

**CITY OF MOBILE  
DOWNTOWN AREA  
INFRASTRUCTURE REPAIR AND REPLACEMENT**

**SECTION E.  
SIDEWALKS AND DRIVEWAYS**

**1. GENERAL**

Referenced Technical Specifications

- |    |                    |                                     |
|----|--------------------|-------------------------------------|
| 1. | ALDOT Sections 501 | Structural Portland Cement Concrete |
| 2. | ALDOT Section 618  | Sidewalks and Driveways             |

**2. REMOVAL**

Spot or partial removals of sidewalk sections and driveways are not allowed. Any removal necessitated by the work will require the complete removal of a sidewalk or driveway to the first existing construction joint on all sides of the area to be removed.

Sidewalks shall be removed from the building line or R.O.W. to the curb. Most sidewalks in the Downtown Area are placed in approximately 8 foot segments longitudinally with the roadway. Complete removal of the segment is required. It may be necessary to saw cut along the joint to remove a segment. Any adjacent segments damaged by the removal/replacement process shall also be removed and replaced.

Driveway removal shall be from the edge of pavement to the R.O.W. line or, if an intermediate joint exists in the driveway, to that point. Any adjacent segments damaged by the removal/replacement process shall also be removed and replaced

**3. REPLACEMENT**

**a. MATERIALS**

Concrete mix design shall be in accordance with ALDOT Specification No. 618. It shall be a 3000 psi design.

No concrete shall be placed that an elapsed time of 2 hours or more has passed after addition of water to the mix. For Plant Mixed concrete, the time stamped on the delivery ticket shall be used as the time of adding water.

No concrete shall be placed when freezing temperatures are anticipated within 48 hours. At the time of placement, temperature must be 40° F and rising. Any concrete segment that cracks during the curing process shall be removed and replaced.

b. SUBGRADE PREPARATION

Subgrade under new sidewalks and driveways shall be shaped and compacted. Any material considered unsuitable by the City's Inspector shall be removed and replaced with a sand-clay or aggregate material.

c. SIDEWALK PLACEMENT

New sidewalk shall be a minimum 4 inches thick. Placement and finish shall comply with details shown on sheets E-3, E-4, E-5 and E-6. The sidewalk thickness shall remain the same but be recessed in areas to receive paving stone.

d. DRIVEWAY PLACEMENT

New driveways shall have a minimum thickness of 6 inches. The driveway shall be finished and dressed to match the curbing and gutter on each side. Construction and finish shall comply with details shown on Sheets E-7 and E-8.

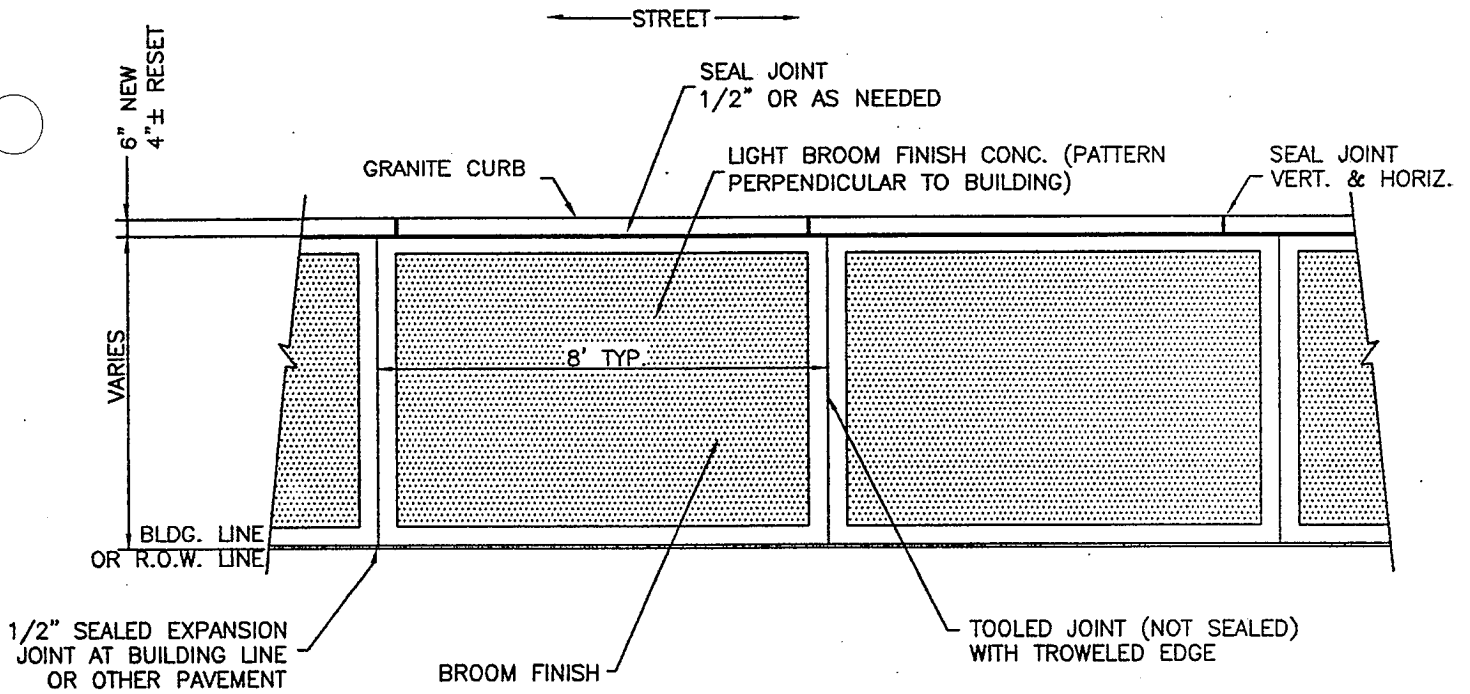
Driveway width in the Downtown area shall generally be the minimum width that will allow adequate vehicle movement. Single lane driveways shall generally have a minimum width of 12 feet. Driveways for 2-way traffic shall have a minimum width of 20 feet. The City's inspector may, at his option, adjust this width to better fit local conditions. Extra wide driveways that would allow several vehicles to enter or exit simultaneously will not be allowed. Older driveways not in compliance with this requirement must be adjusted when repairs or updating is performed.

