

OWNER: JJJ ENTERPRISES, LLC
3529 GRAHAM ROAD
LOUISVILLE, KY 40207

DEVELOPER: AD GENERAL CONTRACTING, LLC
P.O. BOX 379
MT. WASHINGTON, KY 40047

ENGINEER: RENAISSANCE DESIGN BUILD, INC.
1012 S. 4TH STREET
LOUISVILLE, KY 40203

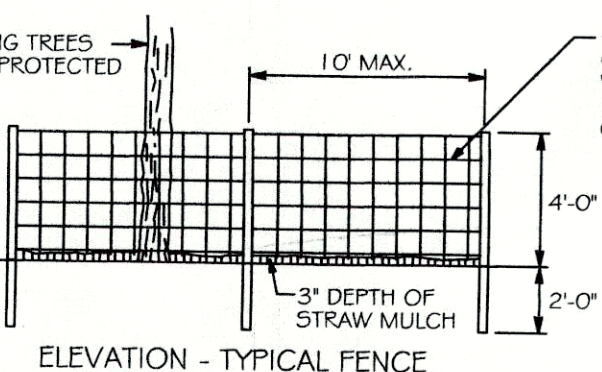
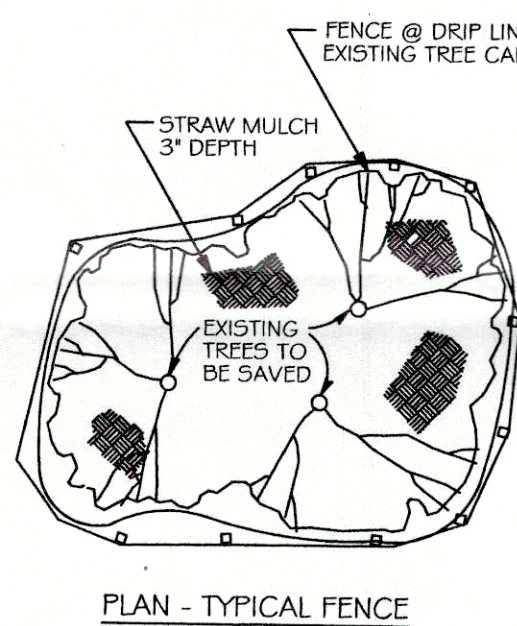
SITE ADDRESS: 8012 NATIONAL TURNPIKE
LOUISVILLE, KY 40214

TAX BLOCK: 1045
LOT NUMBER: 0000
ZONING: CM
FORM DISTRICT: SUBURBAN WORKPLACE
EXISTING USE: UNDEVELOPED LAND
PROPOSED USE: STORAGE BUILDING
AGREEMENT: 0.51
HEIGHT OF STRUCTURE: 25' - 6"
PARKING CALCULATIONS:
MINIMUMS: 1 SPACE/1.5 EMPLOYEES = 2 SPACES
MAXIMUMS: 1 SPACE/1 EMPLOYEES = 2 SPACES
PROPOSED: 1 PARKING SPACE + 1 HANDICAPPED SPACE = 2 SPACES
BUILDING SETBACKS:
FRONT = 0'
REAR = 50'
SIDES = 0'
FAR = 21 (4600/22351)
NUMBER OF DWELLING UNITS = 0

TREE CANOPY CALCULATIONS:

- 2 - 10" CALIPER MAPLE @ 1200 SF OF CREDIT EACH = 2400 SF
2 - 12" CALIPER MAPLE @ 1200 SF OF CREDIT EACH = 2400 SF
2 - 10" CALIPER MAPLE @ 1200 SF OF CREDIT EACH = 2400 SF
1 - 6" CALIPER MAPLE @ 720 SF OF CREDIT EACH = 720 SF
5 - 10" CALIPER HACKBERRY @ 1200 SF OF CREDIT EACH = 6000 SF
1 - 14" CALIPER HACKBERRY @ 1200 SF OF CREDIT EACH = 1200 SF
2 - 10" CALIPER HACKBERRY @ 1200 SF OF CREDIT EACH = 2400 SF
1 - 8" CALIPER HACKBERRY @ 720 SF OF CREDIT EACH = 720 SF
1 - 24" CALIPER COTTONWOOD @ 1200 SF OF CREDIT EACH = 1200 SF
1 - 10" CALIPER COTTONWOOD @ 1200 SF OF CREDIT EACH = 1200 SF
2 - 10" CALIPER ASH @ 1200 SF OF CREDIT EACH = 2400 SF

