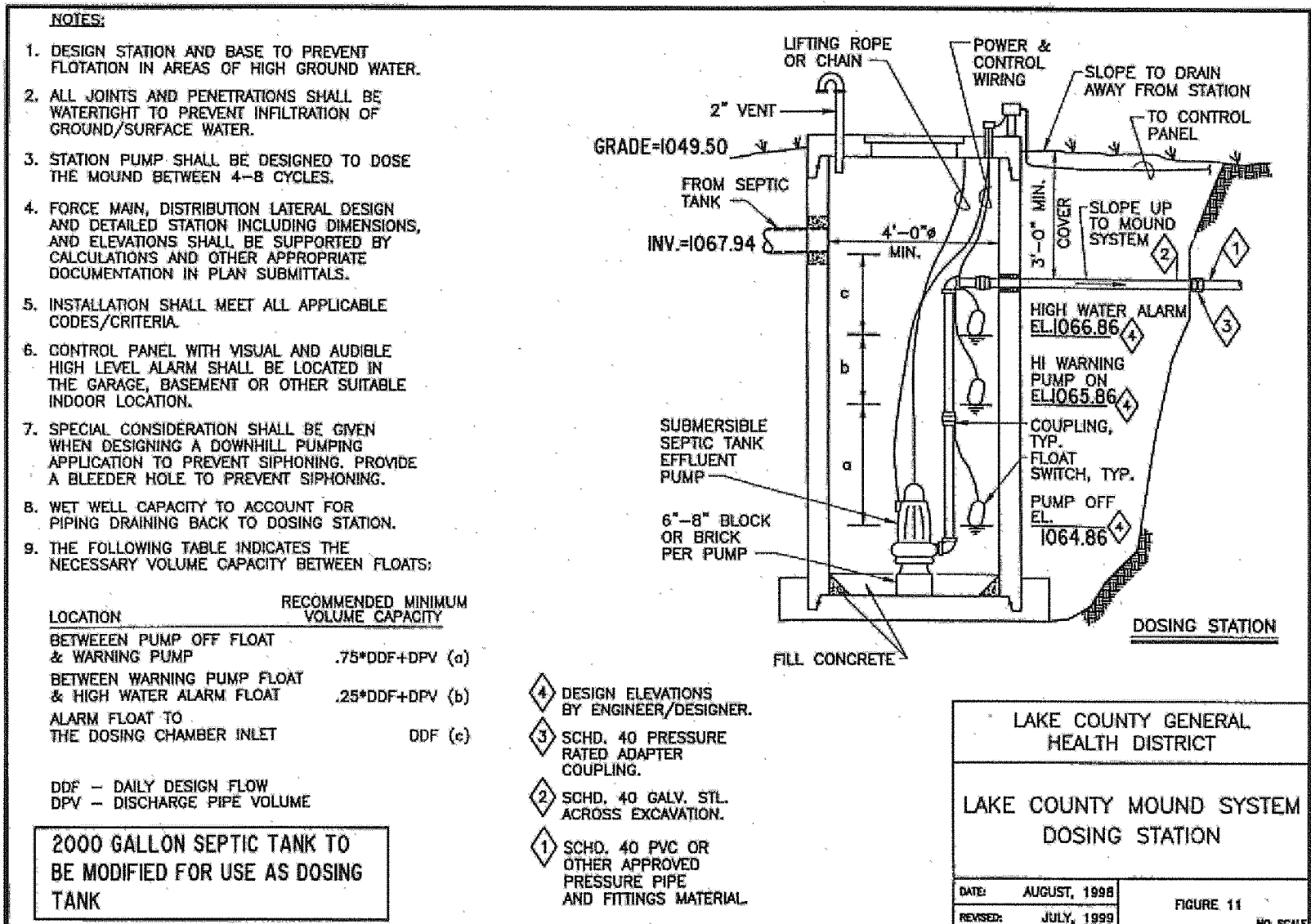
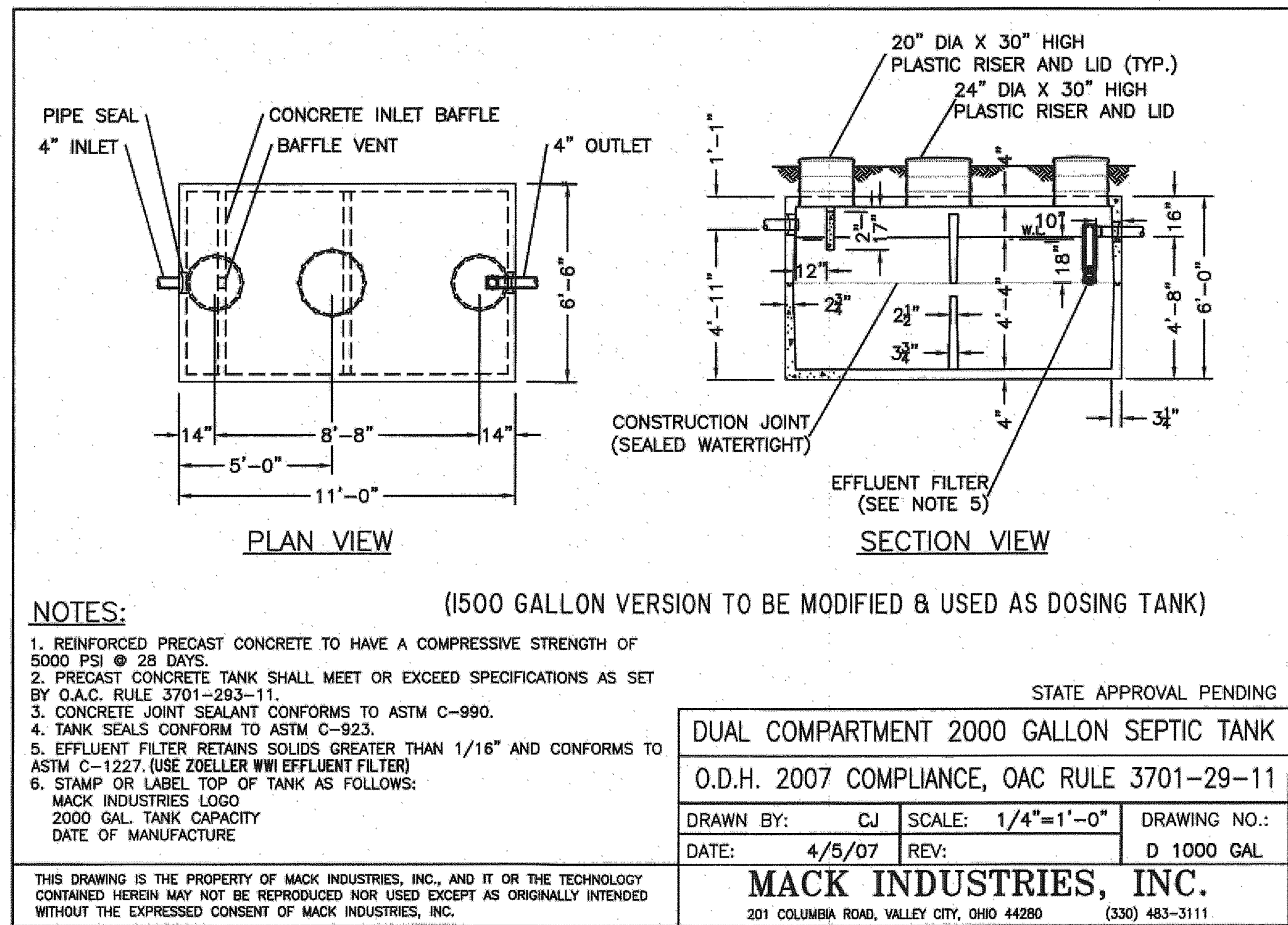
