE: CANTON
<small>20378 AVENUE LAKE CRYSTAL, WISCONSIN 53192 PHONE (511) 888-7343 FAX (511) 841-98</small>	



Appendix B: Roadway Classifications

City of Canton Roadway Classifications

Arterial

Provides linkages of cities, towns and other significant traffic generators with designs expected to provide relatively high travel speeds and minimized interference to through traffic movement. The number of these facilities may be small in communities with populations under 50,000 and their primary purpose is to serve traffic entering and exiting the urban area and access to abutting land is subordinate to major traffic movements. Spacing can range from approximately 1 mile in urban areas to 5 miles or more in less developed urban fringes. Partial and uncontrolled access features can be associated with arterial design. Arterials normally provide less than 15 percent of the area network mileage.

Arterial Roadways:

Georgia Highway 20

Georgia Highway 140

New Georgia Highway 140

Georgia Highway Business 5

Hickory Flat Highway (from I-575 to Marietta Road)

Bells Ferry Road

Marietta Highway

Major Collector

The major collector provides connections with and augments the urban arterial system. These roadways accommodate trips of moderate length, at lower travel speeds, to smaller geographic areas than do the arterials. These facilities commonly carry transit routes and provide intracommunity connections but generally do not penetrate local neighborhoods. These roadways place increased emphasis on land access and are commonly spaced 1/8 to 1/2 mile in the urban environment; up to 3 miles in the urban fringes.

Continues...



Appendix B: Roadway Classifications

Major Collector Continued...

Travel speeds are moderate and pedestrian features are almost always present. Traffic signalization occurs at regular intervals at intersections with other major collectors and arterial roadways.

Major Collector Roadways

East Main Street

West Main Street

Waleska Street to Georgia Highway 5

Reinhardt College Parkway

Marietta Road (from Hickory Flat to Marietta Highway)

Butterworth Road

Univeter Road

Minor Collector

The collector street system places priority on connecting local traffic to abutting land uses and circulation between residential neighborhoods and commercial, industrial and institutional developments. The minor collector connects traffic for the residential areas to the higher tiers of the roadways network, primarily the major collector system. In smaller urban communities the minor collect system can be a significant percentage of the urban street grid. Travel speeds are relatively low and traffic control equipment is a mixture of signalization and sign controlled intersections.

