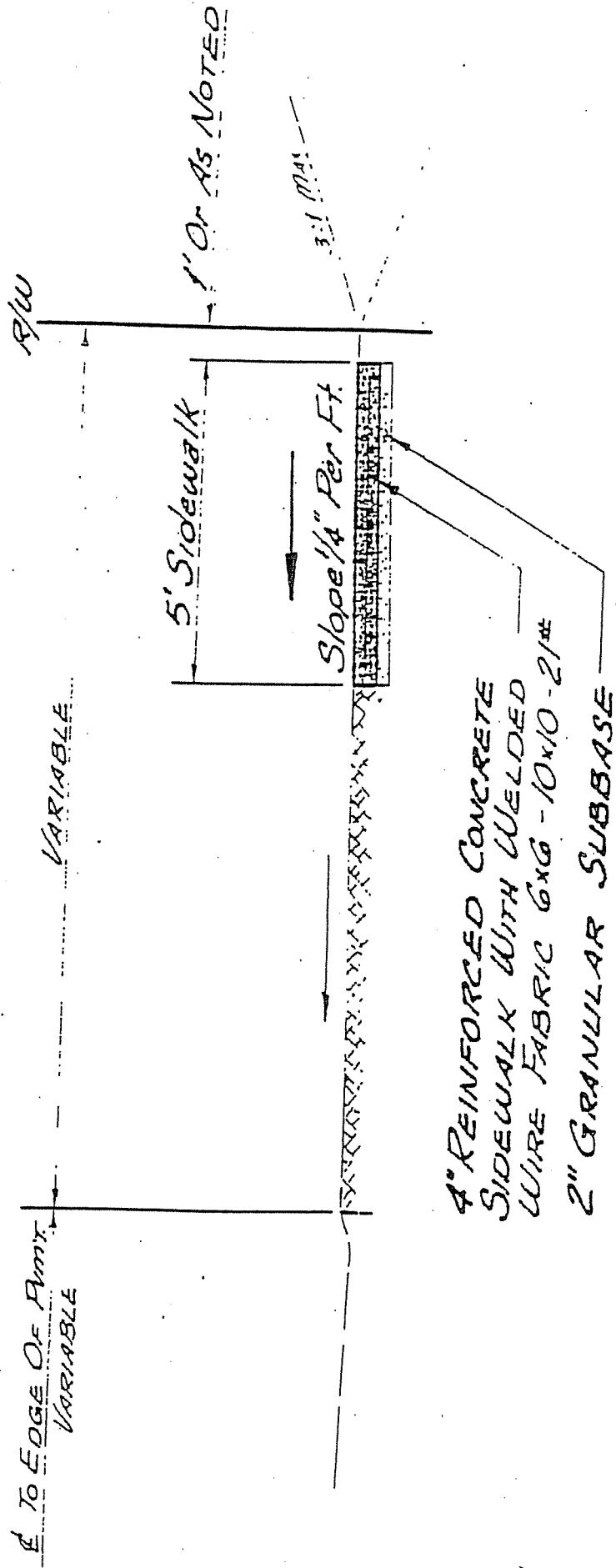


Repair of Existing Sidewalks

CITY OF NORTH OLMSTED

1. Contractor or owner shall obtain permit for sidewalk construction from the City of North Olmsted, Engineering Dept., 5200 Dover Center Rd. The permit cost is \$30.00 and is non-refundable. **Fee is \$60 for starting work without permit.**
2. All sidewalks must be inspected prior concrete pouring. The Engineering Department should be called at least twenty-four (24) hours before concrete is to be poured to arrange for inspection.
3. In general sidewalks shall be:
Five feet (5') in width and four inches (4") thick - except at driveways where they shall be six inches (6") thick for residential and eight inches (8") thick for commercial. No. 10 wire mesh, 6 x 6, shall be provided and used throughout the entire length of the sidewalk. Isolation joints shall be provided on both sides of the sidewalk at the driveway. Fiber reinforced concrete may be used for replacement work provided manufacturer's data on fiber reinforced concrete is submitted and approved prior to installation.
4. Concrete shall be Class "C" except that it shall contain at least 6.0 sacks of cement per cubic yard and not more than 5.5 gallons of water per sack of cement.
5. Isolation joints shall be placed every 25 feet or less. Contraction joints shall be placed every five feet (5') at least one inch (1") deep and 1/8 inch wide. The contraction joint need not be filled. Isolation joints shall be made of pre-molded fiber.
6. Concrete shall have 7% + 1% entrained air.
7. Concrete shall be cured and sealed with a liquid membrane sealer which is an epoxy chlorinated polymer, containing a fugitive dye, preferably red. Below are some common trade names of the specified liquid membrane curing compound (One gallon covers 300-400 sq. ft.):
 - Polyseal
 - Clearseal
 - Clear & Seal
 - Clear Bond
 - Euco Floor Coat
 - Chem Masters, Inc.
 - A.C. Horn Company
 - Sanaborn
 - Guardian Chemical Company
 - Euclid Chemical Company
8. The bottom of the excavation for the walk or top of the fill shall be known as the subgrade.
 - All soft or hard material and other portions of the subgrade which will not compact readily when rolled or tamped, shall be removed and replaced with suitable material placed and compacted as specified herein.
