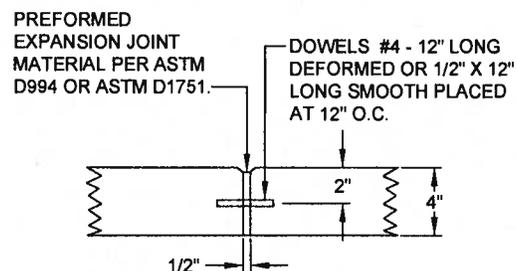
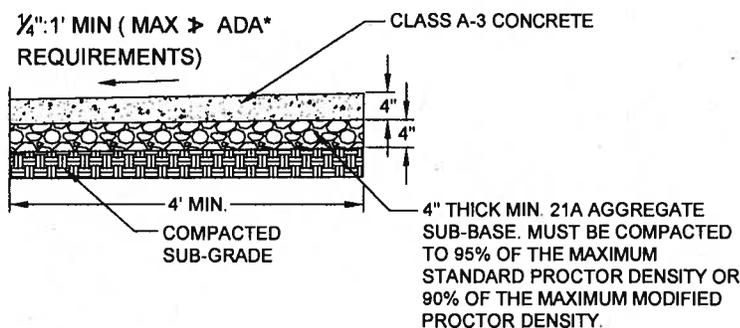


EXPANSION JOINT PLACEMENT



*ADA: AMERICAN WITH DISABILITY ACT.

SIDEWALK SECTION

(N.T.S.)

EXPANSION JOINT

NOTES:

1. SCORING OF CONCRETE SLAB SHALL BE SAW CUT NOT MORE THAN 3/16" IN WIDTH AND NOT MORE THAN 1/4" DEEP.
2. THE EXPANSION JOINTS SHALL BE 1/2" WIDE AND SHALL BE THE FULL THICKNESS OF THE CONCRETE SLAB, AND SHALL BE OF PRE-FORMED EXPANSION JOINT MATERIAL CONFORMING TO THE REQUIREMENTS OF ASTM D994 ASPHALT OR ASTM D1751 FIBRE. EXPANSION MATERIAL SHALL BE SECURED IN A MANNER THAT WILL PREVENT MOVEMENT OR DISPLACEMENT OF CONCRETE DURING PLACEMENT.
3. THE EXPANSION JOINTS SHALL BE PLACED PERPENDICULAR TO CONCRETE CURB AT A DISTANCE OF 30' OR COINCIDING WITH THE SCORING.
4. DOWELS SHALL BE PLACED AT THE END OF A SIDEWALK PLACEMENT, AT INTERRUPTIONS FOR A DRIVEWAY, OR IF SIDEWALK SLABS ARE POURED AT DIFFERENT TIMES.
5. SAWING OF JOINTS SHALL BE CONDUCTED AS SOON AS THE CONDITION OF THE CONCRETE PERMITS AND BEFORE ANY RANDOM CRACKING APPEARS.
6. ALL STRUCTURAL ITEMS TO CONFORM TO THE LATEST EDITION OF UNIFORM STATEWIDE BUILDING CODE (USBC) REQUIREMENTS.
7. PRIOR TO CONSTRUCTION, ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED STRUCTURAL AND/OR GEOTECHNICAL ENGINEER, AND MODIFIED AS NECESSARY BASED ON THE SITE SPECIFIC GEOTECHNICAL REPORT.

