PAVING SPECIFICATIONS

ASPHALT CONCRETE PAVING

1. MATERIALS:
   a. Tack coat, emulsified asphalt, AASHTO M 140.
   b. Asphalt Cement, AASHTO M 226.
   c. Aggregate Base Course: Ohio Department of Transportation (ODOT) Specification Item 304.
   d. Asphalt Concrete Intermediate Course: ODOT Specification Item 402.
   e. Asphalt Concrete Surface Course: ODOT Specification Item 404.
   f. Lane Marking Paint: Chlorinated rubber-alkyd type, FS TT-P-115 Type III; yellow.

2. SURFACE PREPARATION:
   a. Proof Roll Prepared Subbase surface to check for unstable areas or areas requiring additional compaction. Subbase shall be approved by Testing Laboratory prior to base course application.
   b. Apply tack coat at the rate of 0.05 to 0.15 gal./sq. yd. to in-place asphalt, concrete contact surfaces and other surfaces which will contact paving.

3. PAVING TOLERANCES:
   a. Thickness of surface course, not more than 1/4".
   b. Wearing course surface smoothness, not more than 3/16" when measured with a 10' straightedge.

4. A/C CURBS: Construct per ODOT Specification Item 609.06.

5. TRAFFIC & LANE MARKINGS: Apply 2 coats marking paint over cleaned paving surface.

CONCRETE PAVING WALKS AND CURBS

1. CONCRETE MATERIALS:
   a. Portland Cement: ASTM C 150, Type I.
   b. Aggregates: ASTM C 33.
   c. Air-Entraining Admixture: ASTM C 260.

2. REINFORCING MATERIALS:
   a. Deformed Reinforcing Bars: ASTM A 615, Grade 60, unless otherwise indicated.
   b. Welded Wire Fabric: ASTM A 185. Use 6x6/10-10 generally, except use 6x6/6-6 at concrete drive aprons.

3. MISCELLANEOUS MATERIALS:
   a. Curing and Sealing Compound: ASTM C 309, Type 1, Class A.
   b. Bituminous/Fiber Expansion Joint Filler: Preformed strips of asphalt-saturated fiberboard, complying with ASTM D 1751.

4. CONCRETE MIX: 3500 psi min. @ 28 days, 2-4" slump, 5%-8% air content.

5. JOINTS:
   a. Provide control joints 5'-0" max. at walks, 5'-0" max. each direction at paving.
   b. Provide expansion joints where walks/paving abut structures, masonry walls, curbs and other fixed objects, and at 20' o.c. elsewhere unless otherwise indicated.

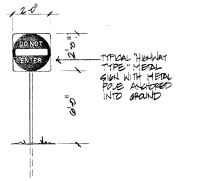
6. FINISHES:
   a. Broom finish, with fine line texture perpendicular to line of traffic, generally.
   b. On inclined slab surfaces, a coarse, non-slip stiff-bristled broom finish.

7. CURING:
   a. Anti-Spalling Treatment: Apply a 2nd coat of curing and sealing compound no sooner than 28 days after placement at manufacturer's recommended application rates.