e. OTHER REQUIREMENTS

Finish workmanship on sidewalks and driveways is very important. This work must be done by craftsmen having sufficient experience and ability to obtain a finished product that is pleasing in appearance and quality. The City may reject any work that does not meet this requirement.

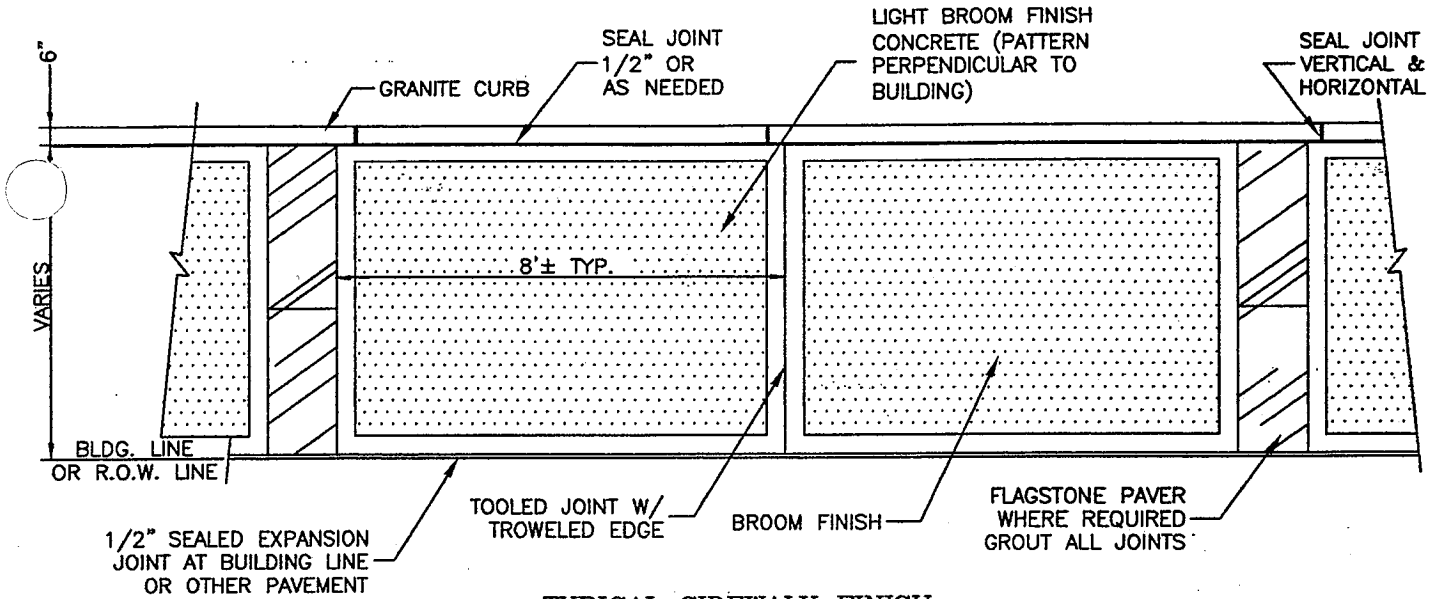
**NOTE:**

PLAN JOINT SPACING PRIOR TO CONCRETE PLACEMENT. NOMINAL JOINT SPACING FOR EACH BLOCK SHOULD BE APPROXIMATELY EQUAL. THE 8 FEET SPACING CAN VARY SLIGHTLY TO OBTAIN EQUAL SPACING.