STANDARD CONCRETE SIDEWALK

DATE

DEPARTMENT OF TRANSPORTATION &
ENVIRONMENTAL SERVICES

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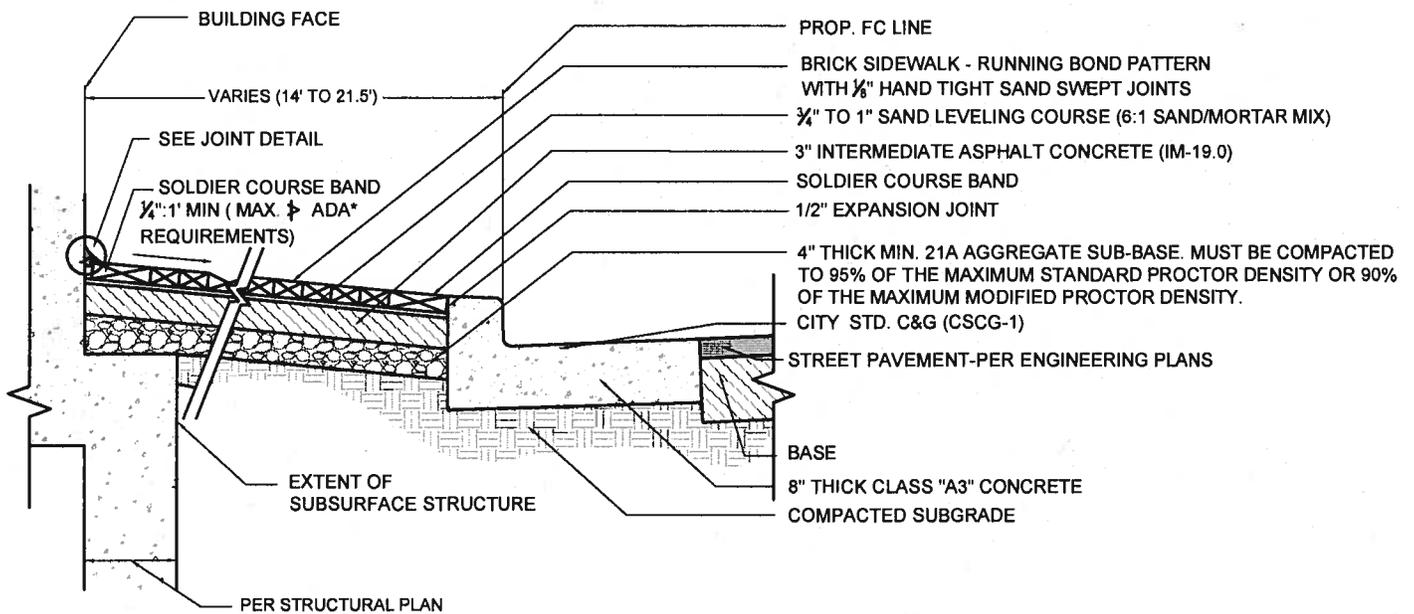
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DATE

ALEXANDRIA

VIRGINIA

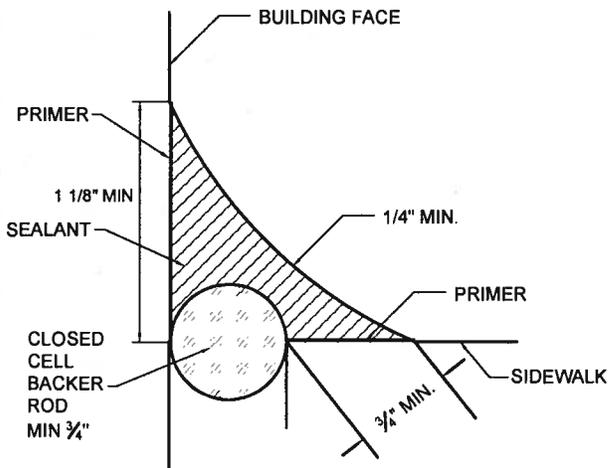
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*ADA: AMERICAN WITH DISABILITY ACT.

NOTES:

1. THE BRICK SHALL BE OLD VIRGINIA #24 EXTRUDED / WIRE CUT, MODULAR SIZE, SHENANDOAH SERIES POPLAR FOREST RED RANGE CONFORMING TO THE REQUIREMENTS OF ASTM C902 CLASS SX, TYPE I OR APPROVED EQUAL. THE BRICK SUBJECTED TO HEAVY VEHICULAR TRAFFIC SHALL CONFORM TO THE REQUIREMENTS OF ASTM C1272 OR APPROVED EQUAL.
2. THE EXPANSION JOINTS SHALL BE 1/2" WIDE AND SHALL BE THE FULL THICKNESS OF THE BRICK LAYER, AND SHALL BE OF PRE-FORMED EXPANSION JOINT MATERIAL CONFORMING TO THE REQUIREMENTS OF ASTM D994 ASPHALT OR ASTM D1751 FIBRE. EXPANSION MATERIAL SHALL BE SECURED IN A MANNER THAT WILL PREVENT MOVEMENT OR DISPLACEMENT OF BRICK DURING PLACEMENT.
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JOINT DETAIL