Minor Collector Roadways

Riverstone Boulevard

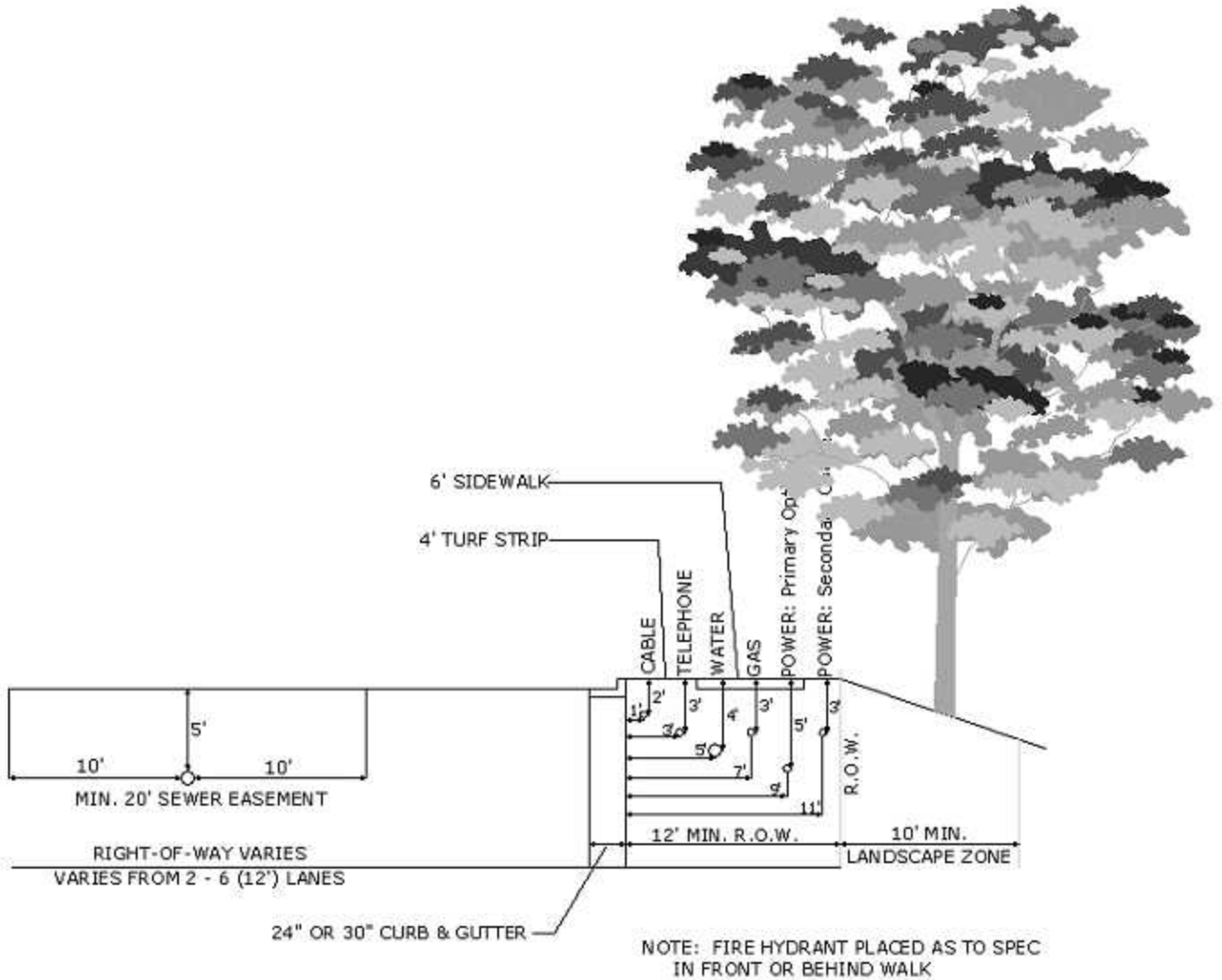
Old Business 5 (old Ball Ground Highway)