**TYPICAL SIDEWALK FINISH**

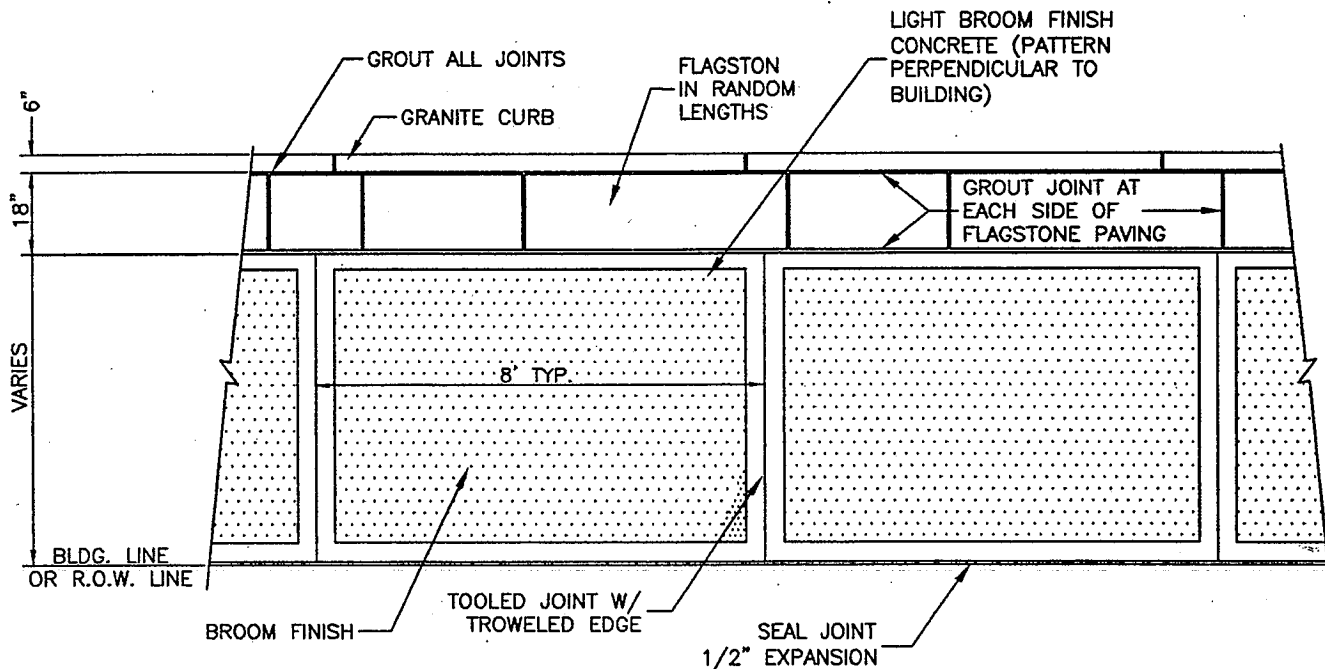
AREAS WITH NO FLAGSTONE  
NOT TO SCALE



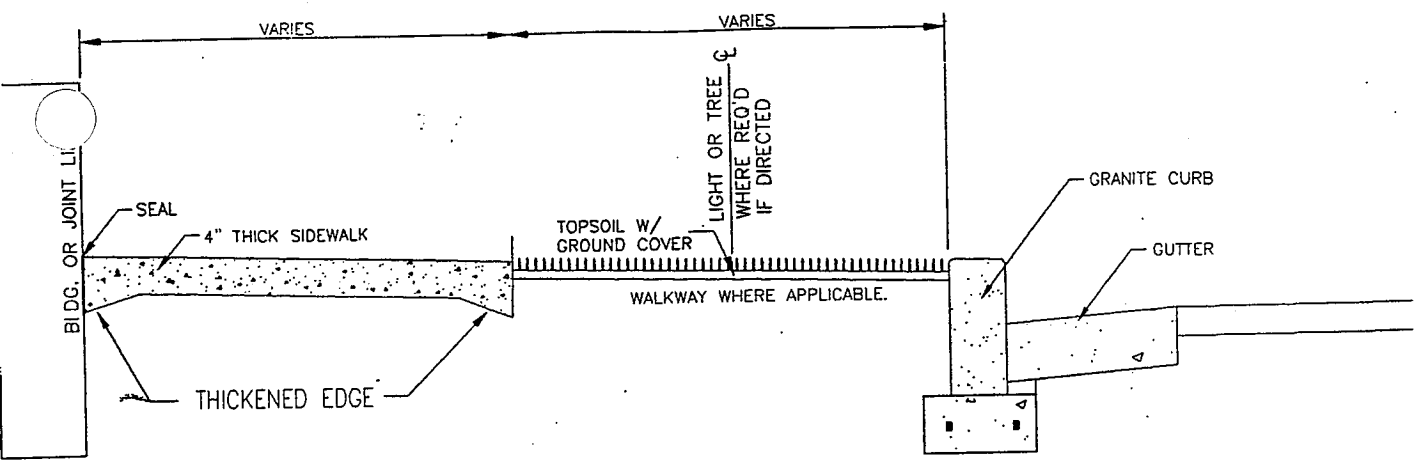
**TYPICAL SIDEWALK FINISH**  
**AREAS WITH FLAGSTONE PAVERS PERPENDICULAR TO CURB**  
 NOT TO SCALE