(REF.: GDBEC)

NOTES:

1. SEALANT SHALL BE ASTM C920 (CURRENT STANDARD), TYPE M, GRADE NS, CLASS 100%, USE T1.
2. CONTRACTOR SHALL CLEAN THE SUBSTRATES FREE OF OIL AND WATER WITH COMPRESSED AIR, OR BRUSHING, SAND BLASTING, GRINDING, OR SAWING AND APPLY PRIMER PER THE RECOMMENDATIONS OF THE SEALANT'S MANUFACTURER.
3. SEALANT MUST BE INSTALLED PER ASTM C1193, AS MODIFIED.

(N.T.S.)

BRICK SIDEWALK AT SUBSURFACE STRUCTURE

DATE

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

CSSW-2

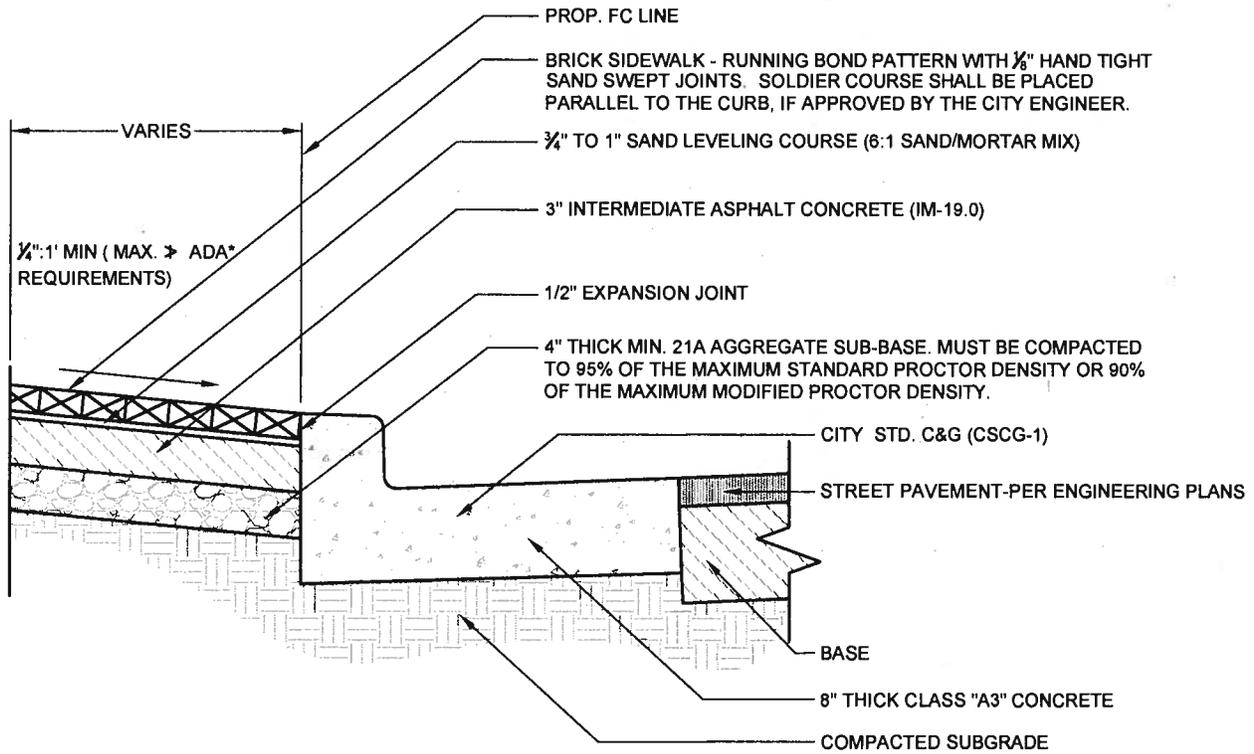
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*ADA: AMERICAN WITH DISABILITY ACT.

