



**UTILITY NOTE:** ALL UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR SUBCONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER, "KENTUCKY 811" (TOLL FREE PHONE NO. 1-800-752-6007 OR LOCAL NO. 502-266-5123) FORTY EIGHT HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THIS NUMBER WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (I.E. CABLES, ELECTRIC WIRES, GAS, AND WATERLINES). WHEN CONTACTING THE "KENTUCKY 811" CALL CENTER, PLEASE STATE THAT THE WORK TO BE DONE IS FOR A PROPOSED MSD SEWER OR DRAINAGE FACILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS IN THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS.

#### EROSION PREVENTION AND SEDIMENT CONTROL NOTES

THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY LAND-DISTURBING ACTIVITY ON THE CONSTRUCTION SITE. ANY MODIFICATIONS TO THE APPROVED EPSC PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. EPSC BMP'S SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS.

DETENTION BASINS, IF APPLICABLE SHALL BE CONSTRUCTED FIRST AND SHALL PERFORM AS SEDIMENT BASINS DURING CONSTRUCTION UNTIL THE CONTRIBUTING DRAINAGE AREAS ARE SEEDED AND STABILIZED. ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY.

SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES AND CATCH BASINS. STOCKPILES SHALL BE SEED, MULCH, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE.

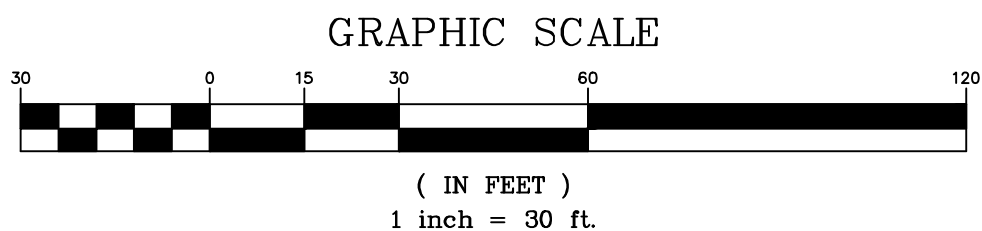
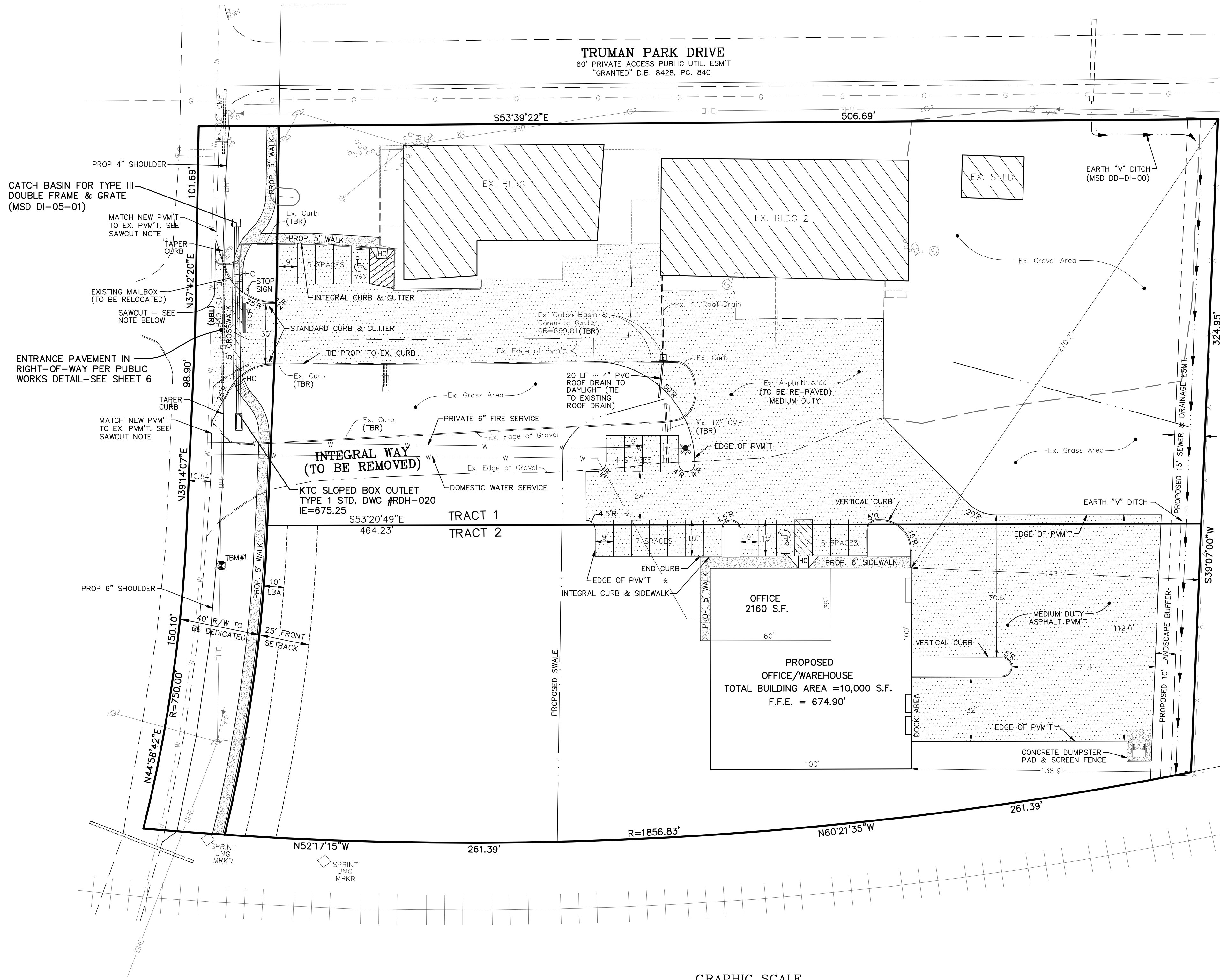
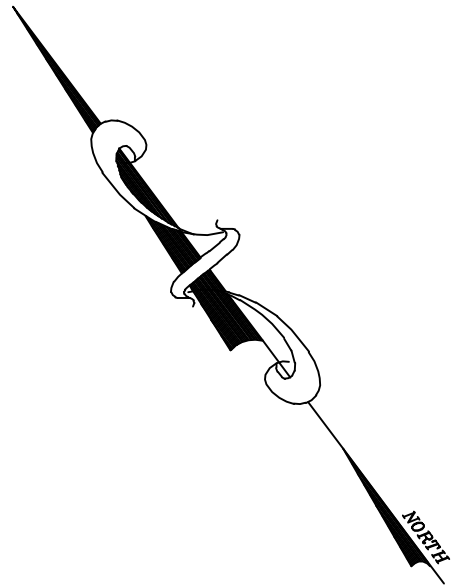
ALL STREAM CROSSINGS MUST UTILIZE LOW-WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER-02.