NOTES:

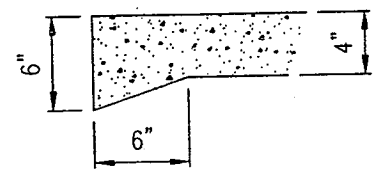
1. CONTRACTOR SHALL PLAN JOINT SPACING FOR EACH BLOCK PRIOR TO CONCRETE PLACEMENT.
2. NOMINAL JOINT SPACING FOR EACH BLOCK SHOULD BE APPROXIMATELY EQUAL.
3. THE 8 FEET SPACING CAN VARY SLIGHTLY TO OBTAIN EQUAL SPACING.
4. SEAL ALL JOINTS IN CURB.
5. TROWELED EDGE TO BE 2" WIDE.



**TYPICAL SIDEWALK FINISH**  
**AREAS WITH FLAGSTONE PAVERS NEXT TO CURB**  
 NOT TO SCALE

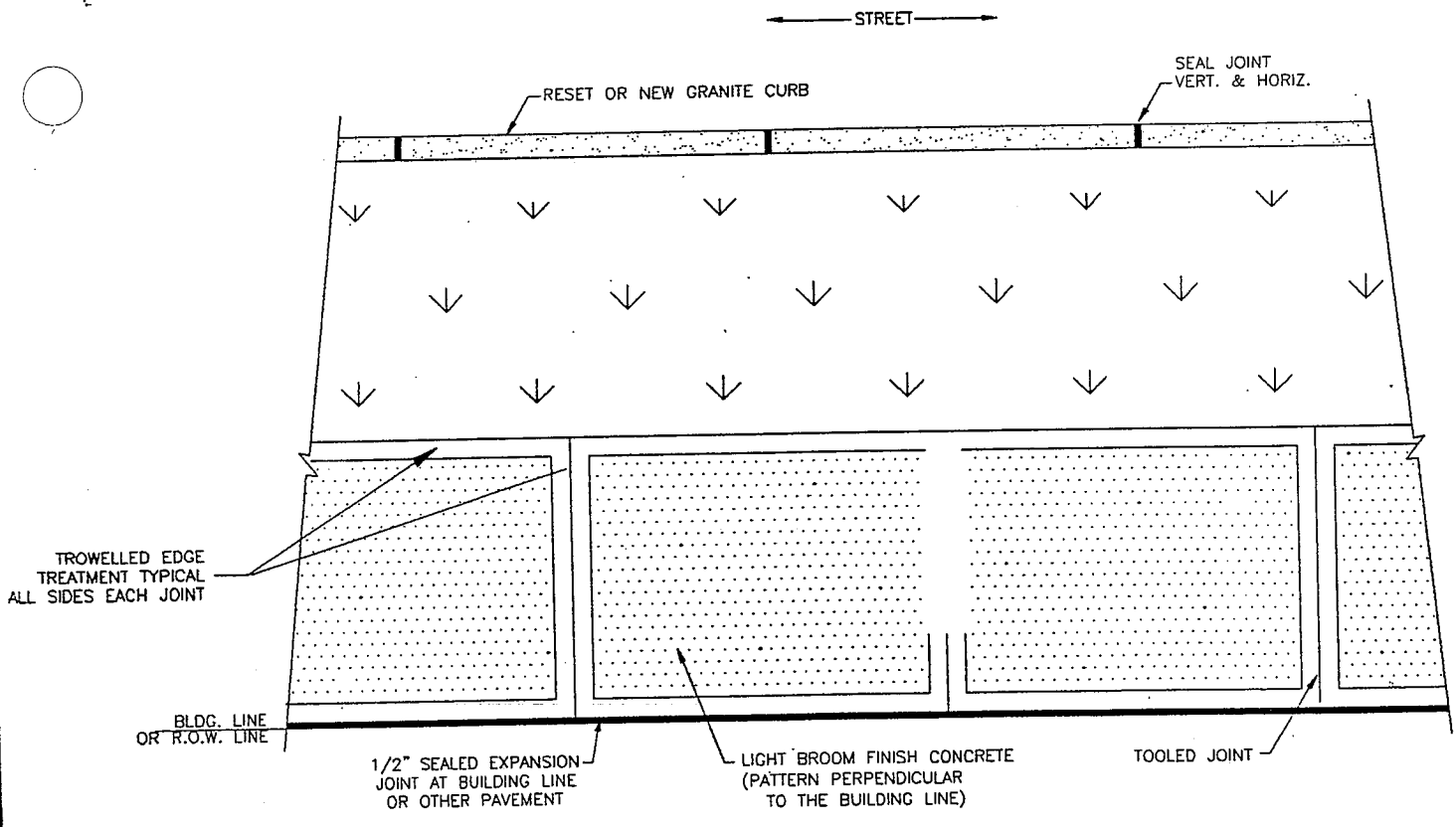


**CURB/SIDEWALK WITH GRASS DETAIL**  
NOT TO SCALE

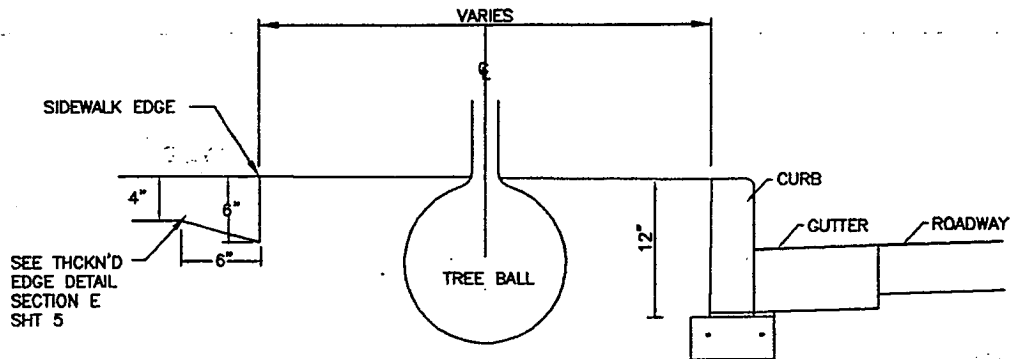


**DETAIL OF THICKENED EDGE**

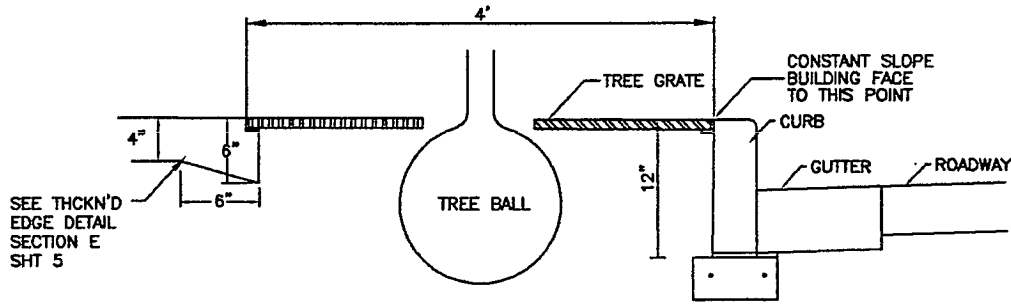
- NOTES:**  
1. GRASS AREAS SHALL BE SOD.



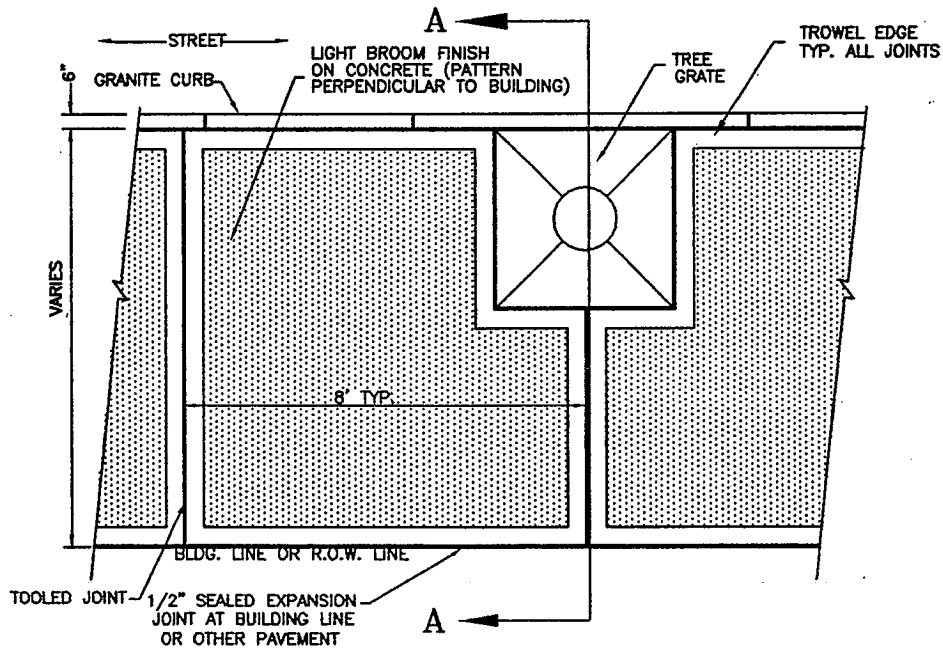
**TYPICAL SIDEWALK FINISH**  
(AT ADJACENT GRASSED AREAS)