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2. THE EXPANSION JOINTS SHALL BE $\frac{1}{2}$ " WIDE AND SHALL BE THE FULL THICKNESS OF THE BRICK LAYER, AND SHALL BE OF PRE-FORMED EXPANSION JOINT MATERIAL CONFORMING TO THE REQUIREMENTS OF ASTM D994 ASPHALT OR ASTM D1751 FIBRE. EXPANSION MATERIAL SHALL BE SECURED IN A MANNER THAT WILL PREVENT MOVEMENT OR DISPLACEMENT OF BRICK DURING PLACEMENT.
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(N.T.S.)

BRICK SIDEWALK

DATE

DEPARTMENT OF TRANSPORTATION &
ENVIRONMENTAL SERVICES

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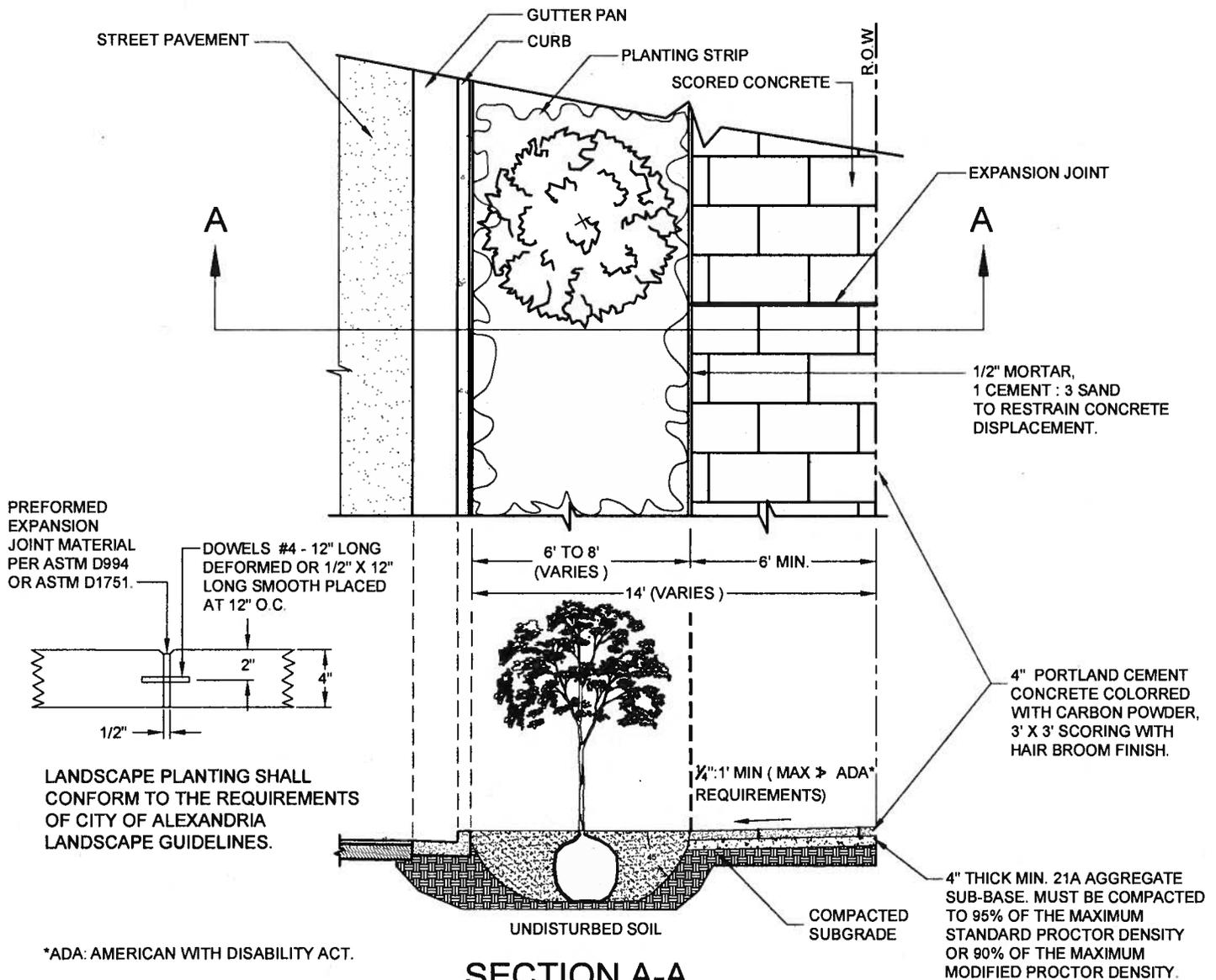
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SECTION A-A
(N.T.S.)