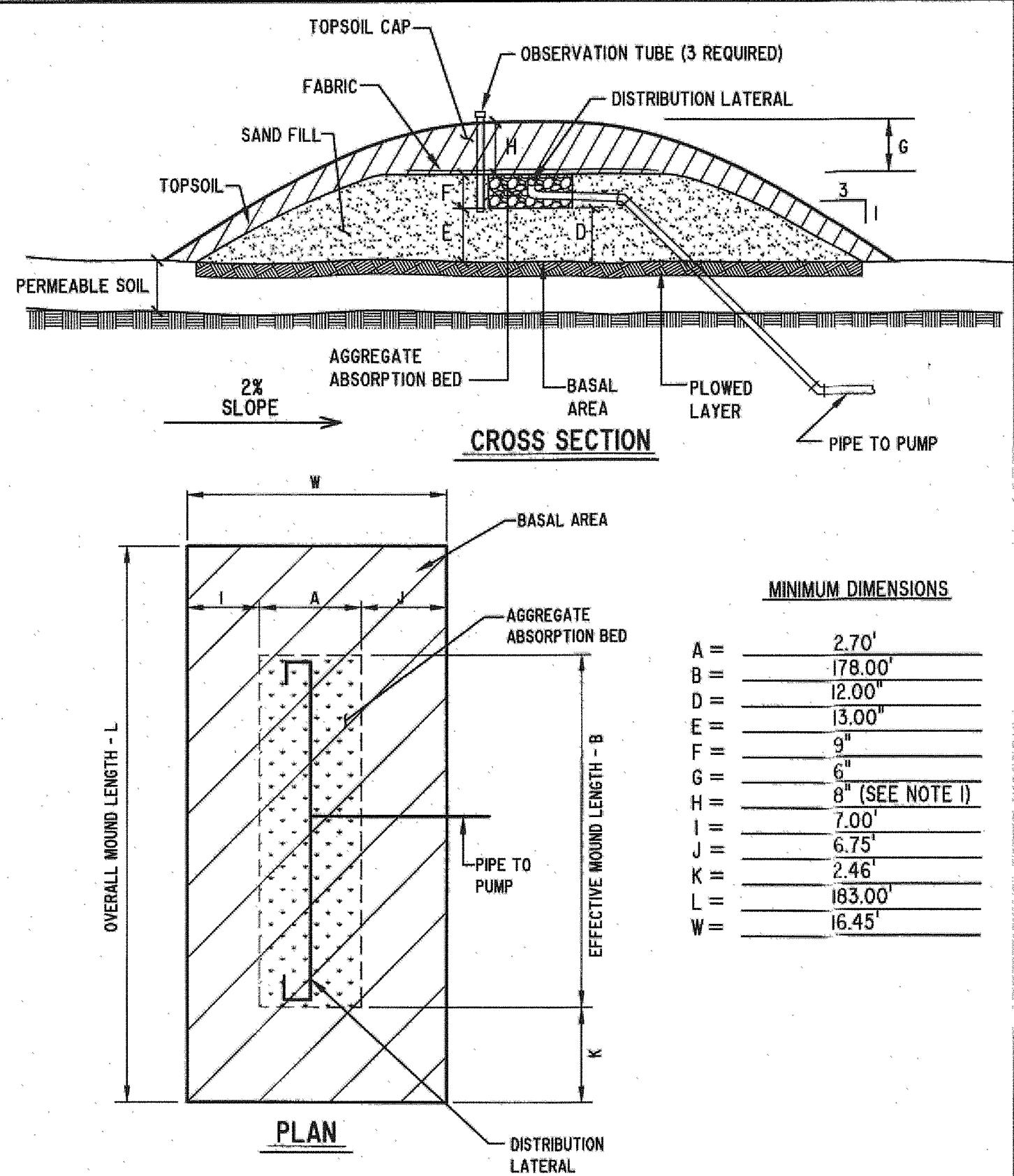