WHERE CONSTRUCTION OR LAND DISTURBANCE ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 CALENDAR DAYS AFTER THE ACTIVITY HAS CEASED.

SEDIMENT-LOADED GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE OR CATCH BASIN.

ALL STORM DRAINAGE SHALL CONFORM TO MSD STANDARD SPECIFICATIONS.

CONSTRUCTION FENCING SHALL BE ERECTED PRIOR TO ANY CONSTRUCTION OR GRADING ACTIVITIES PREVENTING COMPACTION OF ROOT SYSTEMS OF TREES TO BE PRESERVED. THE FENCING SHALL ENCLOSED THE AREA BENEATH THE DRIPLINE OF THE TREE CANOPY AND SHALL REMAIN IN PLACE. NO PARKING, MATERIAL STORAGE, OR CONSTRUCTION ACTIVITIES SHALL BE PERMITTED WITHIN THE FENCED AREA.



#### BENCHMARK DESCRIPTIONS

TBM#1=RR SPIKE IN UTILITY POLE ON THE EASTERLY SIDE OF AIKEN ROAD 167'+/- NORTHEAST OF RAILROAD TRACKS. ELEVATION=672.33 (NGVD 29)

SOURCE=HARN CONTROL MONUMENT STA040-2001 NEAR THE INTERSECTION OF OLD HENRY ROAD & ENGLISH STATION ROAD.. ELEVATION=707.68 (NGVD 29)

#### GENERAL NOTES:

- CONTRACTOR SHALL NOTIFY GEOTECHNICAL ENGINEER WHEN ANY SINKHOLE IS DISCOVERED IN THE CONSTRUCTION WORK AREA AND SHALL FOLLOW GEOTECHNICAL RECOMMENDATIONS IN TREATING THE SINKHOLE. CONTRACTOR TO SUBMIT COMPACTION REPORTS TO THE DEVELOPER FOR ALL AREAS REQUIRING ENGINEERED FILL.
- NO UNSUITABLE MATERIAL SHALL BE USED IN ROADWAY CONSTRUCTION.
- CONTRACTOR TO VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING STORM/SANITARY STRUCTURES PRIOR TO BEGINNING CONSTRUCTION TO INSURE ADEQUATE DEPTH.
- ALL DRIVEWAYS TO BE CONSTRUCTED PER METRO WORKS STANDARDS.
- REFER TO SHEET 7 FOR ALL SPECIFIC ADA REQUIREMENTS.
- ALL CONCRETE WALKS TO HAVE CONTROL JOINTS, SPACED NO GREATER THAN THE WIDTH OF THE WALK AND SPACED EVENLY. EXPANSION JOINTS TO BE SPACED NO GREATER THAN 40'. REFER TO DETAIL ON SHEET 6.
- ALL PARKING STALLS TO BE 9'x18' UNLESS OTHERWISE INDICATED.
- ALL DUMPSTER AND SERVICE AREAS ARE TO BE SCREENED PER ARTICLE 10.
- THERE SHALL BE NO LANDSCAPING OR COMMERCIAL SIGNS IN THE RIGHT-OF-WAY.
- NO SIDEWALKS TO HAVE CROSS-SLOPES GREATER THAN 2%.
- WASTE WATER TREATMENT PROVIDED BY ONSITE SEPTIC TANK AND LATERAL FIELD; SUBJECT TO HEALTH DEPARTMENT APPROVAL.
- CONTRACTOR TO COORDINATE THE LOCATION OF THE SEPTIC TANK AND LATERAL FIELD WITH THE OWNER, THE HEALTH DEPARTMENT, AND THE ARCHITECTURAL PLUMBING PLAN.
- DOMESTIC WATER SERVICE METER PROVIDED BY THE LOUISVILLE WATER COMPANY. WATER SERVICE METER FEES APPLY. CONTRACTOR TO COORDINATE WITH THE LOUISVILLE WATER COMPANY AND ARCHITECTURAL PLUMBING PLAN FOR WATER SERVICE, SIZE AND CONNECTION LOCATION.
- FIRE SERVICE METER PROVIDED BY THE LOUISVILLE WATER COMPANY. FIRE SERVICE METER FEES APPLY. CONTRACTOR TO COORDINATE METER SIZE AND LOCATION WITH THE LOUISVILLE WATER COMPANY.
- GAS AND ELECTRIC SERVICES PROVIDED BY LOUISVILLE GAS & ELECTRIC. CONTRACTOR TO COORDINATE GAS & ELECTRIC SERVICES WITH LG&E AND THE ARCHITECTURAL M.E.P. PLANS.