Laurel Canyon Parkway

Great Sky Parkway



Appendix C: Utility Locations

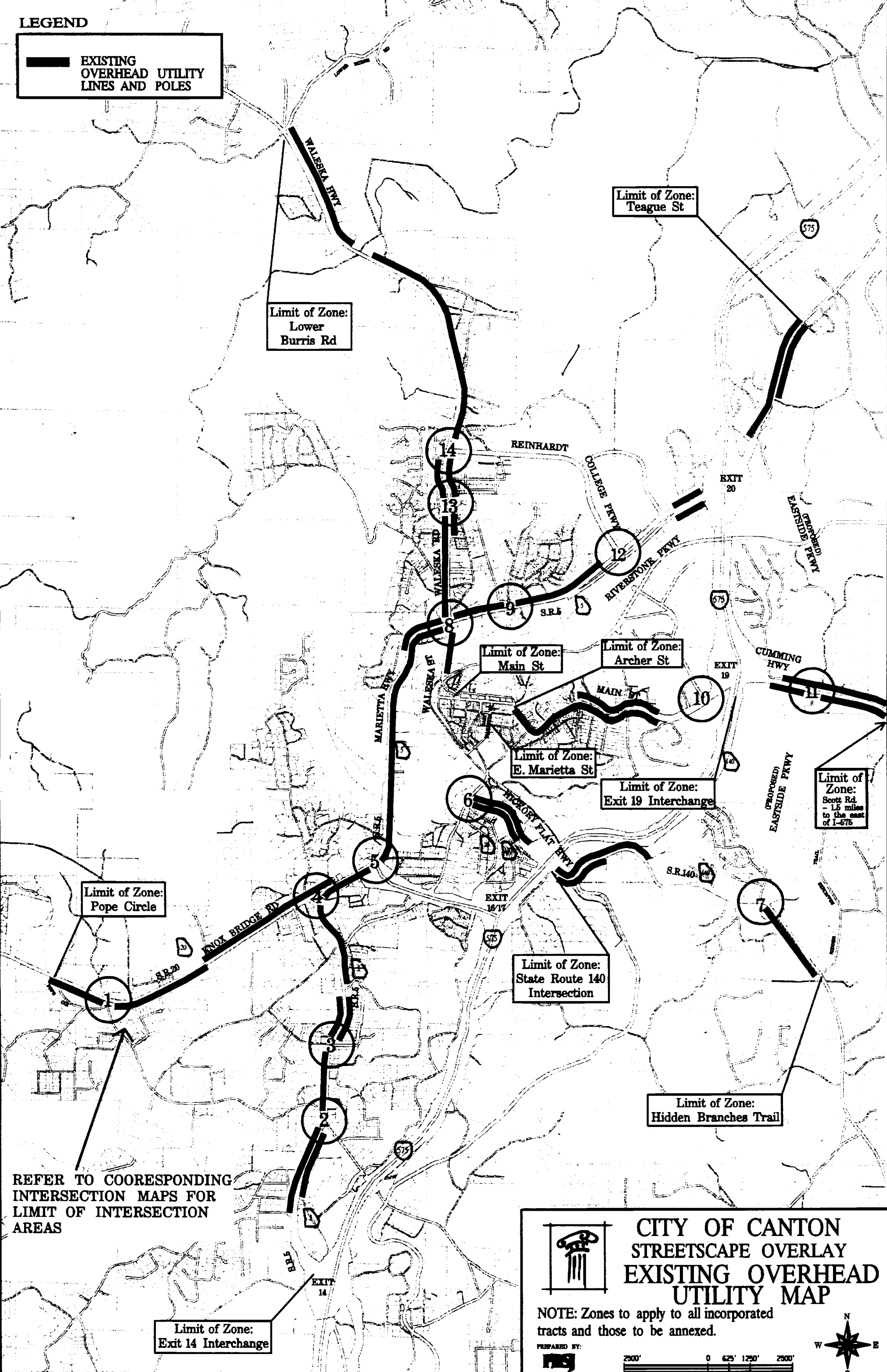


TYPICAL UTILITY LOCATIONS
CITY OF CANTON

N.T.S.

LEGEND

 EXISTING OVERHEAD UTILITY LINES AND POLES



REFER TO COORESPONDING INTERSECTION MAPS FOR LIMIT OF INTERSECTION AREAS

Limit of Zone: Exit 14 Interchange



**CITY OF CANTON
STREETSCAPE OVERLAY
EXISTING OVERHEAD
UTILITY MAP**

NOTE: Zones to apply to all incorporated tracts and those to be annexed.

PREPARED BY:





Appendix D: Signage

CORRIDORS OF INFLUENCE

Freestanding Signs:

A freestanding sign must be monument style with a brick base (or approved requested alternate material) 18 to 24 inches high. The total height of the sign (including the base) cannot exceed 5 feet if less than 10 feet back of the right-of-way. The total height cannot exceed 8 feet if the placement of the sign is a minimum of 10 feet behind the right-of-way. The maximum sign area allowed is 32 square feet per side with a maximum of 2 sides. All signs must be interior illuminated. No change copy boards.

Signage

Shopping Centers

Size	Height* (Max.)	Width (Max.)	Setback**	Sign Area (Max.)	Copy Area (Max.)	Number Tenants (Max.)	Number Signs (Max.)
0-100,000 sf	12 ft	10 ft	10 ft	96 sf	48 sf	3	1
100,001- 499,999 sf	15 ft	10 ft	10 ft	150 sf	75 sf	4	1
500,000 sf	15 ft	10 ft	10 ft	150 sf	75 sf	4	2

*Height of sign includes 2 (two) feet of base and shall include the numbered address of the center.

**Setback measured from the back of the city right-of-way line.