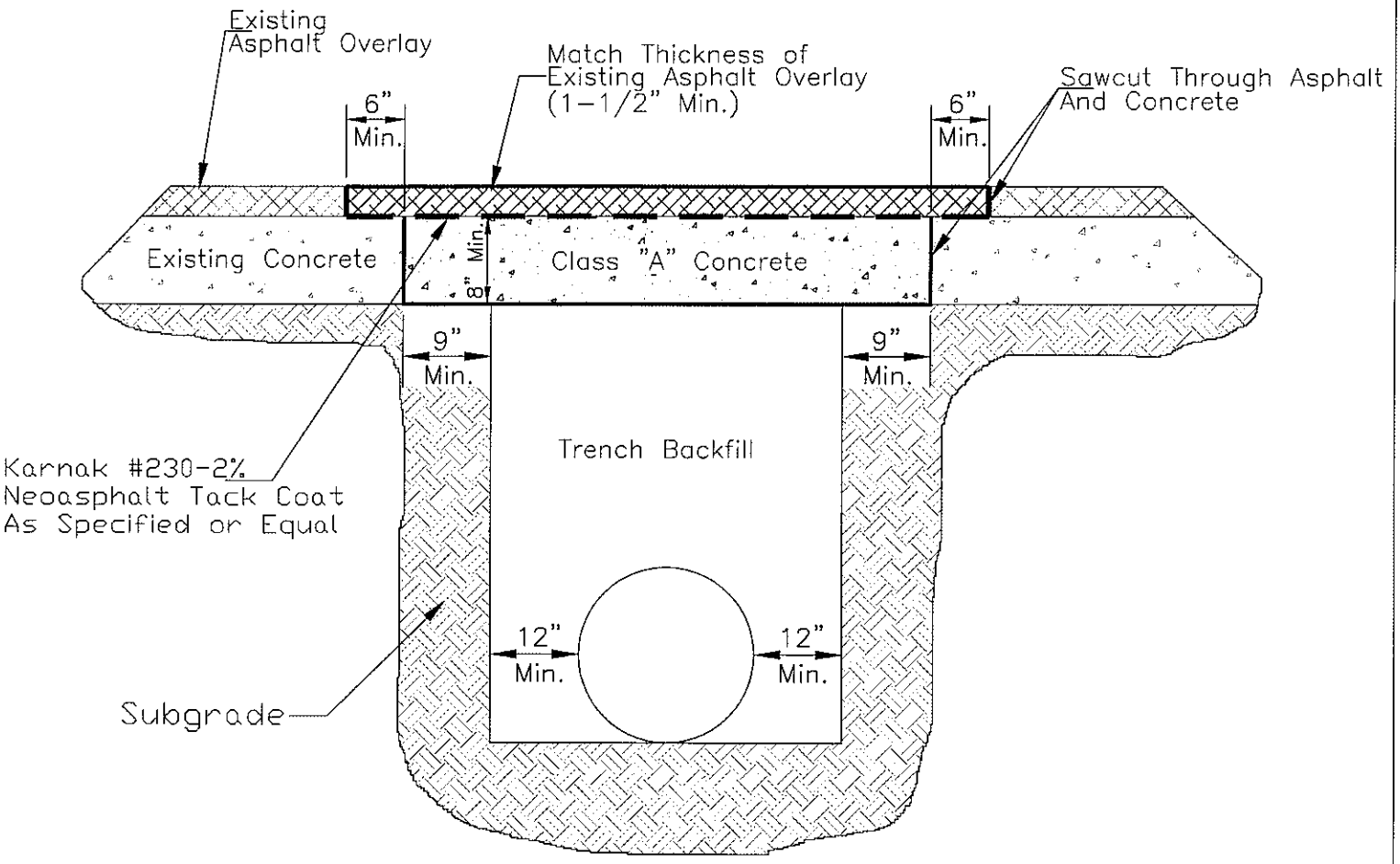
CITY OF CHARLESTON
STANDARD DETAIL A-1
FOR
ASPHALT OVER CONCRETE STREET RESTORATION



