

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES.



**EOPOOL**  
**CML ENGINEERS**  
**LAND SURVEYORS**

PREPARED FOR:  
**JOHN LAWLER**  
14439 FIRST STREET

NOTE: THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION & EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRIZE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, SIZE & TYPE OF UTILITY PIPES SHOULD BE FIELD VERIFIED.

# SITE AND GRADING PLAN

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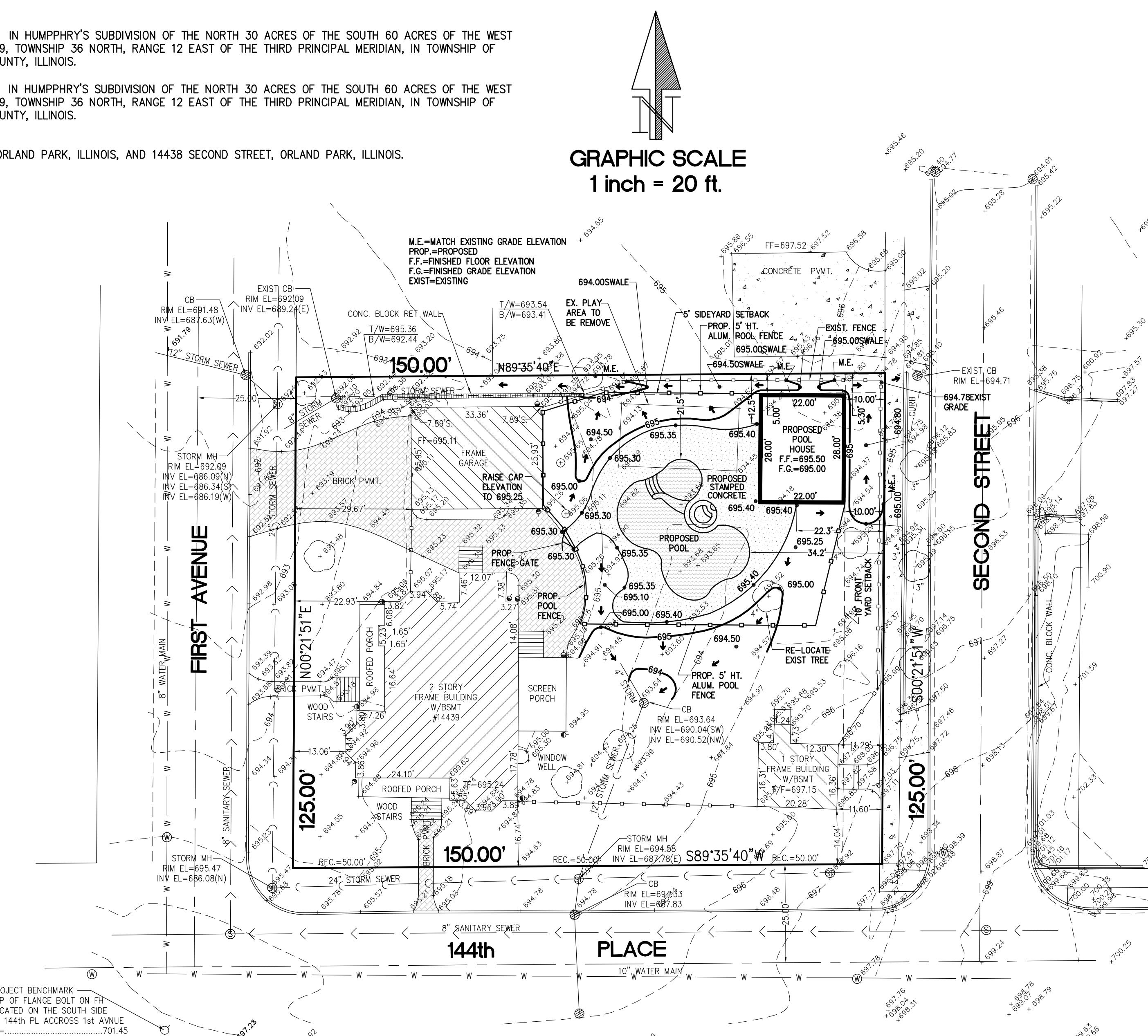
SEC. 9 T 36N R 13E QE 3RD R M

4439 FIRST STREET, ORLAND PARK, IL

SHEET: 1 OF 1

32 IN HUMPPHRY'S SUBDIVISION OF THE NORTH 30 ACRES OF THE SOUTH 60 ACRES OF THE WEST  
IN 9, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN TOWNSHIP OF  
COUNTY, ILLINOIS.

