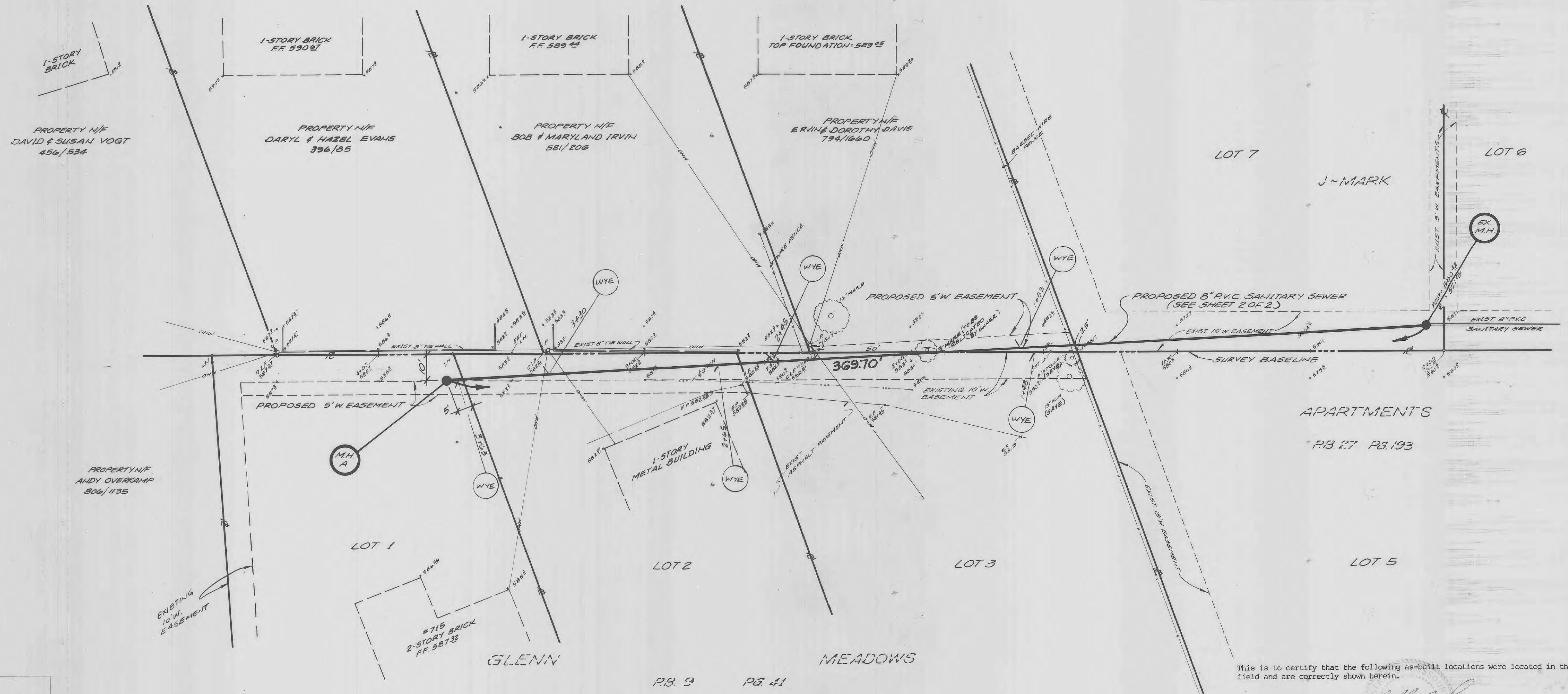
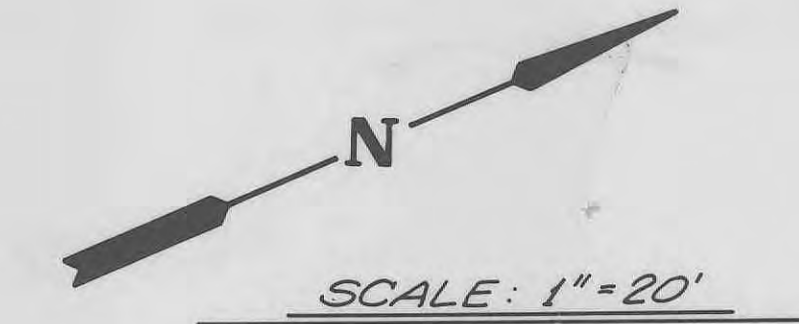
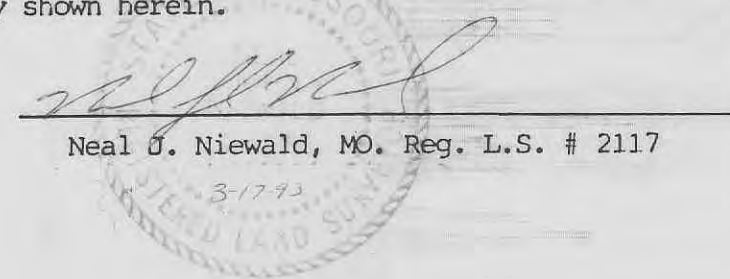