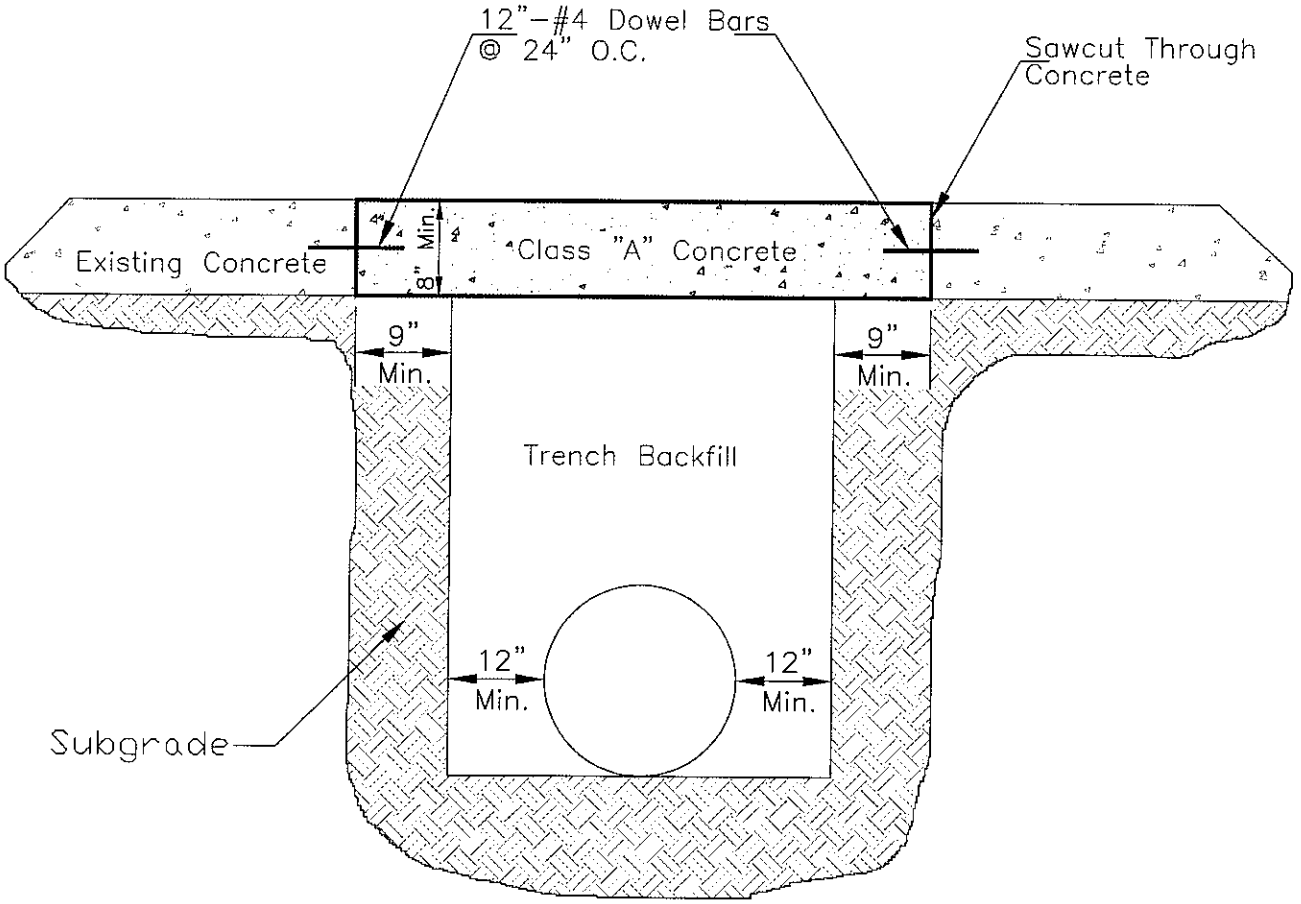
NOTES:

Decrease width of excavation by 6" on each side of trench if CLSM is used.

Concrete is to be removed to the construction or expansion joint if repairs are done within 2' of the joints.

Use 1/2" dia., 18" long, corrosion-resistant dowels, 24" on-center if existing concrete street is 6" thick or greater.

CITY OF CHARLESTON
STANDARD DETAIL A-2
FOR
CONCRETE STREET RESTORATION



NOTES:

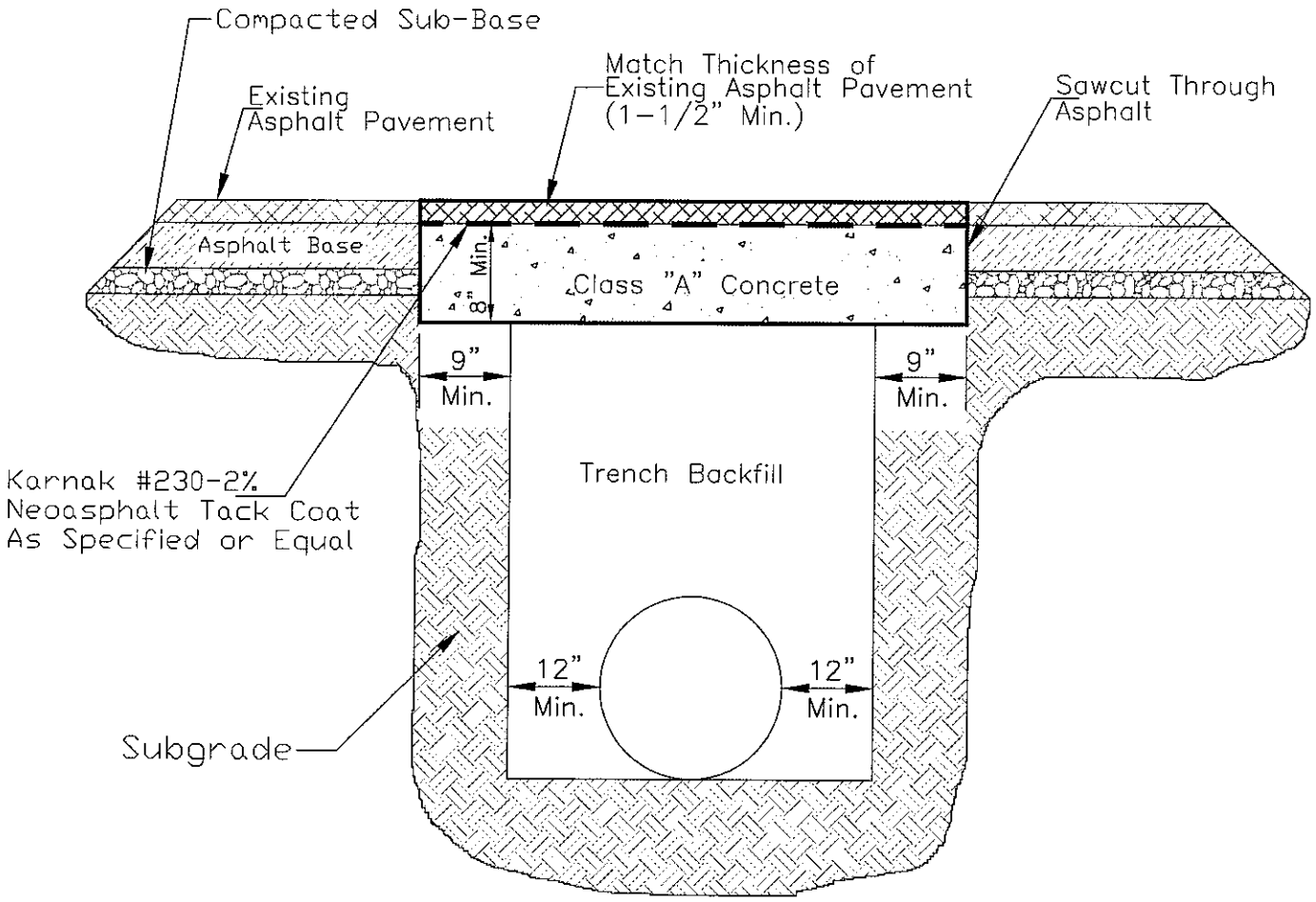
Decrease width of excavation by 6" on each side of trench if CLSM is used.

Concrete is to be removed to the construction or expansion joint if repairs are done within 2' of the joints.

Use 1/2" dia., 18" long, corrosion–resistant dowels, 24" on–center if existing concrete street is 6" thick or greater.