**SECTION "A-A"**  
TREES IN GRASSED AREAS  
NOT TO SCALE



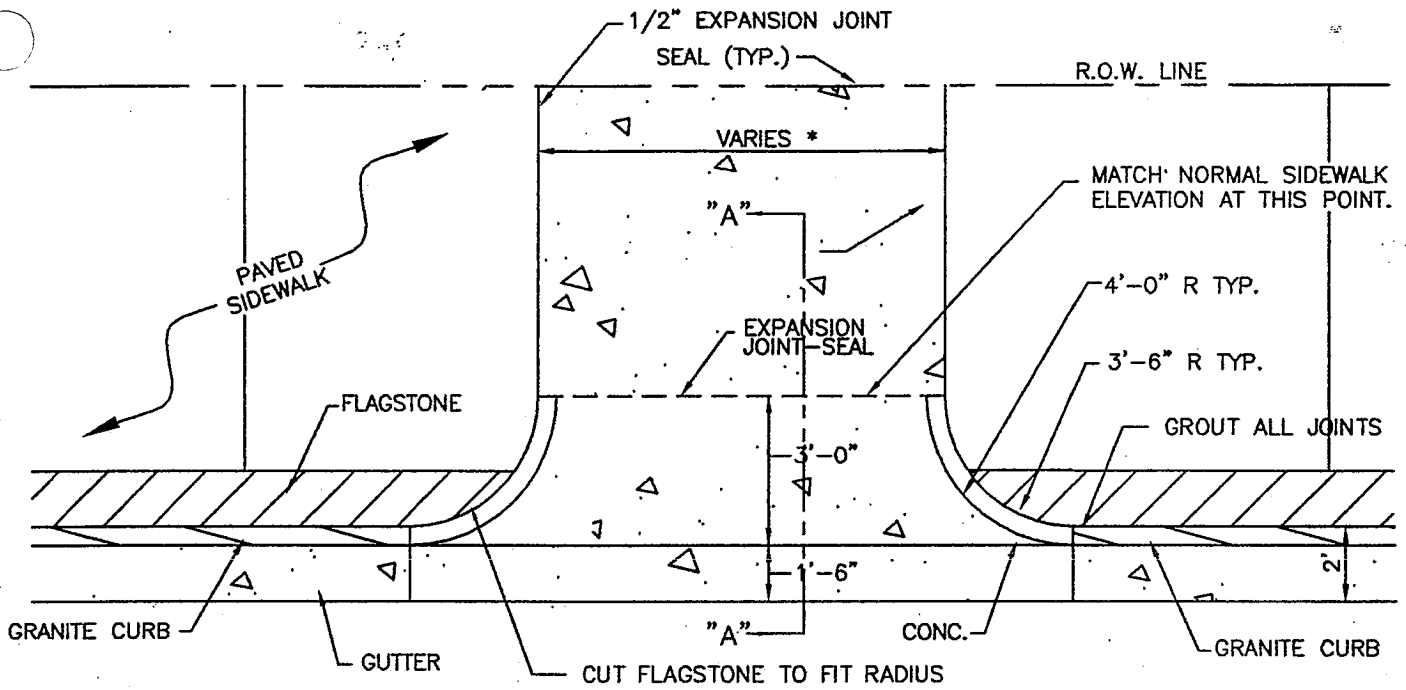
**SECTION "A-A"**  
TREES IN PAVED AREAS  
NOT TO SCALE



