

GENERAL NOTES

- Underground facilities, structures and utilities have been plotted from available surveys and records and, therefore, their locations must be considered approximate only. There may be others, the existence of which is presently not known. Contractor shall verify all locations before construction.
- All construction and materials shall conform to latest standards and specifications of the local plumbing code.
- Trenches under existing paving and under areas to be paved shall be granularly backfilled with one (1) inch minus crushed limestone. Backfill shall be placed in accordance with local standards.
- In all areas where sanitary or storm sewers are to be constructed in filled ground, fill shall be placed to approximate grade and compacted to 90% maximum dry density prior to excavating and installing pipe.
- All concrete pipe shall conform to ASTM Designation C14-67 standard strength, except as noted, reinforced concrete pipe shall conform to ASTM Designation C76-67 class III as noted.
- All Poly Vinyl Chloride Pipe shall conform at ASTM Designation D-3034 Type PSM DR 35 or equal.
- All manhole frames and covers shall be Frame No. B-1113, Cover No. B-1114 as manufactured by Tower Grove Foundry or equal.
- All storm sewer pipe within the right-of-way shall be reinforced concrete pipe.
- The minimum vertical distance from the low point of a sanitary sewer at the corresponding house connection shall not be less than the diameter of the sewer plus a vertical distance of 2 1/2 feet.

DRAINAGE AREA SCHEDULE

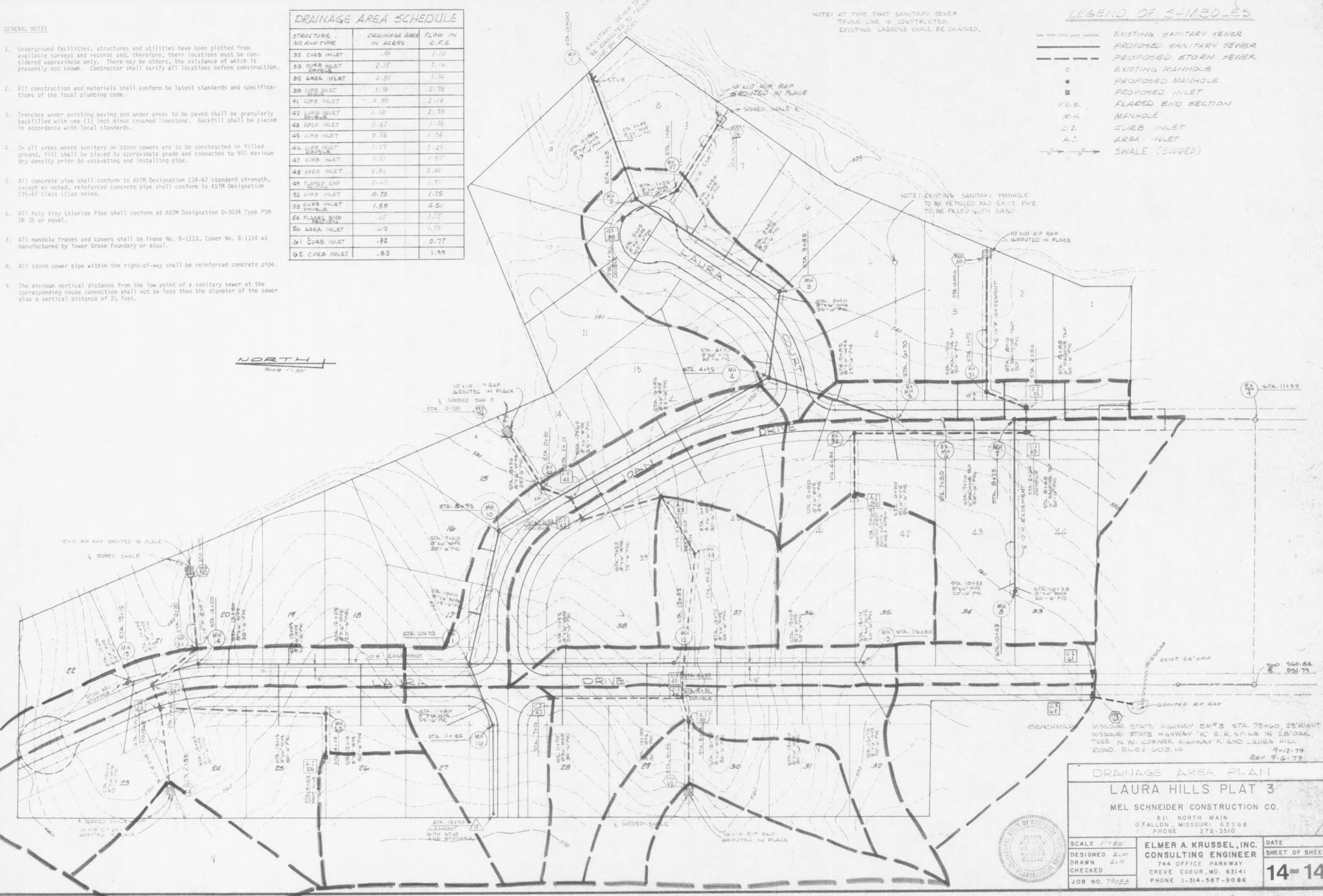
STRUCTURE NO. AND TYPE	DRAINAGE AREA IN ACRES	FLOW IN C.F.S.
32 CURB INLET	.46	1.10
33 CURB INLET DOUBLE	2.15	5.16
35 AREA INLET	0.80	1.92
38 CURB INLET	1.16	2.78
41 CURB INLET	0.89	2.14
42 CURB INLET DOUBLE	1.16	2.78
43 AREA INLET	0.61	1.46
45 CURB INLET	0.56	1.34
46 CURB INLET DOUBLE	1.57	3.29
47 CURB INLET	0.77	1.85
48 AREA INLET	0.85	2.00
49 FLARED END SECTION	0.45	1.51
52 CURB INLET	0.73	1.75
53 CURB INLET DOUBLE	1.88	4.51
54 FLARED END SECTION	.65	1.55
56 AREA INLET	.65	1.55
61 CURB INLET	.32	0.77
62 CURB INLET	.83	1.99

NOTE: AT TIME THAT SANITARY SEWER TRUNK LINE IS CONSTRUCTED, EXISTING LAGOONS SHALL BE DRAINED.

LEGEND OF SYMBOLS

- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- - - PROPOSED STORM SEWER
- EXISTING MANHOLE
- PROPOSED MANHOLE
- PROPOSED INLET
- F.E.S. FLARED END SECTION
- M.H. MANHOLE
- C.I. CURB INLET
- A.I. AREA INLET
- SWALE (SOUPED)

NORTH  
Scale 1"=50'



MISSOURI STATE HIGHWAY EM#3 STA. 78+60, 28' RIGHT MISSOURI STATE HIGHWAY 'K' R.R. SPIKE IN 28' OAK, TREE N.W. CORNER HIGHWAY 'K' AND LAURA HILL ROAD. ELEV. 603.14  
9-12-79  
RSM 9-6-79

DRAINAGE AREA PLAN  
LAURA HILLS PLAT 3  
MEL SCHNEIDER CONSTRUCTION CO.  
811 NORTH MAIN  
O'FALLON, MISSOURI 63366  
PHONE 272-3510



SCALE 1"=50'  
DESIGNED ELM  
DRAW ELM  
CHECKED  
JOB NO. 79032

ELMER A. KRUSSEL, INC.  
CONSULTING ENGINEER  
744 OFFICE PARKWAY  
CREVE COEUR, MO. 63141  
PHONE 1-314-567-9066

DATE  
SHEET OF SHEET  
14-14