Seal perimeter of concrete area repaired with an approved silicone sealant

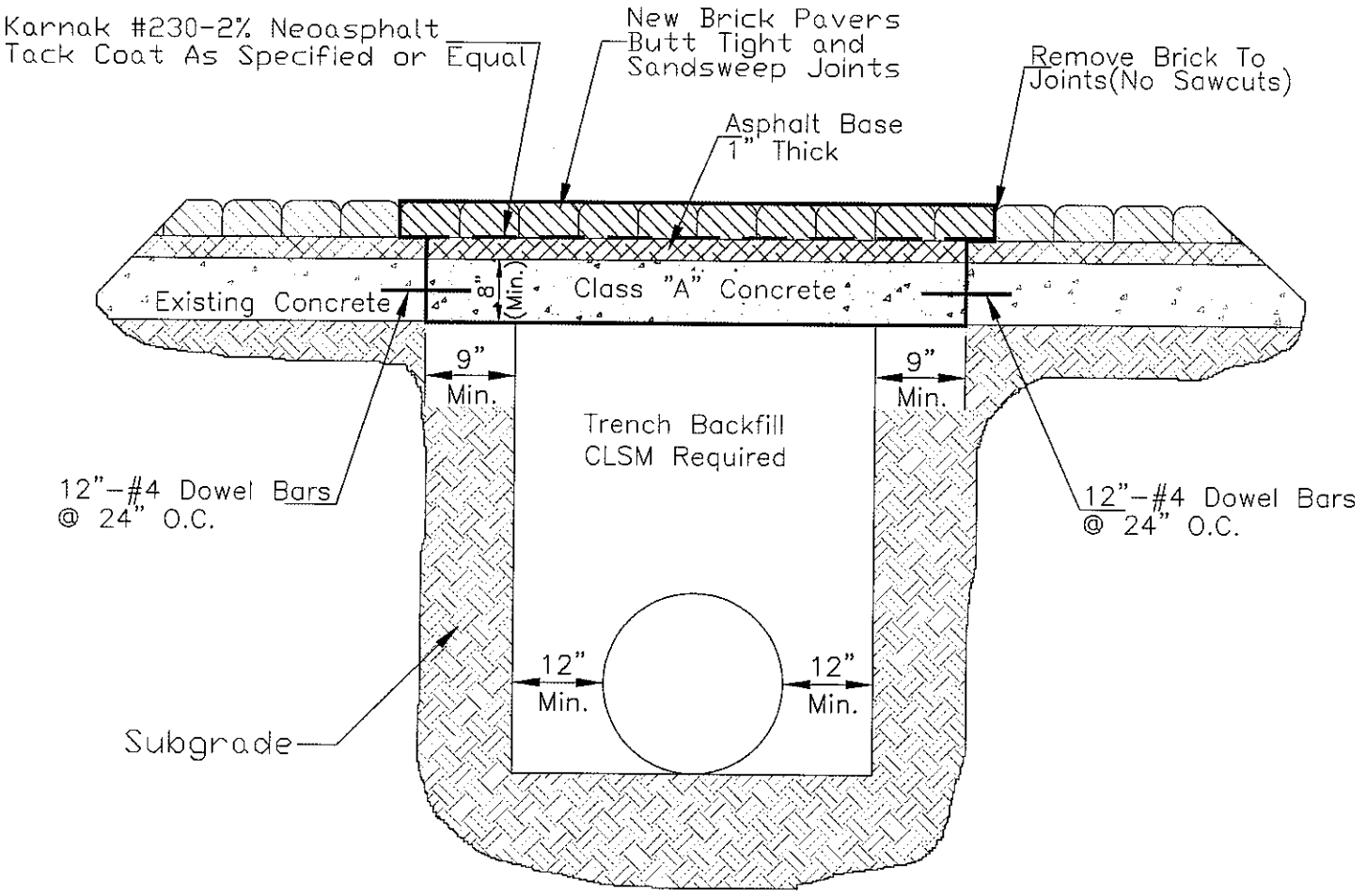
CITY OF CHARLESTON
STANDARD DETAIL A-3
FOR
ASPHALT STREET RESTORATION



NOTE:

Decrease width of excavation by 6" on each side of trench if CLSM is used.

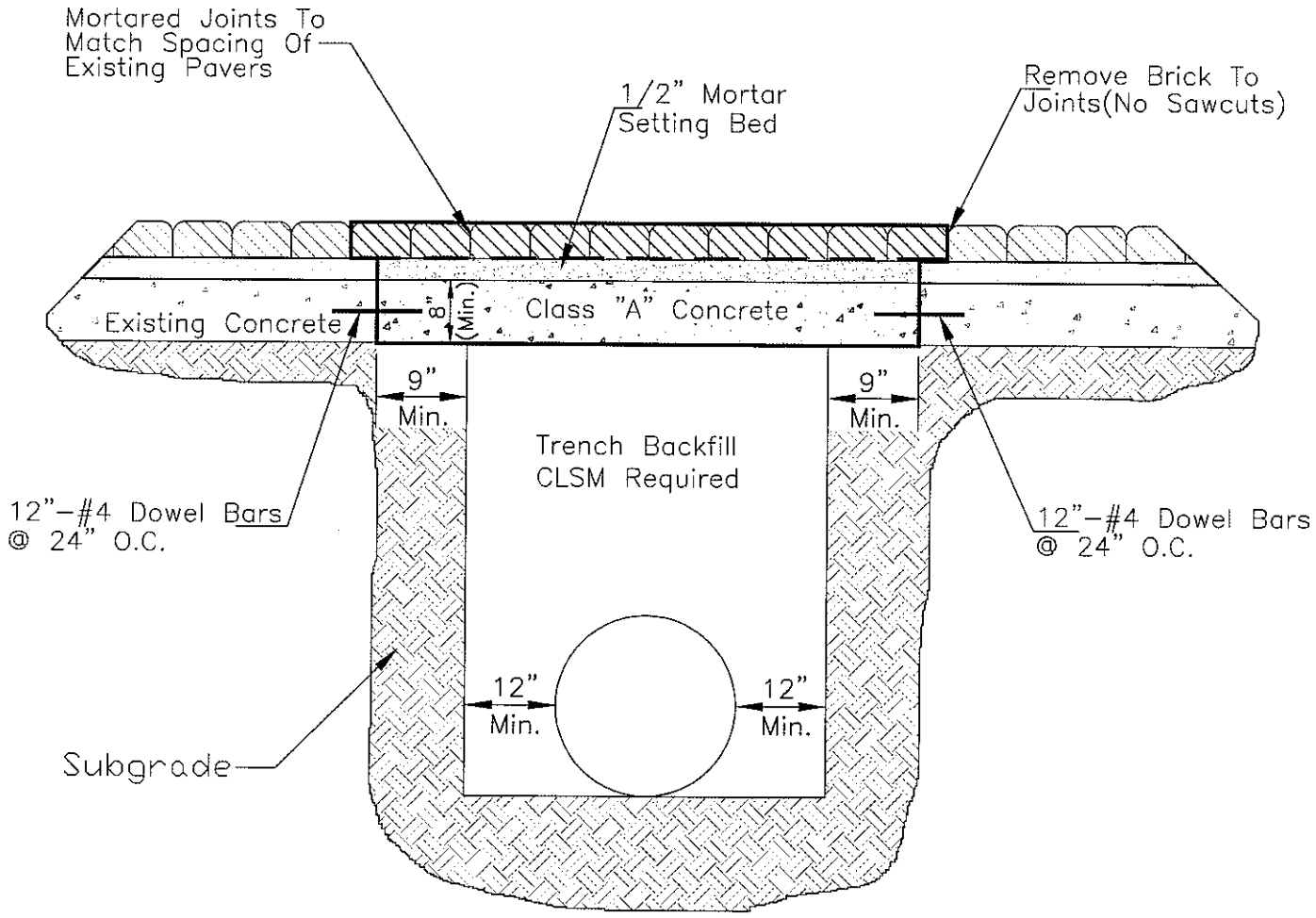
CITY OF CHARLESTON
STANDARD DETAIL A-4
FOR
STREETSCAPE INTERSECTION RESTORATION
ASPHALT BASE



