Twin Oaks

FILE

SEWER LINE EXTENSION

Part of the Southwest Fractional Quarter of Section 20, T.47N., R.3E., St. Charles Co. MO.

APPROVED
1-12-95
Jim Kenyon

GENERAL NOTES

1) 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.

2) All manhole tops built without elevations furnished by the Engineer will be the responsibility of the Sewer Contractor.

3) 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.

4) 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-180 Compaction Test," (A.S.T.M.-D-1557). All filled places within public roadways shall be compacted to 90% of maximum density as determined by the "Standard Proctor Test AASHTO T-99, Method C" (A.S.T.M. D-698).

5) All trench backfills under paved areas shall be granular backfill, and shall be compacted to 90% of the maximum density as determined by the "Modified AASHTO T-180 Compaction Test," (A.S.T.M.-D-1557). All other trench backfills may be earth material (free of large clods or stones). All trench backfills shall be water jetted.

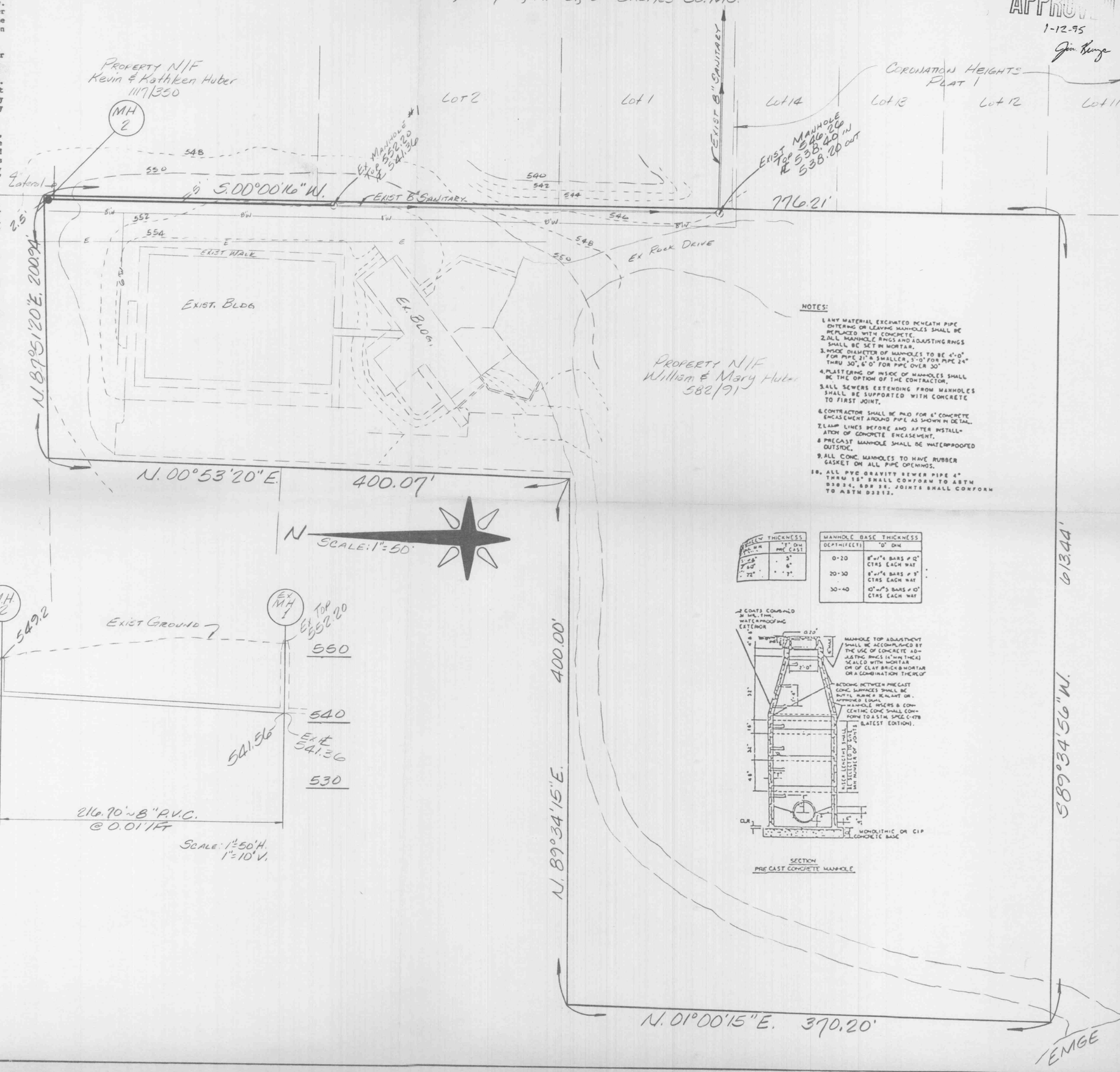
6) No area shall be cleared without the permission of the Project Engineer.

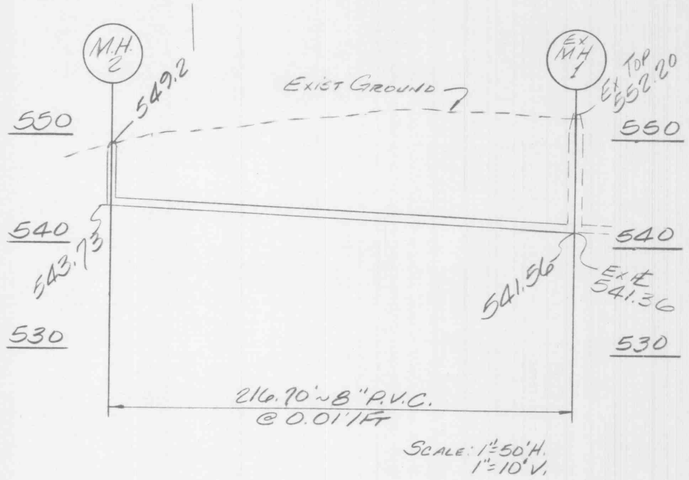
7) All grades shall be within 0.2 feet of those shown on the grading plan.

8) No slope shall be steeper than 3:1 or as called for in the Soils Report for the Project. All slopes shall be sodded or seeded and mulched.

9) All construction and materials used shall conform to current City of O'Fallon Standards.

10) All P.V.C. sanitary pipe to have crushed stone bedding uniformly graded between 1" and 1/4" size. This bedding shall extend from 6" below the pipe to 12" Above top of Pipe.





SECTION
PRE CAST CONCRETE MANHOLE

REVISIONS

1-6-95	NEW DETAIL

ENGINEERING
PLANNING
SURVEYING

1052 South Cloverleaf Drive
St. Peters, MO. 63376-6445
314-928-5552
FAX 928-1718

12-19-94
DATE

89-3094A
PROJECT NUMBER

1 1
SHEET OF

FILE NAME

J.Q.P. R.L.F.
DRAWN CHECKED