

GRAPHIC SCALE  
1 inch = 10 ft.

COMMONLY KNOWN AS: 14439 FIRST STREET, ORLAND PARK, ILLINOIS, AND 14438 SECOND STREET, ORLAND PARK, ILLINOIS.

GRAPHIC SCALE  
1 inch = 20 ft.

PROPERTY DESCRIPTION:

PARCEL 1:  
THE WEST HALF OF LOT 33 AND ALL OF LOT 32, IN HUMPHRY'S SUBDIVISION OF THE NORTH 30 ACRES OF THE SOUTH 60 ACRES OF THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN TOWNSHIP OF ORLAND, IN VILLAGE OF ORLAND PARK, COOK COUNTY, ILLINOIS.

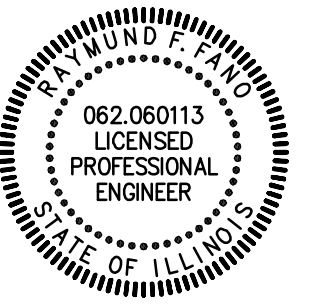
PARCEL 2:  
THE EAST HALF OF LOT 33 AND ALL OF LOT 34, IN HUMPHRY'S SUBDIVISION OF THE NORTH 30 ACRES OF THE SOUTH 60 ACRES OF THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN TOWNSHIP OF ORLAND, IN VILLAGE OF ORLAND PARK, COOK COUNTY, ILLINOIS.

LEGEND:

- 697.00 EXIST. ELEV.
- 697.00 PROP. ELEV.
- ⊙ EXIST. STORM MANHOLE
- ⊙ EXIST. SAN. MANHOLE
- ⊙ EXIST. CATCH BASIN
- ⊙ EXIST. GAS VALVE
- ⊙ EXIST. WATER VALVE
- ⊙ EXIST. FIRE HYDRANT
- ⊙ EXIST. TRAFFIC SIGN
- ⊙ EXIST. UTILITY POLE
- ⊙ EXIST. ANCHOR
- ⊙ EXIST. LIGHT POLE
- ⊙ EXIST. INLET
- ⊙ EXIST. WATER BUFFALO BOX
- ⊙ EXIST. DOWNSPOUT
- ⊙ EXIST. SIGN
- ⊙ EXIST. TREE
- ( ) — EXIST. STORM SEWER
- ( ) — EXIST. SANITARY SEWER
- W — EXIST. WATER
- 697 — EXIST. CONTOUR
- 697 — PROP. CONTOUR
- x — PROP. DRAINAGE PATTERN
- — CHAIN LINK FENCE
- — WOOD FENCE
- — IRON FENCE

PROJECT BENCHMARK:

PROJECT BENCHMARK  
TOP OF FLANGE BOLT ON FH  
LOCATED ON THE SOUTH SIDE  
OF 144th PL ACROSS 1st AVENUE  
EL=.....701.45



DRAINAGE STATEMENT

"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.  
COUNTY OF COOK)

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 GEOPOOL 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.

SEC.9, T.36N., R.12E., OF 3RD P.M.

14439 FIRST STREET, ORLAND PARK, IL

DRAWN: R.F.F.	DATE: 1.23.12	CHECKED: R.F.F.	DATE:	SHEET: 1 OF 1
ENG PROJ #12-01	SURV PROJ#12-02	FIELD BOOK:	DATE:	

REVISIONS:		
DATE:	NO.	DESCRIPTION:

SITE AND GRADING PLAN

- NOTES
1. THESE PLANS ARE BASED ON THE TOPOGRAPHIC SURVEY PREPARED BY: GEOPOOL SURVEYORS, INC.  
12 SOUTH 355 LEMONT ROAD  
LEMONT, IL 60439  
(630) 739-0707
  2. PRIOR TO CONSTRUCTION, CONTRACTOR TO CONTACT THE DESIGN ENGINEER AND ARCHITECT TO VERIFY THAT THEY ARE WORKING FROM THE MOST CURRENT SET OF PLANS AND SPECIFICATIONS.
  3. UNLESS OTHERWISE SPECIFIED, TOP OF CURB (TC) ELEVATIONS ARE 0.5' HIGHER THAN FLOW LINE (FL) OR PAVEMENT (P) ELEVATIONS.
  4. ACCESSIBLE PAVEMENT SLOPES NOT TO EXCEED 2.0% MAXIMUM IN ALL DIRECTIONS.