NOTE:

Seal perimeter of concrete area repaired with an approved silicone sealant

CITY OF CHARLESTON
STANDARD DETAIL A-5
FOR
STREETSCAPE INTERSECTION RESTORATION
MORTARED BRICK PAVING ON A CONCRETE BASE

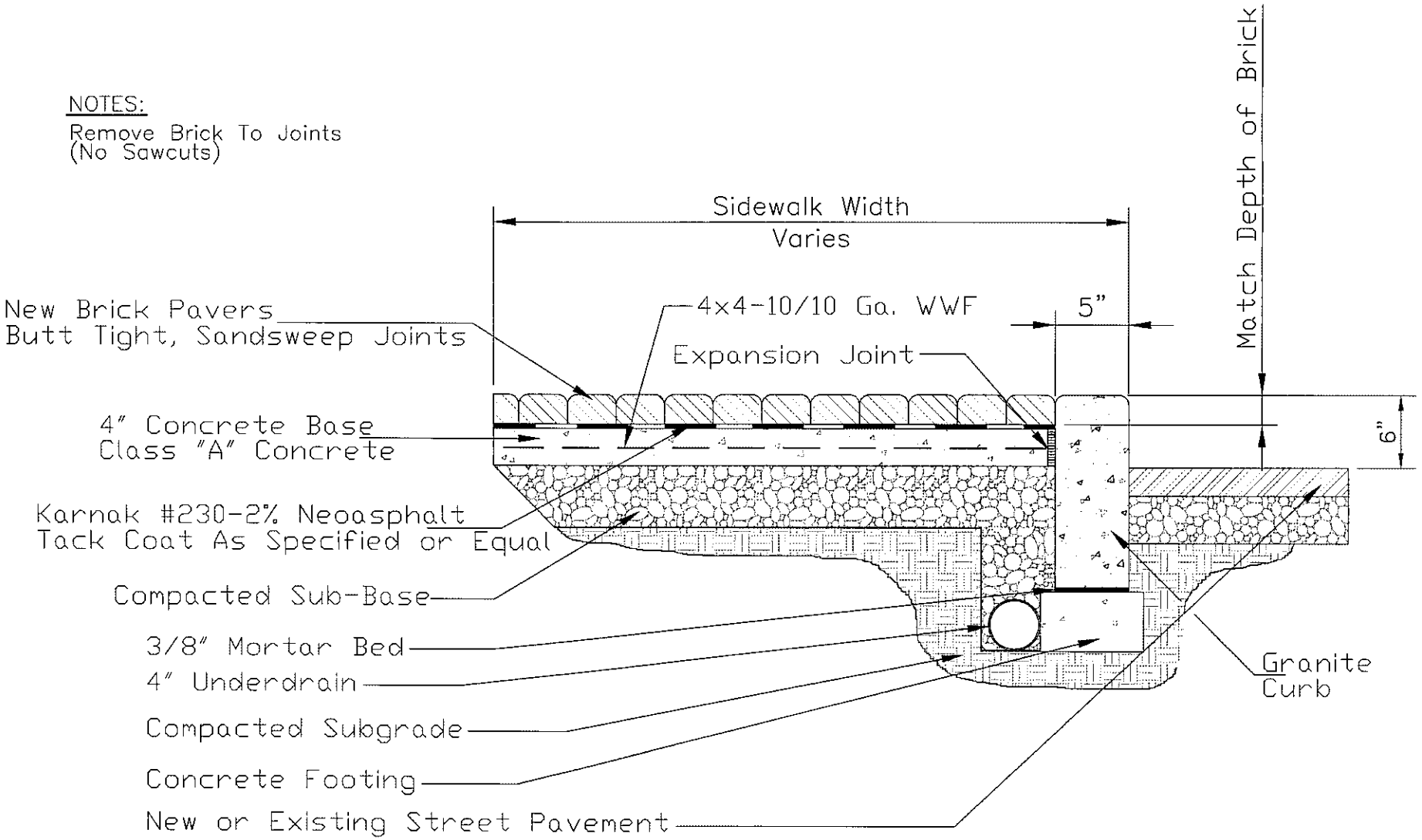


NOTE:

Seal perimeter of concrete area repaired with an approved silicone sealant

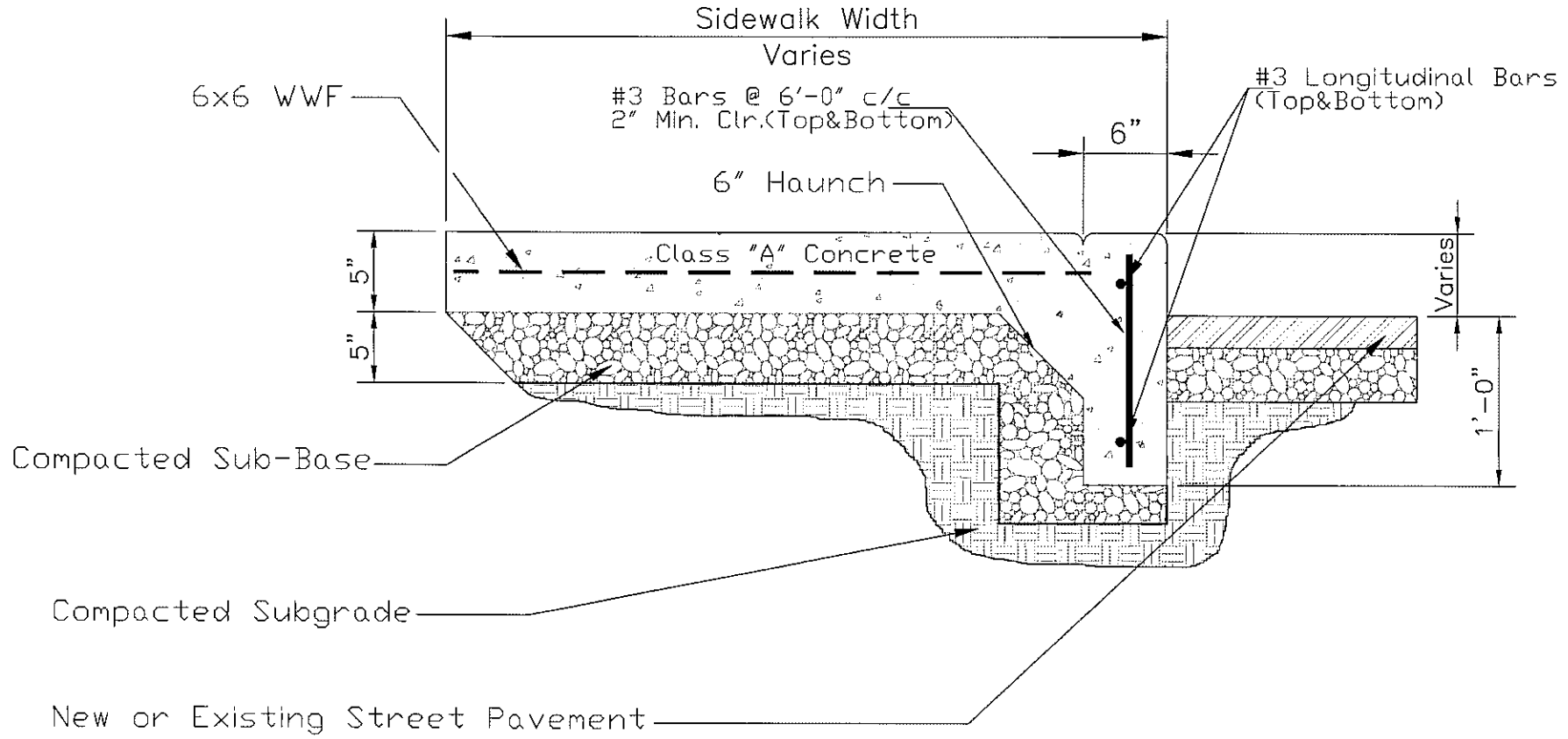
CITY OF CHARLESTON
STANDARD DETAIL A-6
FOR
STREETSCAPE SIDEWALK RESTORATION

NOTES:
Remove Brick To Joints
(No Sawcuts)