GROSS SITE AREA = 22,351 SF
TOTAL TREE CANOPY PRESERVED = 23,040 SF (103% OF TOTAL SITE)
TOTAL TREE CANOPY REQUIRED = 3,353 SF (15% OF TOTAL SITE ON A SITE THAT HAS 76% - 100% EXISTING CANOPY COVERAGE)
TOTAL REQUIRED NEW CANOPY = 0 SF (PRESERVED TREE CANOPY EXCEEDS REQUIRED TREE CANOPY)
TOTAL CANOPY PROVIDED = 23,040 SF (103%)

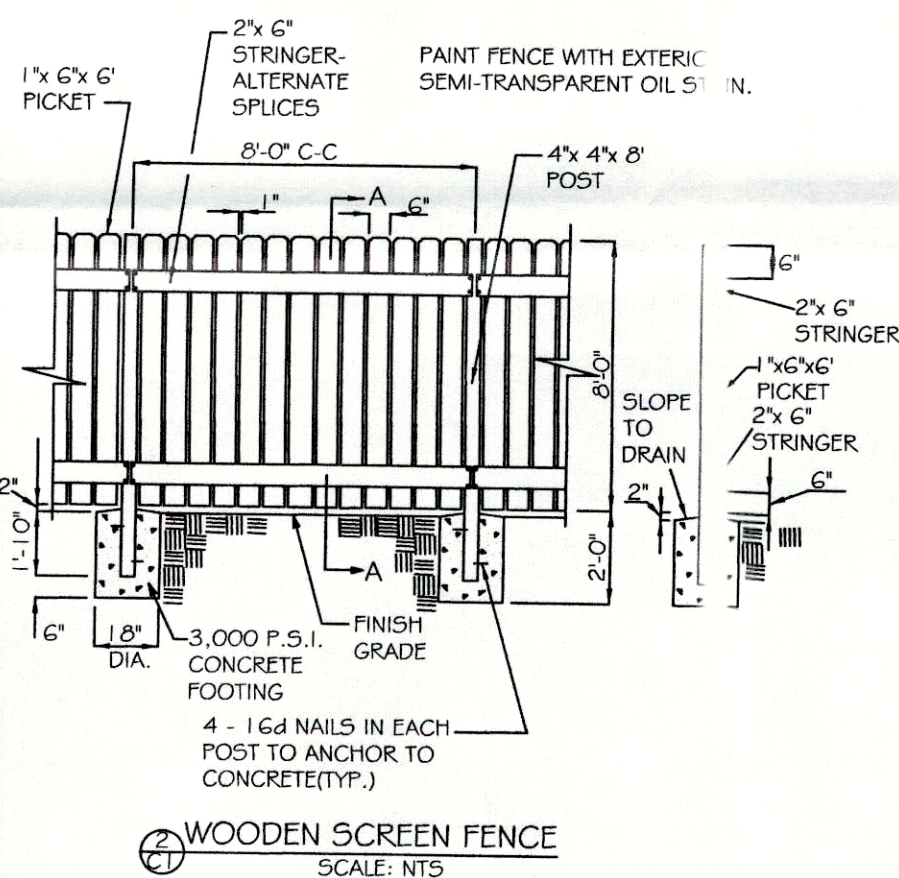


PROTECTION FOR EXISTING TREES TO REMAIN
SCALE: NTS

HYDROLOGY NOTES					
TOTAL AREA	22,351 SF	0.51 ACRES			
SITE DISTURBANCE AREA	22,351 SF	0.51 ACRES			
PRE-CONSTRUCTION					
EXISTING IMPERVIOUS AREA	8,822 SF	0.20 ACRES			
EXISTING PERVIOUS AREA	13,529 SF	0.31 ACRES			
2-YEAR STORM	1.03 CFS	0.08 AF			
10-YEAR STORM	1.67 CFS	0.14 AF			
100-YEAR STORM	2.88 CFS	0.24 AF			
POST-CONSTRUCTION					
IMPERVIOUS AREA	16,145 SF	0.37 ACRES			
PERVIOUS AREA	6,206 SF	0.14 ACRES			
2-YEAR STORM	1.20 CFS	0.10 AF			
10-YEAR STORM	1.84 CFS	0.16 AF			
100-YEAR STORM	3.01 CFS	0.26 AF			
REQUIRED DETENTION	0.00 AF				