**SANITARY SEWER PLAN FOR
SERVICE TO LOTS 1 THRU 3 OF GLENN MEADOWS SUBD.
SECTION 29, TOWNSHIP 47 NORTH, RANGE 3 EAST
ST. CHARLES COUNTY, MISSOURI**

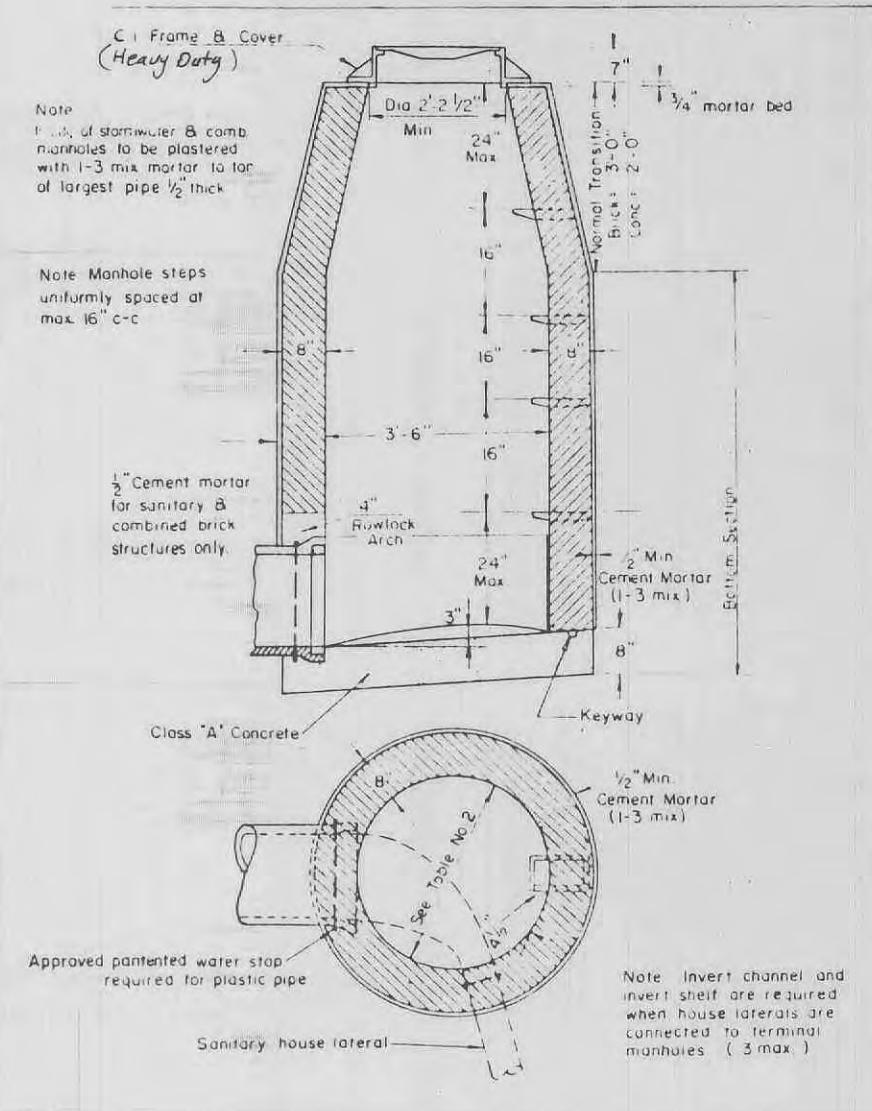
SANITARY SEWER AS-BUILTS



This is to certify that the following as-built locations were located in the field and are correctly shown herein.


 Neal O. Niewald, MO. Reg. L.S. # 2117

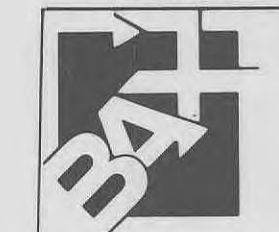
- Underground utilities have been plotted from available information and therefore their locations shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans shall be the responsibility of the contractor, and shall be located prior to any grading or construction of the improvements.
- 8" P.V.C. sanitary sewer pipe shall meet the following standards. A.S.T.M.-D-3034 SDR-35, with wall thickness compression joint A.S.T.M.-D-3212. An appropriate rubber seal waterstop as approved by the sewer district shall be installed between P.V.C. pipe and masonry structures.
- All filled places, including trench backfills, under buildings, proposed storm and sanitary sewer lines and/or paved areas, shall be compacted to 90% maximum density as determined by the "Modified AASHTO T-100 Compaction Test," (A.S.T.M.-D-1557). All filled places within public roadways shall be compacted to 95% of maximum density as determined by the "Standard Proctor Test AASHTO T-99, Method C" (A.S.T.M. D-698).
- All construction and materials used shall conform to current City of O'Fallon Standards.
- All P.V.C. sanitary pipe to have crushed stone bedding uniformly graded between 1" and 1/4" size. This bedding shall extend from 3" below the pipe to 12" above the top of the pipe.
- The City of O'Fallon shall be notified 48 hours prior to start of construction of sanitary sewers for coordination and inspection.
- Brick will not be used in the construction of sanitary sewer manholes and all sanitary sewer manholes shall have 31 mil thick coat of coal tar pitch waterproofing.
- Heavy-duty lids shall be used on all manholes.
- All disturbed areas shall be seeded and mulched.
- This property will be served by the following utilities:
 WATER: City of O'Fallon
 SANITARY SEWER: City of O'Fallon
 ELECTRIC: Union Electric Company
 GAS: St. Charles Gas Company
 TELEPHONE: GTE Telephone Company