**TYPICAL SIDEWALK FINISH AROUND TREE GRATES**  
AREAS WITH NO FLAGSTONE  
NOT TO SCALE

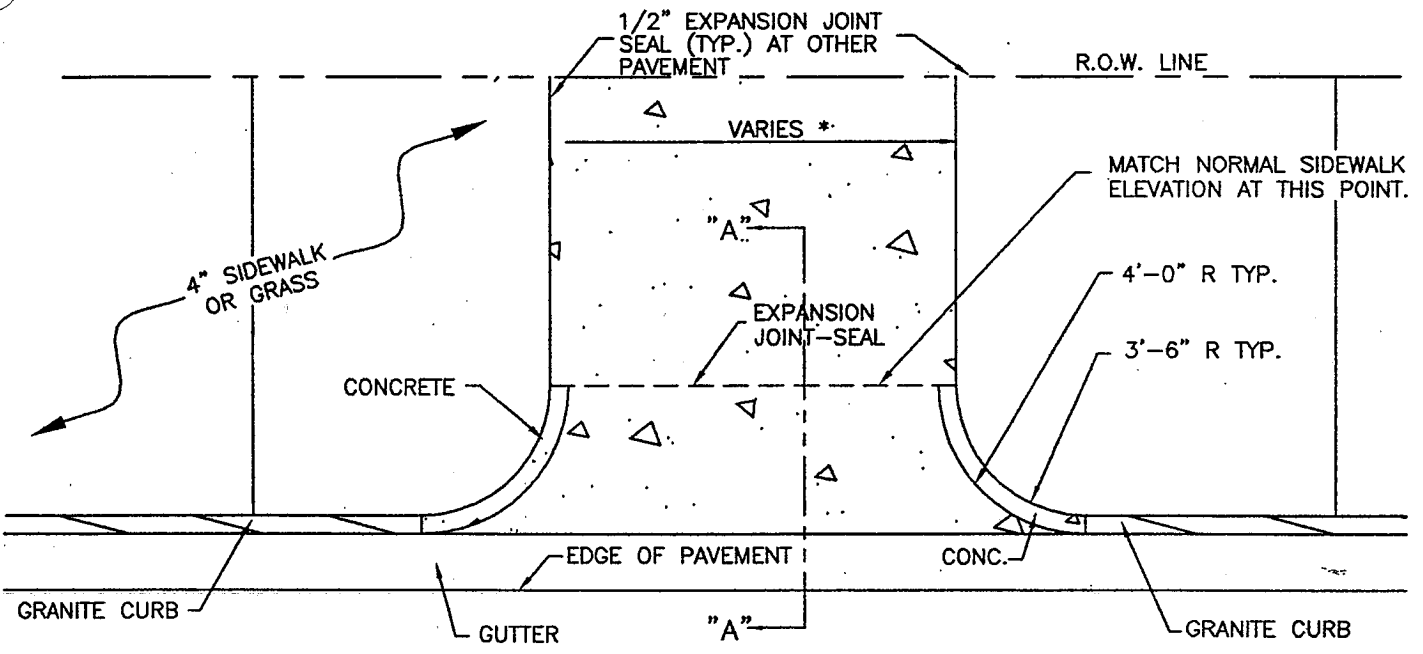
FOR DRIVEWAYS WIDER THAN 12 FEET, LONGITUDINAL JOINTS SHALL BE PROVIDED ON 8 FEET ± CENTERS. DRIVEWAYS SHALL RECEIVE SAME FINISH TREATMENT AS SIDEWALKS.

CONTRACTOR SHALL FORM CONCRETE CURB TRANSITION AS SHOWN.



