

CONSTRUCTION NOTES

Location of existing underground utilities are approximate and are not necessarily all of some. The contractor shall be responsible for determining the location of all existing underground structures prior to the initiation of any construction. Contractor shall also assume full responsibility for damage to any utilities encountered within construction perimeters. For site location of existing utilities involving M.L.C&K, South Central Bell, and/or Texas Gas Company, please call 1-800-351-1111. For Sewer Service locations, call 529-8023.

Contractor shall ensure uninterrupted sewer service on all existing sewer and service connections by providing simple temporary wastewater pumping and/or bypassing.

Contractor shall maintain access to all properties.

Contractor shall notify the City of Memphis Construction Inspecting Office at 729-2462 a minimum of 24 hours prior to beginning any construction.

All areas in cut or fill where vegetation has been removed shall be seeded, mulched, fertilized, and/or sodded as required to prevent erosion.

The contractor shall verify existing data and report any significant discrepancies to the Engineer.

All sanitary sewer to be constructed as per City of Memphis Standard Construction Specifications. Sanitary sewer service connections to be installed as per City of Memphis Standard SST-16.

All sewer manhole lids in open areas are to be constructed 1.5' above initial grade, 0.5' above final grade.

All sanitary sewer, including service connections, which has less than 1.5' clearance (outside of pipes) with drainage or in filled areas shall be Class 50 D.I.P. or concrete encased, 10' of both sides of crossing. All ductile iron pipe shall be polyethylene lined or shall be treated with Protolite 401 or approved equivalent.

The City of Memphis shall have ingress/egress rights to use private drives and yards for the purpose of maintaining all public sewer lines and shall bear no responsibility for the maintenance of said private drives and yards.

No trees, shrubs, permanent structures or other utilities (except for crossings) will be allowed with sanitary sewer easement.

No other utilities or services may occupy sanitary sewer easements in private drives and yards except for crossings.

All sanitary sewer manholes in reverse storm streets, alleys or drives (including private) shall be installed with gully and plugs (or "pick holes" to prevent drainage inflow into sewer system).

The contractor shall provide adequate and effective erosion control as necessary to prevent any siltation into existing drainage system and/or adjacent properties.



VICINITY MAP-NTS

APPROVED FOR CONSTRUCTION

THE DOCUMENT BEARING THIS STAMP HAS BEEN RECEIVED AND REVIEWED BY THE CITY OF MEMPHIS DIVISION OF ENGINEERING UNDER AUTHORITY DELEGATED BY THE TENNESSEE DEPARTMENT OF REVENUE AND THE TENNESSEE DIVISION OF WATER POLLUTION CONTROL AND IS HEREBY APPROVED FOR CONSTRUCTION BY THE CITY ENGINEER. THIS APPROVAL EXPIRES 1 YEAR FROM APPROVAL DATE. A PRESUMPTION OF CORRECT OPERATION OR AS WARRANTED BY THE CITY ENGINEER THAT THE APPROVED FACILITIES WILL REMAIN THE DESIRED CONDITION.

SEWER BASIN :