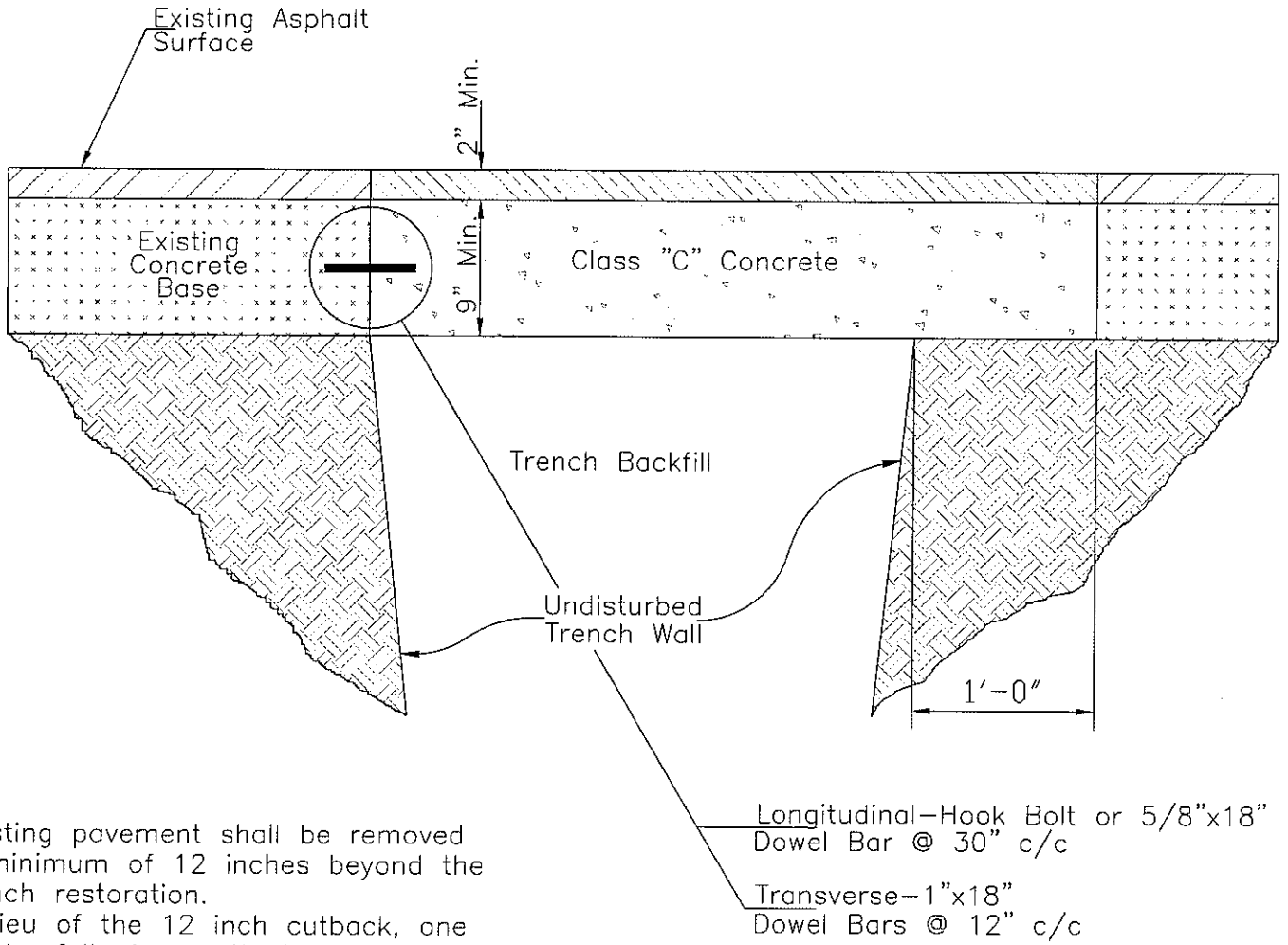


CITY OF CHARLESTON
STANDARD DETAIL A-7
FOR
CONCRETE SIDEWALK RESTORATION

NOTES:
The entire sidewalk panel shall be replaced if it has been damaged or any sawcuts have been made during repairs.



STANDARD RESTORATION
ASPHALT SURFACE ON CONCRETE BASE



Existing pavement shall be removed a minimum of 12 inches beyond the trench restoration.
In lieu of the 12 inch cutback, one of the following methods may be used:

A) Installation of dowel bars as shown on the detail of this drawing.
B) Backfill with control density fill (non-shrinkable fill-see backfilling requirements of the street opening permit specifications.)

Concrete shall be consolidated with an internal type vibrator.