**TYPICAL DRIVEWAY, CURB & GUTTER WITH FLAGSTONE PAVERS**

NOT TO SCALE

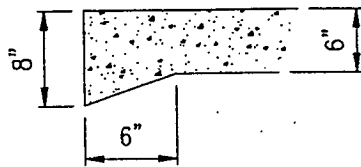


**TYPICAL DRIVEWAY, CURB & GUTTER WITHOUT FLAGSTONE**

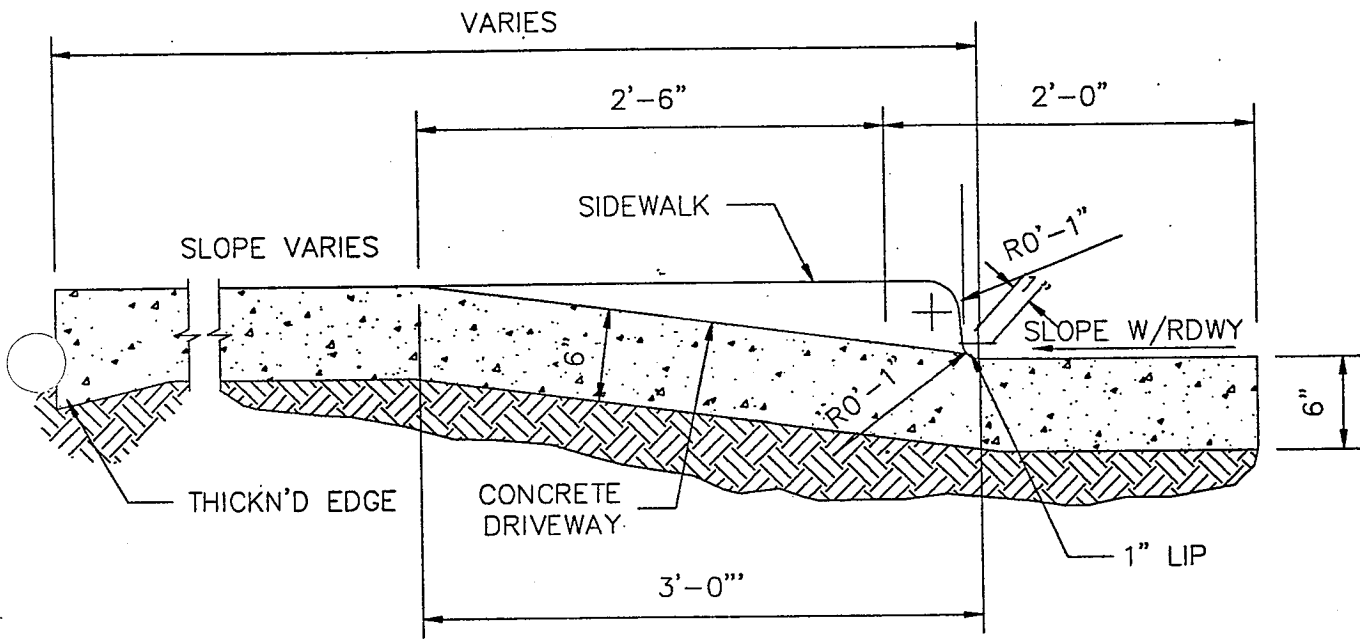
(AT ADJACENT PAVED OR GRASS AREAS)

NOT TO SCALE

SEE SHEET E-8/9 FOR VIEW "A-A"



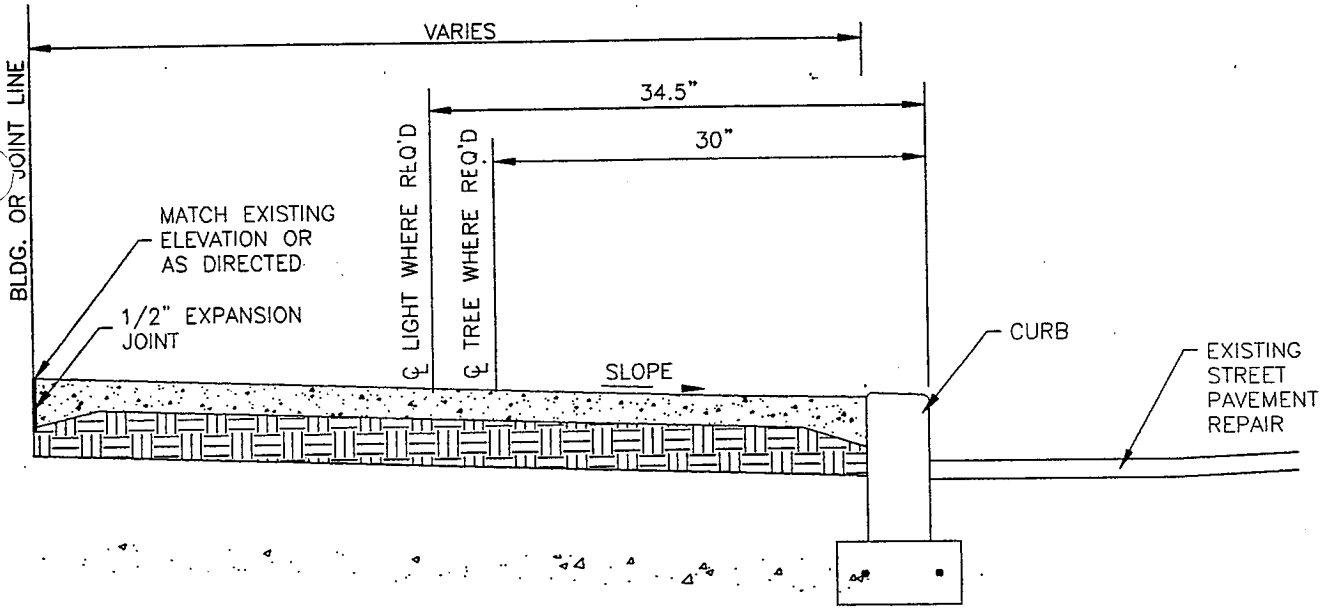
DETAIL OF THICKENED EDGE



SECTION "A"-"A" TYPICAL DRIVEWAY DETAIL  
NOT TO SCALE



STREET REPAIR TO COMPLY WITH  
CITY ORDINANCE NO. 57-022



DETAIL OF SIDEWALK/TREE/LIGHT PLACEMENT  
ALL AREAS  
NOT TO SCALE