MOUND SAND FILL MUST MEET THE REQUIREMENTS OF FIGURE 5 (WISCONSIN MOUND SOIL ABSORPTION SYSTEM: SITTING, DESIGN AND CONSTRUCTION MANUAL) WHICH IS INCLUDED IN THE DESIGN PACKET. MOUND SAND LOADING RATE SHALL NOT EXCEED 1.0 GAL/DAY/SF. (PER MANUAL RECOMMENDATIONS)

MOUND CALCULATIONS	
NUMBER OF BEDROOMS	4
BASE FLOW RATE (GPD)	480
DIVERSITY FACTOR	-
DESIGN FLOW RATE (GPD)	480
EFFECTIVE MOUND LENGTH	178.00'
OVERALL MOUND LENGTH	183.00'
DESIGN LINEAR LOADING RATE (GPD/LF)	2.70
DESIGN SAND LOADING RATE (GPD/SF)	1.00
MAXIMUM ALLOWABLE BASAL LOADING RATE (GPD/SF)	0.60
ABSORPTION BED AREA (SF)	480.6

NOTE: 1. THE ENTIRE MOUND SHALL HAVE A MINIMUM OF 6" OF SETTLED TOPSOIL, BUT THE CENTER SHALL BE CROWNED TO 8" MINIMUM TO PROMOTE RUNOFF.

2. ORIFICES SHALL BE PLACED UPWARD EXCEPT FOR THE FIRST AND LAST ONE IN EACH LATERAL. EACH LATERAL SHALL BE PLACED INSIDE A 4" PERFORATED PIPE IN ORDER TO PROVIDE ORIFICE SHIELDING. OTHER SHIELDING METHODS MAY BE USED IF APPROVED BY THE LAKE COUNTY HEALTH DEPARTMENT.



REVISIONS	BY

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SITE PLAN

12252 MEREDITH LANE, CONCORD TWP., OHIO 44077
S/L 9 STANFORD SPRINGS SUBDIVISION VOL. 38 PG. 31

DUGGAR RESIDENCE

DRAWN
WSD
CHECKED
DWN
DATE
JULY 25, 2014
SCALE
1" = 20'
JOB NO.
14072
SHEET
2/2