2 inches of asphalt shall be compacted with a 3 to 5 ton roller, 8 to 10 ton or equivalent vibratory compactor for longitudinal cuts.

Class "FS" concrete may be used when the pavement is required to be open to traffic the same day.

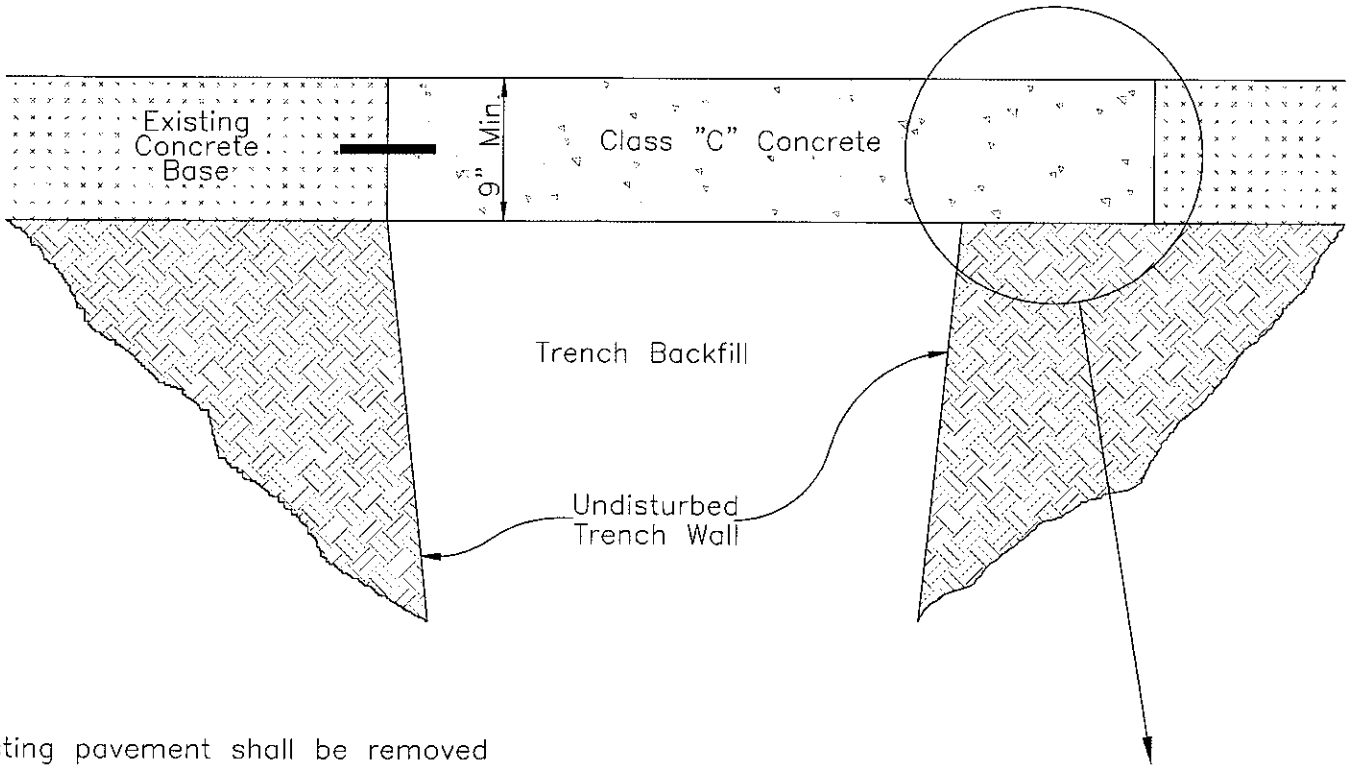
Edges of restoration shall be sealed with asphalt cement.

The seal shall be a uniform 3 inch wide asphalt cement seal.

ENGINEERING DEPARTMENT

STANDARD RESTORATION OF OPENINGS

STANDARD RESTORATION
CONCRETE PAVEMENT



Existing pavement shall be removed a minimum of 12 inches beyond the trench restoration.
In lieu of the 12 inch cutback, one of the following methods may be used:

A) Installation of dowel bars (See asphalt surface on concrete base sheet for details.)
B) Backfill with control density fill (non-shrinkable fill-see backfilling requirements of the street opening permit specifications.)

Square edge 2" cut by use of concrete saw or other approved method.

Break out concrete below sawcut by use of jackhammer or approved pneumatic tool.

Vertical face of existing pavement shall be cleaned by compressed air.

All surfaces shall be wetted prior to placing concrete.

Concrete shall be consolidated with internal type vibrator.

Concrete surface shall be cured as soon after the finishing operation as possible.

Item 702.01-Edges of restoration shall be sealed with asphalt cement.

The seal shall be a uniform 3" wide asphalt cement seal.

ENGINEERING DEPARTMENT

STANDARD RESTORATION OF OPENINGS