PRE vs. POST RUNOFF COMPARISON					
DESCRIPTION	2-YR	10-YR	100-YR		
	FLOW (cfs)	VOLUME (ac-ft)	FLOW (cfs)	VOLUME (ac-ft)	
PRE	1.03	0.083	1.67	0.136	2.88
POST	1.02	0.102	1.84	0.156	3.01
DIFFERENCE	0.17	0.019	0.17	0.020	0.13

NOTES:
REMOVE ALL EXISTING CONCRETE OR ASPHALT PAVING WITHIN THE LIMITS OF THE FENCED AREA. IF REMOVAL CREATES A POTENTIAL WATER POCKET, IT SHALL BE FILLED TO PROVIDE POSITIVE DRAINAGE.
REMOVE ALL VINES FROM TREES IN BARRICADED AREA.
REMOVE DEAD OR DAMAGED LIMBS AND PAINT ALL WOUNDS WITH TREE WOUND PAINT.
FENCE SHALL BE PLACED NO MORE THAN 6" INSIDE CANOPY LINE OF EXISTING TREES.
ALL TREES DESIGNATED TO BE SAVED SHALL BE PROTECTED FROM EXCAVATION FOR UNDERGROUND UTILITIES.
NO EXCAVATION SHALL TAKE PLACE WITHIN THE CANOPY LINE OF EXISTING TREES TO BE SAVED. PAINT ALL CUT ROOTS (1" DIA. AND LARGER) WITH ASPHALT BASE TREE WOUND PAINT.