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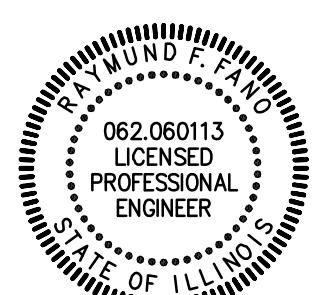
## LEGEND:

x 697.71	EXIST. ELEV.
● 697.00	PROP. ELEV.
(S)	EXIST. STORM MANHOLE
(S)	EXIST. SAN. MANHOLE
(S) (C)	EXIST. CATCH BASIN
gv	EXIST. GAS VALVE
wv	EXIST. WATER VALVE
(F)	EXIST. FIRE HYDRANT
(T)	EXIST. TRAFFIC SIGN
(U)	EXIST. UTILITY POLE
(A)	EXIST. ANCHOR
(L)	EXIST. LIGHT POLE
(I)	EXIST. INLET
(W)	EXIST. WATER BUFFALO BOX
(D)	EXIST. DOWNSPOUT
(S)	EXIST. SIGN
(T) (S)	EXIST. TREE
— (C) —	EXIST. STORM SEWER
— < —	EXIST. SANITARY SEWER
— W —	EXIST. WATER
697 — —	EXIST. CONTOUR
697 — —	PROP. CONTOUR
←	PROP. DRAINAGE PATTERN
— x — —	CHAIN LINK FENCE
— □ — —	WOOD FENCE
— o — —	IRON FENCE

# PROJECT BENCHMARK:

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PROJECT BENCHMARK  
TOP OF FLANGE BOLT ON FH  
LOCATED ON THE SOUTH SIDE  
OF 144th PL ACCROSS 1st AVNUE  
FL = ..... 701 45



## DRAINAGE STATEMENT

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"TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THIS DEVELOPMENT OR ANY PART THEREOF, OR, THAT IF DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS OR DRAINS APPROVED FOR USE BY THE CITY ENGINEER, AND THAT SUCH SURFACE WATERS ARE PLANNED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO ADJOINING PROPERTIES BECAUSE OF THE CONSTRUCTION OF THIS DEVELOPMENT."

STATE OF ILLINOIS) SS.

I, RAYMUND F. FANO, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THESE CIVIL ENGINEERING PLANS, NOT THE SUPPORTING DOCUMENTS, AS LISTED IN THE INDEX, HAVE BEEN PREPARED BY GEOPOLL ENGINEERING, INCORPORATED UNDER MY PERSONAL DIRECTION. THESE PLANS ARE INTENDED TO BE USED AS AN INTEGRAL PART OF THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062.060113.  
MY LICENSE EXPIRES ON 11-30-2013

UNLESS THIS DOCUMENT BEARS ORIGINAL SIGNATURE AND SEAL OF THE DESIGN  
ENGINEER, IT IS NOT A VALID DOCUMENT.

## SITE INFORMATION

ADDRESS: 144-39 FIRST STREET, ORLAND PARK, IL  
ZONED: OOH, OLD ORLAND HISTORIC DISTRICT  
LOT AREA: 10,750 S.F. (2,475 X 43)

SETBACKS FOR PROPOSED POOL HOUSE:  
FRONT YARD SETBACK: MINIMUM-8' 00" PROPOSED-10' 00"

NORTH SIDEYARD SETBACK: MINIMUM=5.00', PROPOSED=5.00'  
SOUTH SIDEYARD SETBACK: MINIMUM=10.00' PROPOSED=9.71'

REAR YARD SETBACK: EXISTING=N/A, PROPOSED=N/A

IMPERVIOUS AREA:

MAXIMUM IMPERVIOUS SURFACE COVERAGE: NO MORE THAN 80% OF THE AREA OF THE LOT MAY BE IMPERVIOUS. THE REMAINING 20% MUST BE MAINTAINED AS GREEN SPACE.

EXISTING IMPERVIOUS AREA: 6,069.97 S.F.

% OF IMPERVIOUS SURFACE COVERED: 6,069.97 / 18,750 =

% OF IMPERVIOUS SURFACE COVERED: 8,069.97 / 18,750 = 0.3237 (32.37%)  
POST-CONSTRUCTION IMPERVIOUS AREA: 8,151.45 S.F.  
% OF IMPERVIOUS SURFACE COVERED: 8,151.45 / 18,750 = 0.4347 (43.47%)  
  
FLOODPLAIN: NONE  
WETLAND: NONE