- NOTES:
1. THE OWNER CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
  2. THE INFORMATION REGARDING THE EXISTING CONDITIONS AND UTILITIES IS TAKEN FROM THE BEST AVAILABLE INFORMATION, BUT MAY NOT BE ENTIRELY ACCURATE. THE CONTRACTOR SHALL VERIFY THE EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO STARTING CONSTRUCTION TO PREVENT POTENTIAL CONFLICTS.
  3. SPECIAL CARE SHALL BE TAKEN ADJACENT TO EXISTING UTILITIES AND TREES TO PREVENT UNNECESSARY DAMAGE.
  4. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS AND STARTING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITION EXIST. THE ENGINEER WILL HAVE A REASONABLE PERIOD OF TIME TO ASSIST IN THE RESOLUTION OF THE ISSUE.
  5. THE ENGINEER IS NOT RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN THE PLANS AND CURRENT SITE CONDITION.

- DEMOLITION NOTES
1. COORDINATE WITH PROJECT MANAGER FOR THE PLACEMENT OF MATERIAL STOCKPILES. ALL MATERIAL ARE TO BE STOCKPILED SEPARATELY FOR USE IN PREPARING THE BUILDING PAD AND PAVEMENT SUB-BASE.
  2. ALL EXISTING UTILITIES ARE TO BE REMOVED WHERE INDICATED.
  3. CONTRACTOR IS TO TAKE CARE IN LIMITING MATERIALS FROM ENTERING THE EXISTING STORM SEWER AND SANITARY SEWERS.
  4. MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION.
  5. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR DEMOLITION INCLUDING, BUT NOT LIMITED TO, FAA, COUNTY, NPDES, VILLAGE AND COMED.
  6. CONTRACTOR TO VERIFY ALL QUANTITIES PRIOR TO BIDDING AND SHALL INFORM ENGINEER OF ANY DISCREPANCIES.
  7. CONTRACTOR TO CONTACT ENGINEER TO DISCUSS ANY QUESTIONS OR DISCREPANCIES FOUND ON SITE PRIOR TO ANY CONSTRUCTION. EXISTING UTILITIES ENCOUNTERED THAT ARE NOT SHOWN ON THIS PLAN SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY IN ORDER TO MAKE A DECISION. PROVIDE ITEMIZED FEE FOR UTILITY REMOVAL (LINEAL FOOT) IN BID.
  8. CONTRACTOR SHALL REMOVE ALL ABOVE GROUND STRUCTURES TO GRADE.
  9. CONTRACTOR SHALL REMOVE ALL FOOTINGS, FOUNDATIONS, AND BELOW GRADE CONCRETE OR OTHER OBSTRUCTIONS TO FULL DEPTH.
  10. ALL CONCRETE AND ASPHALT TO BE PULVERIZED TO 3" MAXIMUM PIECES.

- SOIL EROSION & SEDIMENT CONTROL NOTES
1. THE CONTRACTOR SHALL PERFORM ALL WORK PER - "PROCEDURES & STANDARDS FOR SOIL EROSION & SEDIMENTATION CONTROL" - I.E.P.A. (LATEST EDITION) & PER VILLAGE OF ORLAND PARK CODE.
  2. THE CONTRACTOR SHALL REMOVE TIRE MUD FROM ALL CONSTRUCTION VEHICLES LEAVING THE SITE. HE SHALL USE THE EXISTING BRICK DRIVEWAY AS TEMPORARY CONSTRUCTION ACCESS & INSTALL A PERIMETER SILT FENCE BEFORE STARTING WORK. INLET BASKET FILTERS SHALL BE INSTALLED PRIOR TO STARTING WORK.
  3. THE CONTRACTOR SHALL PROTECT SWALES, DRAINS & SEWERS WITH STAKED STRAW BALES.
  4. THE CONTRACTOR SHALL FILTER ANY PUMPED GROUND WATER BEFORE IT FLOWS OFF-SITE.
  5. THE CONTRACTOR SHALL INSTALL ADDITIONAL SOIL/EROSION CONTROLS, IF REQUIRED BY VILLAGE OF ORLAND PARK INSPECTORS.
  6. THE CONTRACTOR SHALL TEMPORARILY SEED TOP SOIL STOCKPILES TO REDUCE DUST PROBLEMS.
  7. THE CONTRACTOR SHALL ROUTINELY INSPECT & MAINTAIN THE SOIL EROSION MEASURES.

SITE INFORMATION:

ADDRESS: 14439 FIRST STREET, ORLAND PARK, IL  
ZONED: OOH, OLD ORLAND HISTORIC DISTRICT  
LOT AREA: 18,750 S.F. (0.430 AC.)

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=91.71'

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 = 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



12S355 LEMONT ROAD  
LEMONT, ILLINOIS 60439  
PHONE: (630) 739-0707  
FAX: (630) 739-6080

PREPARED FOR:  
**JOHN LAWLER**  
14439 FIRST STREET  
ORLAND PARK, IL

NOTE: THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION & EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE 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 HE 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.