WOODEN SCREEN FENCE
SCALE: NTS

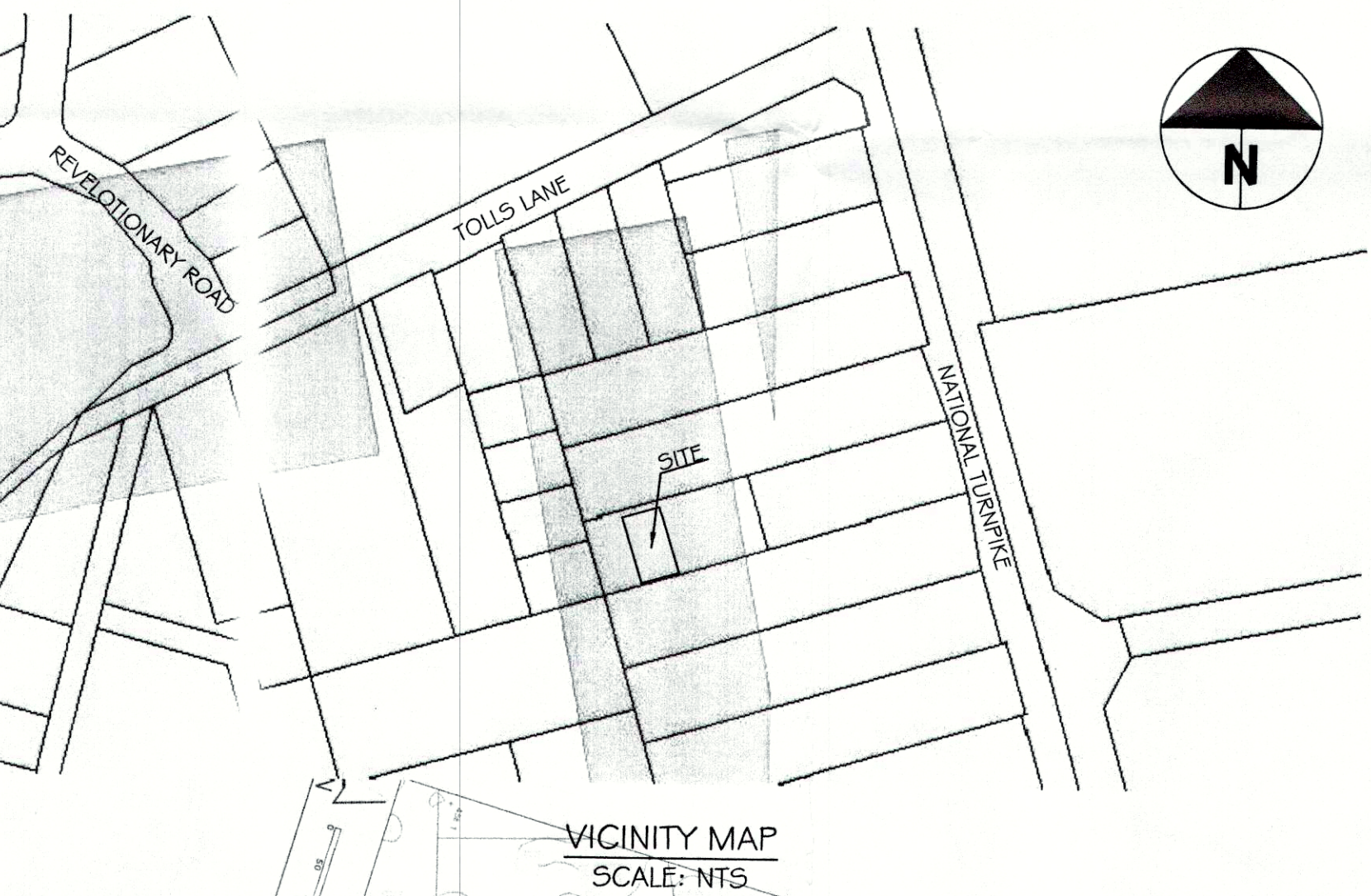
- NOTES:
1. UNIFIED CIRCULATION AND GENERAL CROSSOVER ACCESS TO BE ESTABLISHED WITH PROPERTIES TO THE NORTH AND SOUTH UPON REDEVELOPMENT OF THESE PROPERTIES.
2. THIS PROJECT DOES NOT REQUIRE MSD SANITARY SEWER CONNECTIONS OR CAPACITY. NO SANITARY SEWER FIXTURES TO BE INSTALLED. BOARD OF HEALTH APPROVAL REQUIRED PRIOR TO MSD CONSTRUCTION PLAN APPROVAL.
3. MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE EMISSIONS REACHING EXISTING ROADS AND NEIGHBORHOODS.
4. TOTAL SITE AREA = 0.51 ACRE
NO SITE DETENTION REQUIRED.
5. SURFACE DRAINAGE FLOW # PATTERNS REMAIN UNCHANGED. EXISTING SITE DRAINAGE IS BY SHEET DRAINAGE TO THE EAST AND WEST PROPERTY LINES AND WILL REMAIN AS SHEET DRAINAGE TO THE EAST AND WEST PROPERTY LINES AFTER CONSTRUCTION OF NEW BUILDING.
6. CONSTRUCTION PLANS AND DOCUMENTS SHALL COMPLY WITH LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT DESIGN MANUAL AND SPECIFICATIONS AND OTHER LOCAL, STATE AND FEDERAL ORDINANCES.
7. NO INCREASE IN PEAK FLOW OR VOLUME ONTO THE ADJACENT RESIDENTIAL PROPERTIES. INCREASED RUN OFF SHALL BE DIRECTED EAST TOWARDS NATIONAL TURNPIKE. KYTC APPROVAL REQUIRED FOR INCREASED RUNOFF VOLUME AND SITE IS SUBJECT TO THE REGIONAL FACILITY FEE X 1.5.

