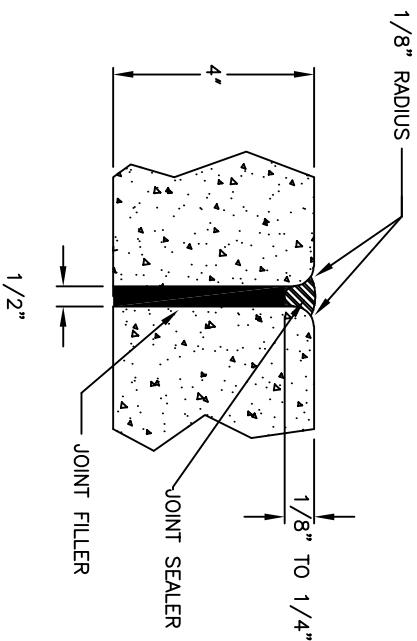


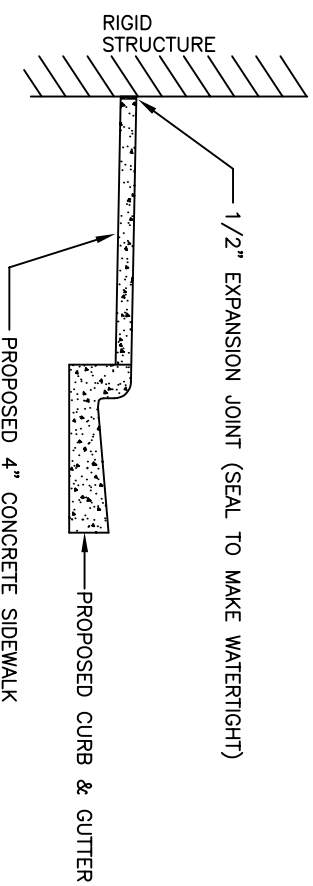
GROOVE JOINT IN SIDEWALK



TRANSVERSE EXPANSION
JOINT IN SIDEWALK

GENERAL NOTES:

1. A GROOVE JOINT 1" DEEP WITH 1/8" RADIUS SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 45' INTERVALS NOT TO EXCEED 50' AND MATCHING EXPANSION/CONSTRUCTION JOINT IN ADJACENT CURB. A SEALED 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
2. SIDEWALK AT DRIVEWAY ENTRANCES TO BE 6" THICK.
3. WIDTH OF NEW SIDEWALK ON ALL STREETS SHALL BE A MINIMUM OF 5'.
4. SIDEWALK TO BE POURED TO END OF RADIUS AT INTERSECTING STREETS.
5. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 PSI. IN 28 DAYS.
6. IN NEW DRIVE CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING SIDEWALK, COMPACTING SUBGRADE, AND REPLACING WITH THE APPROPRIATE THICKNESS.
7. ALL NEW SIDEWALK SHALL MEET OR EXCEED ADA REGULATIONS.
8. CURING COMPOUND MEMBRANE IS REQUIRED ON ALL CONCRETE CONSTRUCTION.
9. ALL SIDEWALK TO HAVE LIGHT BROOMED FINISH. (SEE SECTION 02.03.05 NOTE #24)
10. ALL EXPANSION JOINTS FOR CONCRETE TO BE SEALED WITH SILICONE OR POLYURETHANE PER NCDOT SPECIFICATIONS. HOT APPLIED JOINT SEALER SHALL NOT BE USED. COLOR MUST BE GRAY OR A COLOR THAT MATCHES THE CONCRETE (NOT BLACK)



DETAILS SHOWING EXPANSION JOINTS
IN CONCRETE SIDEWALK

REVISIONS		
NO.	DATE	DESCRIPTION
1	05/08	ADD NOTE #8
2	01/15	ADD NOTE #9
3	03/25	ADD NOTE #10



CONCRETE SIDEWALKS

CITY OF MONROE UNION COUNTY NORTH CAROLINA PREPARED BY:		FILE: I:/Maps-Details/Detail Manual/Details DRAWN BY: JAM DATE: 08-07-01
ENGINEERING DEPARTMENT		CHECKED BY: JNL SCALE: N.T.S.
DETAIL		02.03.01