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CONCRETE SIDEWALK SCORING

DATE

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CSSW- 4

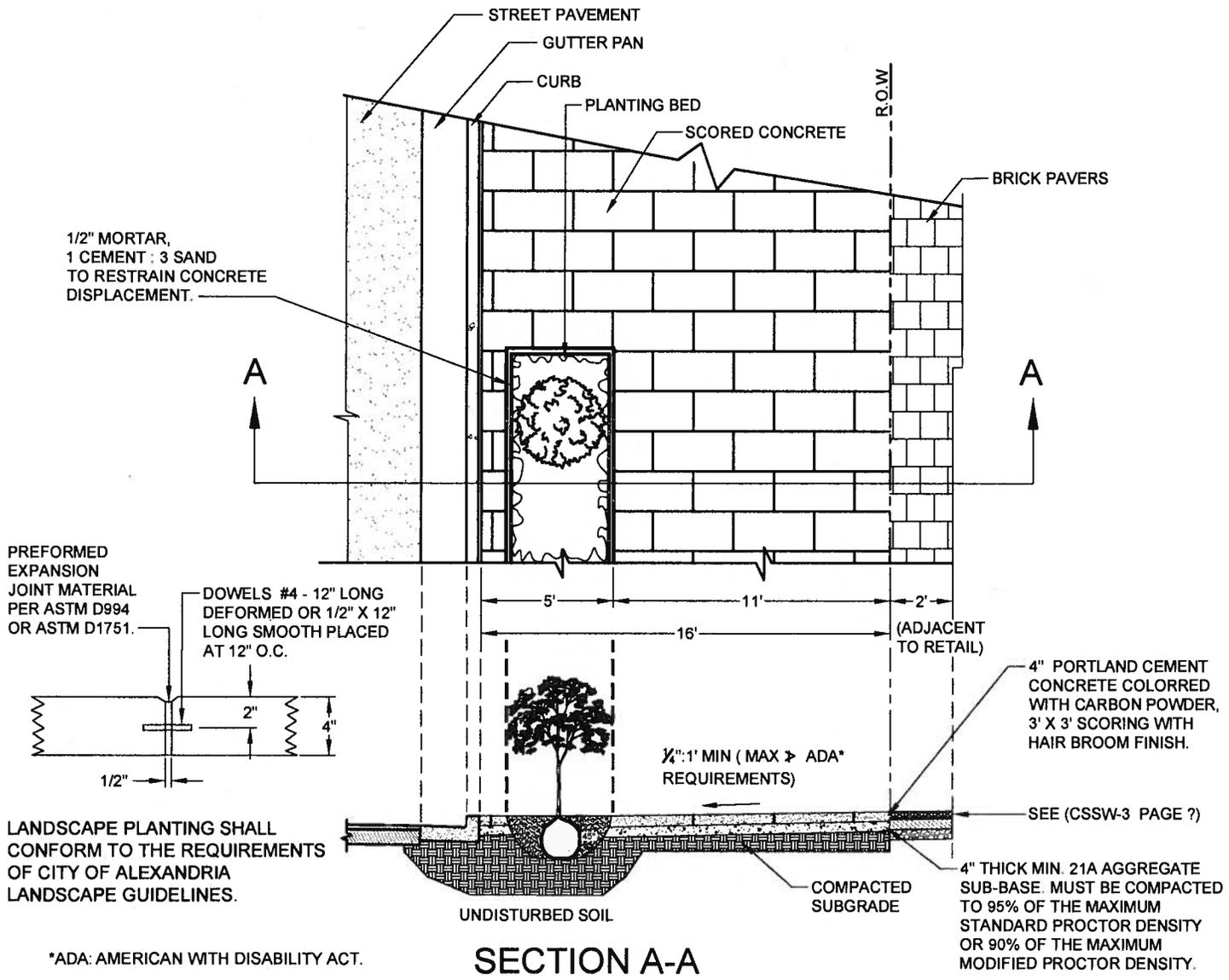
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SECTION A-A
(N.T.S.)