LEGEND

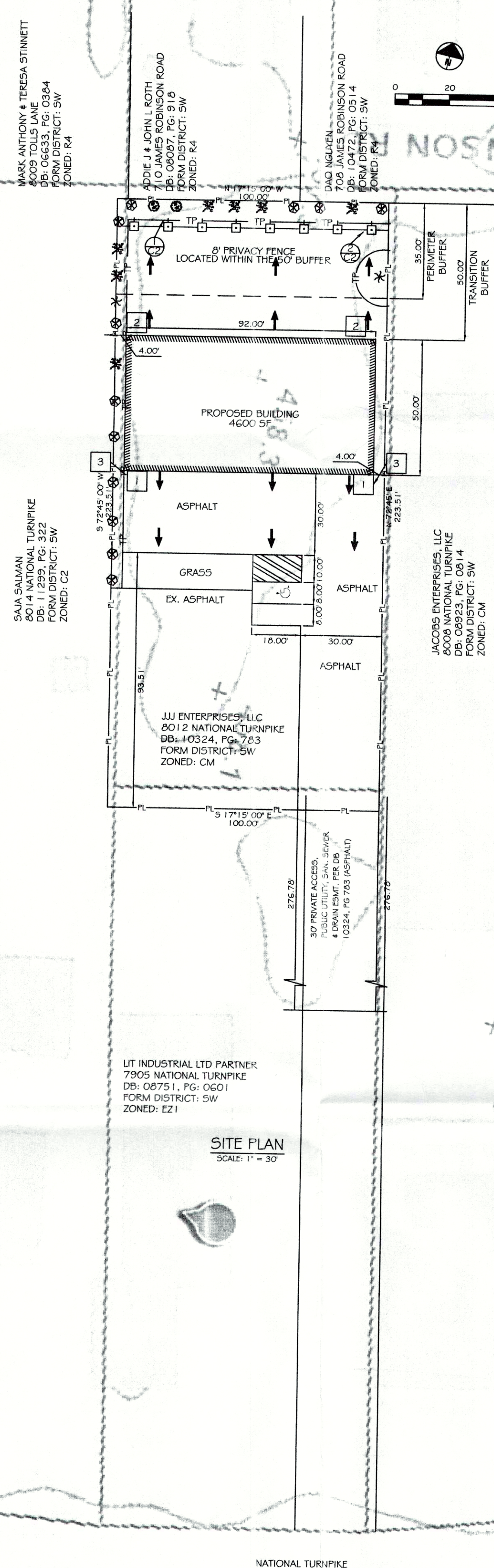
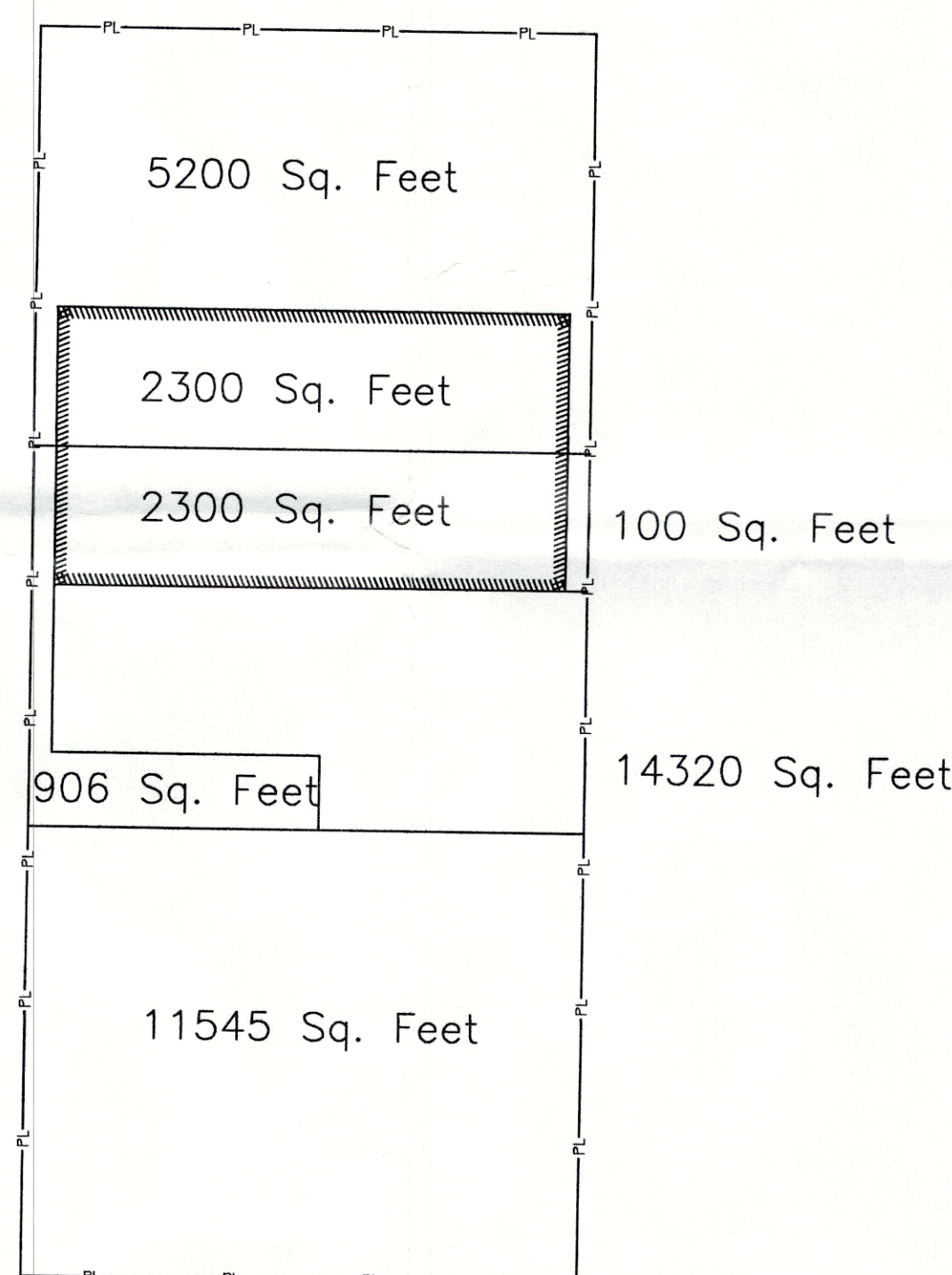
- APPROXIMATE PROPERTY LINE
SETBACK/EASEMENT
TREE PROTECTION FENCE
DRAINAGE FLOW DIRECTION
DOWNSPOUT LOCATION WITH 90° TURN OUT ELBOW TO A SPLASH BLOCK TO SHEET DRAINAGE PER FLOW ARROWS
DOWNSPOUT LOCATION WITH ABOVE GROUND PIPE DIRECTED TO THE FRONT OF BUILDING
DISCHARGE LOCATION FOR PIPES FROM REAR DOWNSPOUTS