 - Foundry sand, ground cinders, "popcorn," or similar materials **shall not** be used for a subbase. The subgrade shall be finished in acceptable condition for at least one day's progress in advance of the sidewalk construction at all times.
9. Manhole, water box and gas box castings that are in the sidewalk shall be adjusted flush to the finish grade of the sidewalk, at the owner's expense.
10. If these specifications do not cover specific problem encountered, an Engineering Department Inspector should be consulted for a decision. The top of new sidewalk grade should meet all existing concrete or asphalt driveway elevations. The sidewalk should slope 1/4" per foot from the back of walk to front (street side of walk).



TYPICAL SECTION OF SIDEWALK
 No SCALE

CHAPTER 903
Sidewalks

903.01 Permit required; fees.
903.02 Construction standards.

903.99 Penalty.

CROSS REFERENCES

Construction or repair at owner's expense - see Ohio R.C. 729.05
Cleaning at owner's expense - see Ohio R.C. 729.15
Sidewalk damage - see GEN. OFF. 521.04
Notice to construct, repair or clean sidewalks - see GEN. OFF. 521.06

903.01 PERMIT REQUIRED; FEES.

No person, except in cases of undedicated subdivisions or in streets where special assessments are to be made, shall install, construct or replace sidewalks in or on any public street or highway or other public property without first obtaining a permit to do so from the Service Director.

The Service Director shall demand and receive a fee of thirty dollars (\$30.00) for each 500 square feet or fraction thereof of sidewalk before the issuance of any such permit. This amount is necessary to defray the costs of administration and inspection to insure conformance of the work to City specifications. If construction is commenced prior to obtaining the permit, the fee shall be sixty dollars (\$60.00) for each 500 square feet, or fraction thereof of sidewalk.

No portion of the fee shall be refundable.
(Ord. 94-58. Passed 4-19-94.)

903.02 CONSTRUCTION STANDARDS.

The following standards regarding the construction or reconstruction of sidewalks within the City are hereby established:

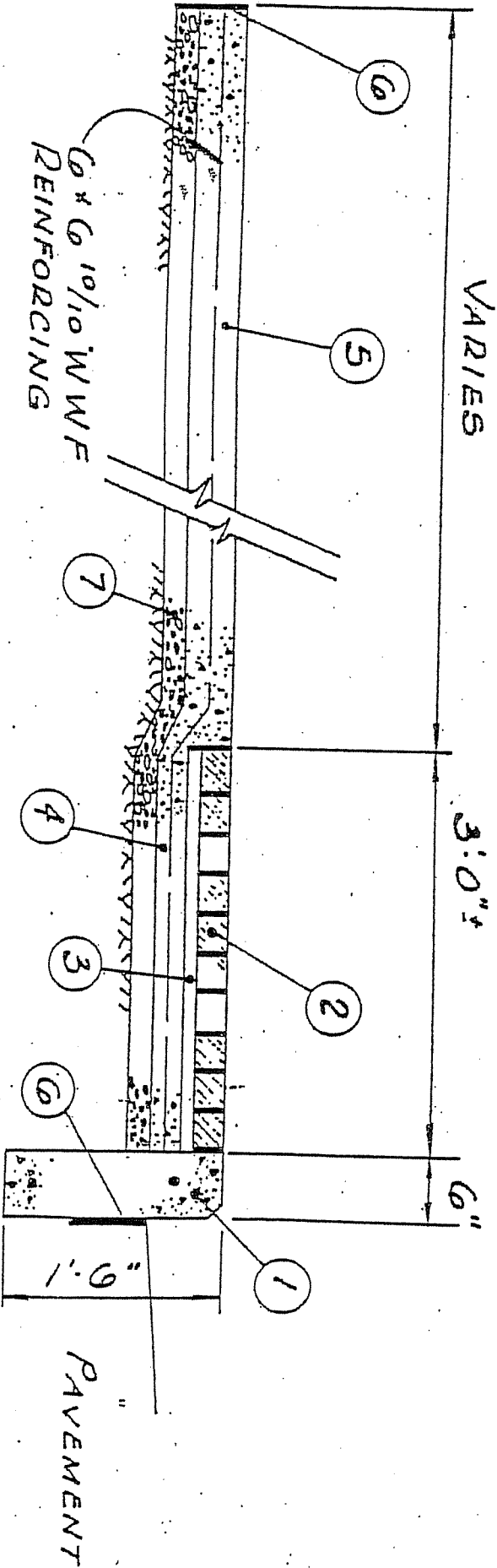
- (a) On local residential streets, sidewalks shall be located in the public right of way so that the inner line is approximately one foot from the property line. On corner lots, each sidewalk shall be extended to the curb. In one-family and multi-family residential developments, industrial developments and business developments, walks shall be not less than five feet wide.
- (b) Sidewalks shall be constructed of concrete four inches thick, except that where they are crossed by driveways they shall not be less than six inches thick. Moreover, all sidewalks shall be in accordance with other City standards for construction.

- (c) Sidewalks shall be constructed for all new buildings or residences along the entire right-of-way line of the parcel. The Service Director may waive this requirement if less than one-fourth of the existing buildings or residences on the street have a sidewalk in front of their parcel of land.
- (d) All new curbs that are authorized to be constructed under the Subdivision Regulations, and all existing curbs which are part of any reconstruction, shall have a ramp with a nonslip surface built into the curb at each pedestrian crosswalk so that the sidewalk and street blend into a common level. Such ramps shall not be less than forty inches wide and shall, insofar as feasible, be constructed in accordance with the standard drawings and specifications for curb ramps of the Ohio Department of Transportation and the applicable provisions of the Ohio Basic Building Code, which drawings, specifications and provisions are hereby adopted and approved by Council and made a part hereof as though fully rewritten herein.
(Ord. 94-58. Passed 4-19-94.)

903.99 PENALTY.

Whoever violates any provision of this chapter is guilty of a minor misdemeanor. Any such violation shall constitute a separate offense on each successive day continued.
(Ord. 94-58. Passed 4-19-94.)

- ① 6" x 18" CONCRETE CURB W/ 2-#5 REBARS
- ② 2 1/4" x 3 5/8" x 7 5/8" PAVING BRICK
- ③ 1" SAND LEVELING BED
- ④ 3" CONCRETE BASE
- ⑤ 4" CONCRETE WALK
- ⑥ 1/2" PERFORMED JOINT O.D.O.T. ITEM 705.03 W/ JOINT SEALER O.D.O.T. ITEM 705.01
- ⑦ 2" GRANULAR BEDDING



BRICK PAVING & CONCRETE WALK

DETAILS