MEMPHIS, TENNESSEE

DIVISION OF ENGINEERING

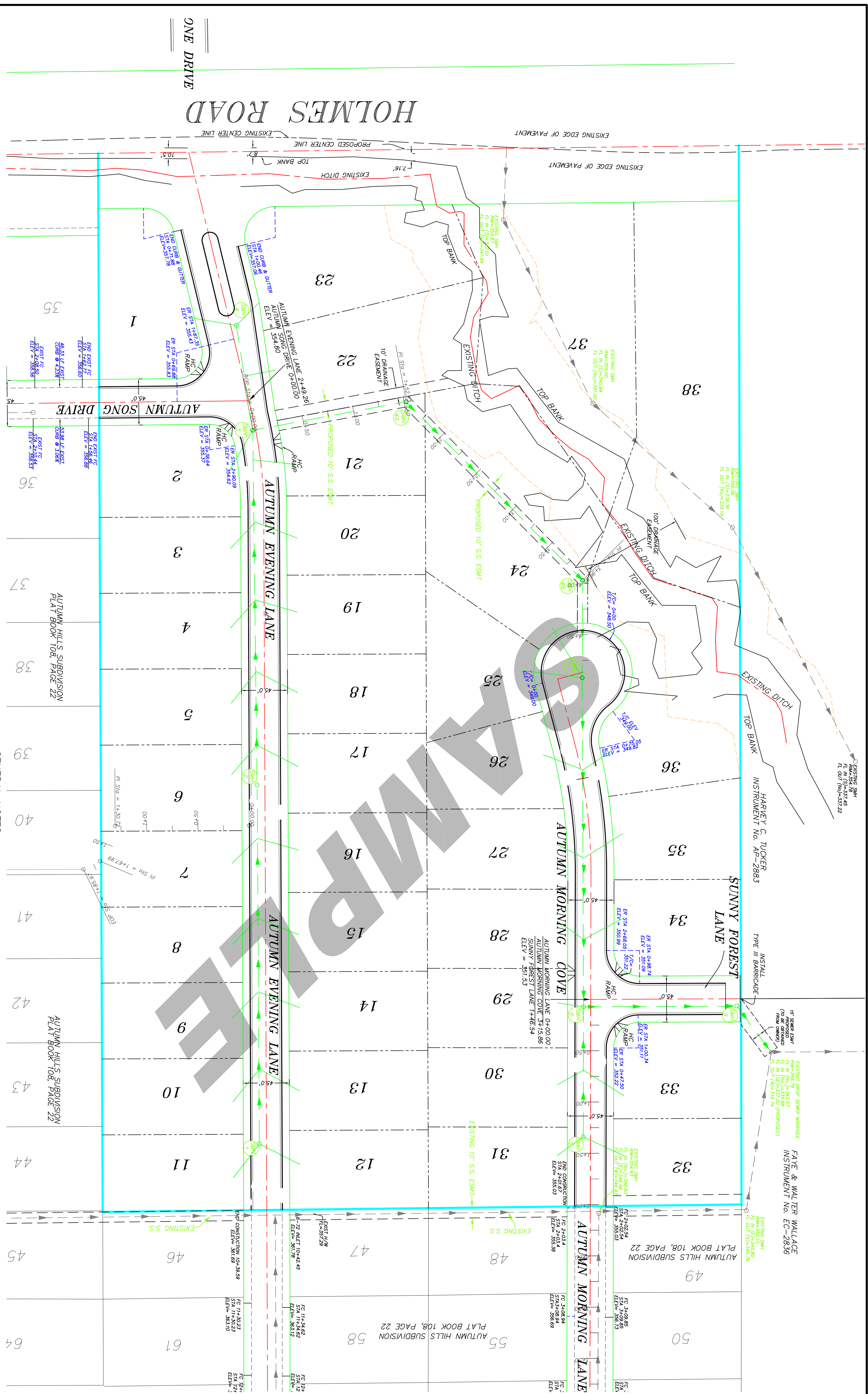
SANITARY SEWER PLAN

MEMPHIS, TENNESSEE

DESIGN BY: MGHASSEM, PE, RLS DATE: APRIL, 2004 BOOK: SCALE: 1"=50'

REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE



PROPOSED SANITARY SEWER

FROM SMH #	INVERT ELEV (OUT)	AS-BUILT INVERT	TO SMH #	INVERT ELEV (IN)	AS-BUILT INVERT	PIPE DIAMETER (IN)	PROP LENGTH (FT)	AS-BUILT LENGTH (FEET)	SLOPE (%)	AS-BUILT SLOPE (%)	FLOW (GPM)	CAP (GPM)
SMH#1	353.00		SMH#2	350.10		8"	350		1.40			
SMH#2	350.00		SMH#3	346.00		8"	345		1.16			
SMH#4	349.50		SMH#3	346.00		8"	110		3.18			
SMH#3	345.90		SMH#4A	345.14		8"	152		0.50			
SMH#4A	345.04		SMH#4B	343.82		8"	244		0.50			
SMH#4B	343.72		SMH#7	343.25		8"	99		0.50			
SMH#7	343.15		SMH#6	341.55		8"	320		0.53			
SMH#6	348.00		SMH#6	341.55		8"	127		5.08			
SMH#5	341.45		SMH#9	340.10		8"	150		0.90			
SMH#9	340.00		EX-SMH	337.00		8"	56		5.36			

GENERAL NOTES:
 1- SUBJECT PROPERTY IS LOCATED IN ZONE "X" PER FIRM MAP PANEL NO. 47157C0185 E. ZONE "X" IS AN AREA DETERMINED TO BE OUTSIDE 100 AND 500 YEAR FLOOD PLAIN PER FIRM MAPS.

BENCHMARK:
 CITY OF MEMPHIS BENCHMARK NO. 252
 LOCATED ON THE NW COR OF RIVERDALE
 AND THE NW COR AT BACK OF CURB
 ON RIVERDALE SIDE
 ELEV = 356.84