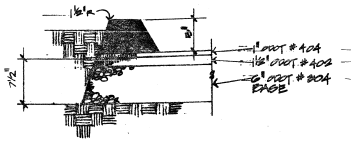
SCOPE OF WORK

BASE BID: CONSTRUCTION OF SOUTH PARKING AREA INCLUDING SEWER AND UTILITIES STRIPING ALL PARKING AREAS AS SHOWN

SEPERATE BID: CONSTRUCTION OF NORTH GRAVEL DRIVE

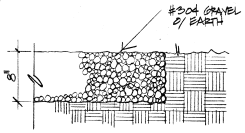


DETAIL SIGN 1
NTS

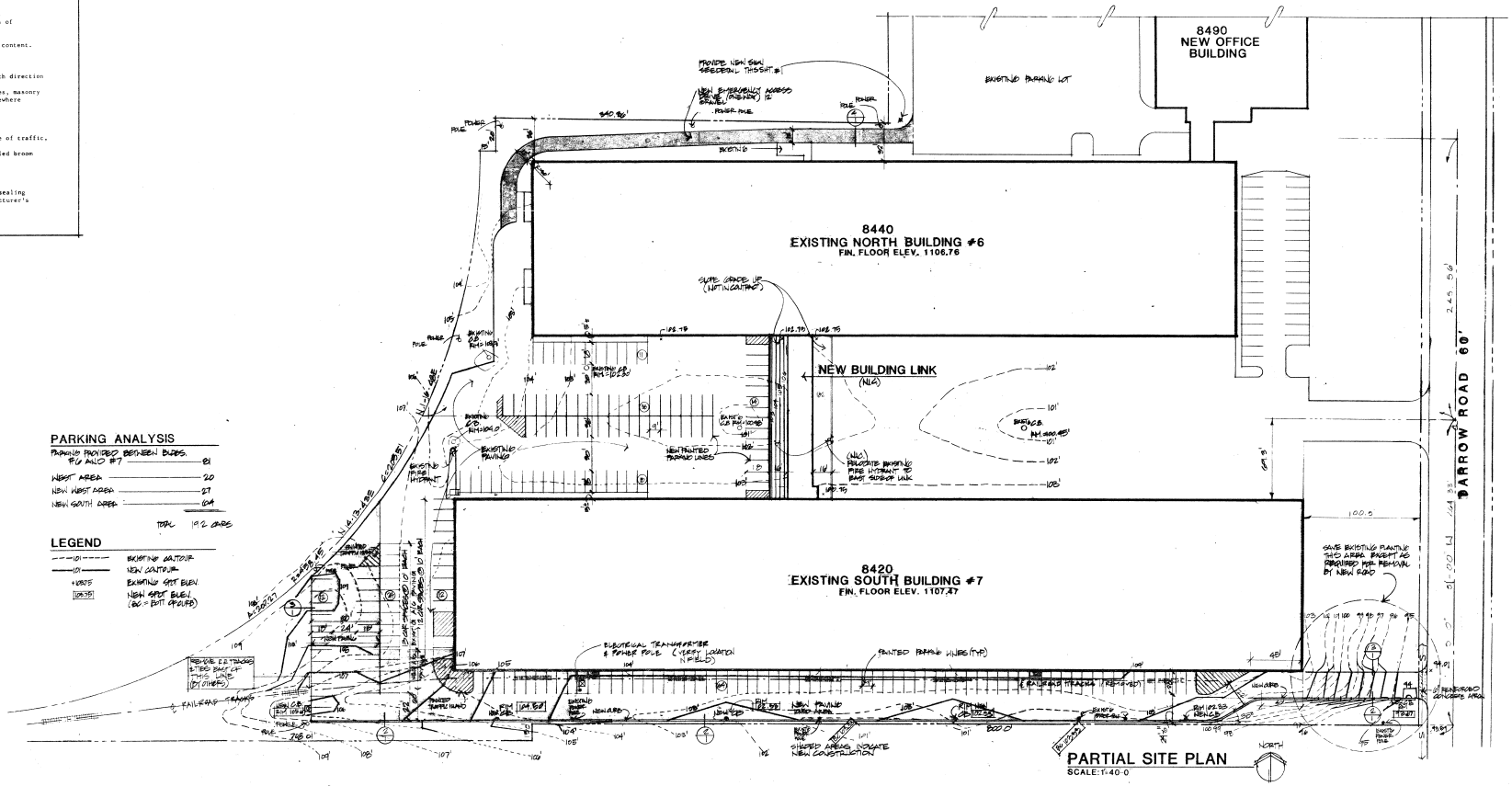


DETAIL ASPHALT CURB 2
SCALE: 1½" = 1'-0"

DETAIL ASPHALT PAVING 3
SCALE: 1½" = 1'-0"



DETAIL GRAVEL PAVING 4
SCALE: 1½" = 1'-0"



ADDITIONS FOR **ALLEN-BRADLEY**

DARROW & HIGHLAND ROADS TWINSBURG, OHIO

MERCANTILE-TWINSBURG ASSOCIATES - DEVELOPER

STATE OF OHIO
TEARE 674
HERMAN 3501
GIBANS 3739
Registered Architects

NO.	DATE	REVISION	BY

TITLE: PARTIAL SITE PLAN: NEW NORTH DRIVE & SOUTH PARKING AREA

DRAWN: RDD SCALE: 1"=40'-0"

CHECKED: NDB DATE: MAY 15, 1987

TEARE HERMAN & GIBANS INC. ARCHITECTS
1120 Terminal Tower Cleveland, Ohio 44113 (216)696-3460

JOB NO. 8690 C

DRAWING NO. SD-1

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