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**CONCRETE SIDEWALK SCORING
WITH TREE WELL**

DATE

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ENVIRONMENTAL SERVICES

CSSW- 5

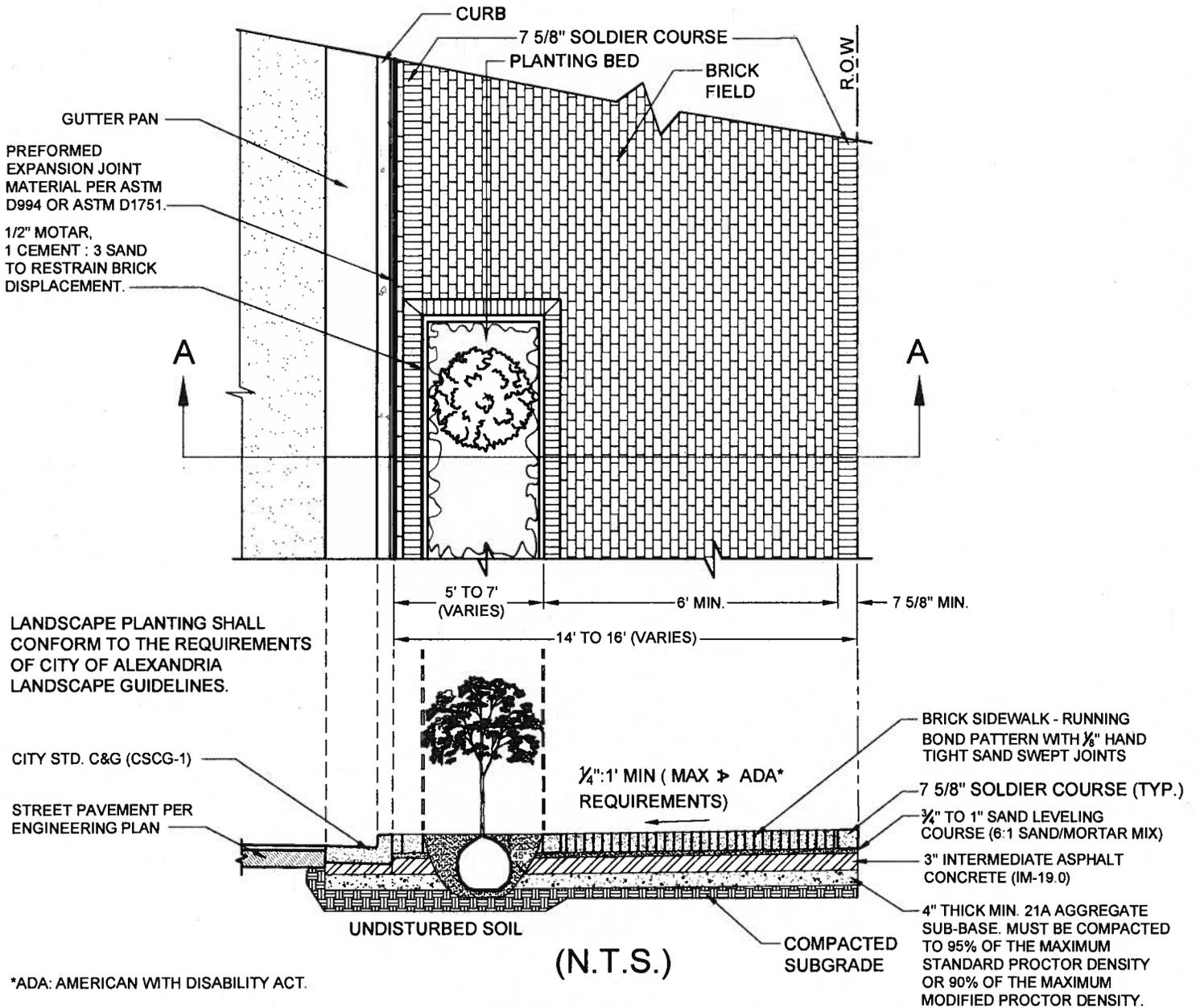
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SECTION A-A

NOTES:

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BRICK SIDEWALK WITH TREE WELL

DATE

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