#### PROJECT DATA

TRACT 1 AREA	= 2.1± ACRES
TRACT 2 AREA	= 1.6± ACRES
EXISTING ZONING	= M-2
FORM DISTRICT	= SUBURBAN WORKPLACE
EXISTING & PROPOSED USE	= OFFICE/WAREHOUSE
EXISTING BUILDING AREA	= 12,594 S.F.
PROPOSED BUILDING AREA	= 10,000 SF
PROPOSED BUILDING HEIGHT	= 16'
FAR	
TRACT 1	= 0.13
TRACT 2	= 0.14
PARKING	
TRACT 1 REQUIRED	MIN. MAX.
OFFICE (4880/350 MIN.; 4880/200 MAX)	14 SPACES, 25 SPACES
WAREHOUSE (3 EMP/1.5, 3 EMP/1 MAX)	2 SPACES, 3 SPACES
	= 16 SPACES, 28 SPACES
TRACT 1 PROVIDED	23 SPACES (INCLUDES 1 HC)
TRACT 2 REQUIRED	MIN. MAX.
OFFICE (2160/350 MIN.; 2160/200 MAX)	6 SPACES, 11 SPACES
WAREHOUSE (4 EMP/1.5, 4 EMP/1 MAX)	3 SPACES, 4 SPACES
	= 9 SPACES, 15 SPACES
TRACT 2 PROVIDED	= 13 SPACES (INCLUDES 1 HC)
TRACT 2 VEHICULAR USE AREA	= 15,805 SF
REQUIRED INTERIOR LANDSCAPE AREA	= 1,185 SF
PROVIDED INTERIOR LANDSCAPE AREA	= 1,185 SF

#### LEGEND

	BENCHMARK
	EXISTING WATER METER
	EXISTING POWER POLE
	EXISTING WATER LINE
	EXISTING OVERHEAD ELECTRIC
	EXISTING GUY WIRE
	EXISTING LIGHT POLE
	EXISTING GAS VALVE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING SEWER LINE
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	PROPOSED FIRE HYDRANT
	PROPOSED SANITARY SEWER
	PROPOSED HANDICAP RAMP
	GAS, ELECTRIC & TELECOMM. EASEMENT
	15' GET
	15' SS&D EASEMENT
	SANITARY SEWER & DRAINAGE EASEMENT
	3 PHASE UNDERGROUND ELECTRIC LINE
	PROPOSED WATER LINE
	PROPOSED GAS LINE
	MEDIUM DUTY ASPHALT PAVEMENT

#### SAWCUT NOTE:

WHEN MATCHING EXISTING BITUMINOUS PAVEMENTS, A TWO (2) INCH DEPTH SAW-CUT A MINIMUM OF TWELVE (12) INCHES FROM THE EDGE OR TO SOUND ASPHALT MATERIAL AND ROADWAY ROCK BASE AND THE ASPHALT MATERIAL PLACED TO FORM A WATERTIGHT JOINT AS DIRECTED BY METRO PUBLIC WORKS.

#### REVISIONS

NO.	DATE	DESCRIPTION	BY
1	4-15-08	AGENCY COMMENTS	BH

SURVEYOR'S SEAL

ENGINEER'S SEAL

#### PROJECT DATA

FILE NAME: 08255-LAYOUT.dwg	SCALE: 1"=30'	CHECKED BY: JPH
DATE: 2-27-08	SCALE: 1"=30'	DRAWN BY: TT



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SITE LAYOUT & UTILITY PLAN

1100 INTEGRAL WAY

DEVELOPER  
TOM ECKERT  
11720 AIKEN ROAD  
LOUISVILLE, KY 40245

JOB NO. 06255

SHEET 3 OF 7

WM# 9744