TREE TYPE LEGEND

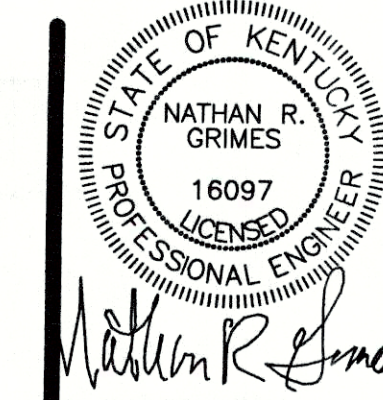
- COTTONWOOD
HACKBERRY
MAPLE
ASH



VICINITY MAP
SCALE: NTS

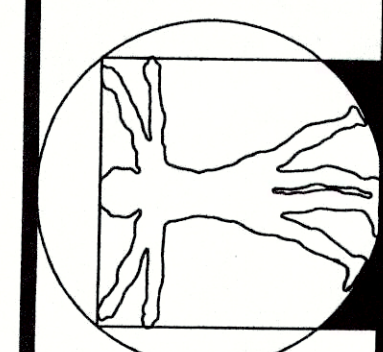


RECEIVED
OCT 04 2019
PLANNING & DESIGN SERVICES



RENAISSANCE DESIGN BUILD, INC.
1012 S. Fourth Street
Louisville, KY 40203

Tel: 502-424-8773 Fax: 502-587-0931
www.renaissancebuild.com



REVISED DISTRICT DEVELOPMENT PLAN
POLE-BARN STORAGE
8012 NATIONAL TURNPIKE
LOUISVILLE, KY 40214

DATE: 06-07-2019
DRAWN BY: BAS
CHECKED BY: N. GRIMES
APPROVED BY: N. GRIMES

SCALE: AS NOTED
JOB NO.: 2019-364

SHEET NUMBER:

CI
19-DDP-0022
WM#9999