TERMINAL MANHOLE METROPOLITAN ST. LOUIS SEWER DISTRICT
 Standard Details of Sewer Construction
 Dr. of Ch. J.C.K. FEB 1964 Sheet 18

PREPARED FOR :
MR. BILL BRINK
9 RHEIMS COURT
LAKE SAINT LOUIS, MO. 63367
(314)625-9332

PREPARED BY :



ENGINEERING
 DATE: JAN. 1992 213-92
 35 North Central Suite 235
 Clayton, MO 63105
 91-3453
 PROJECT NUMBER
 1 OF 2
 SHEET

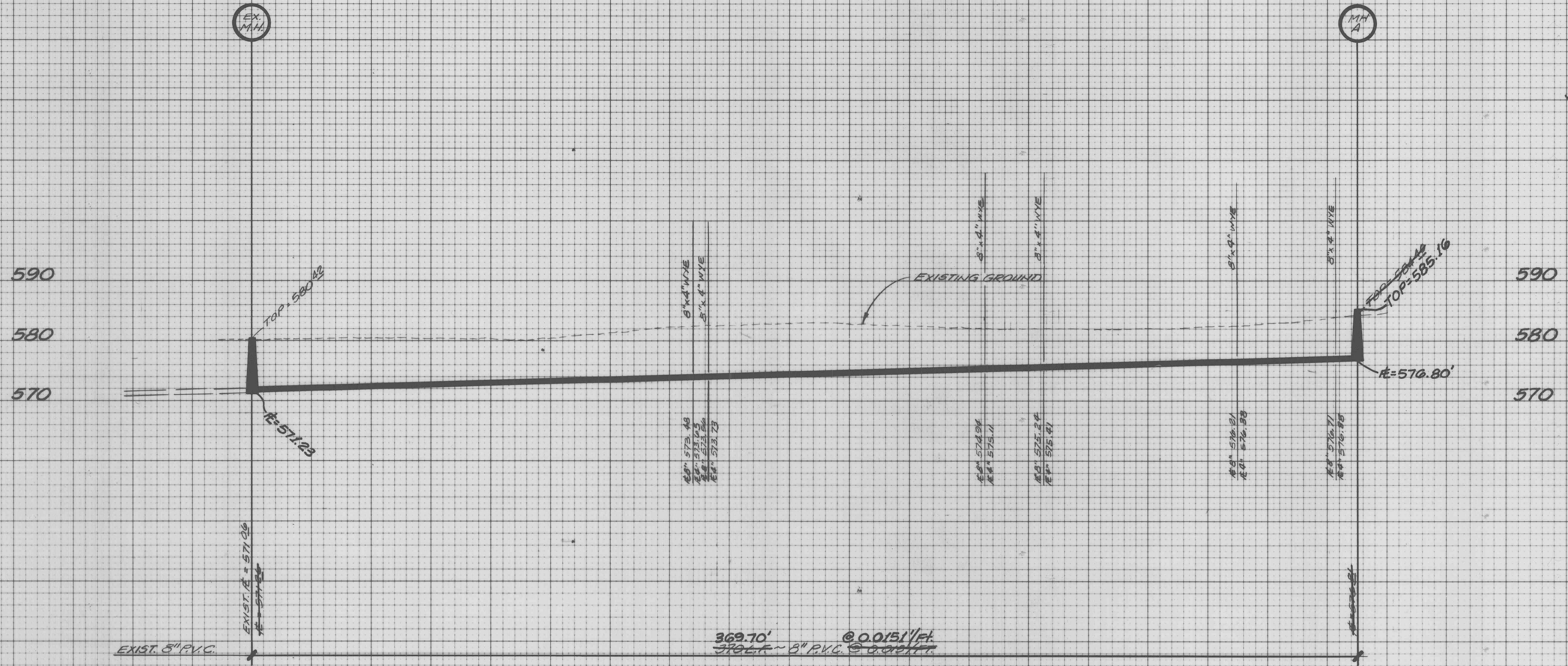
PLANNING 314-726-6588
 SURVEYING

AS-BUILTS ADDED MARCH , 1993.

SCALE:
 1" = 20' HORIZ.
 1" = 10' VERT.

FINAL SURVEY BY DATE
 SURVEYED PLOTTED
 NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED PLOTTED
 NOTE BOOK NO. AREAS CHECKED



AS-BUILTS ADDED MARCH, 1993.

