

CITY OF FARMINGTON HILLS

DEPARTMENT OF PUBLIC SERVICES
31555 Eleven Mile Road
Farmington Hills, MI 48336

Building Permit No.(s) _____

This permit is supplemental to and required prior to the issuance of a Building Permit and Certificate of Occupancy for the below mentioned site. It must be completed by the Applicant responsible for all work under the provisions of the Building Permit and Certificate of Occupancy and sealed by a Registered Professional Engineer, Land Surveyor, or Architect licensed to practice in the State of Michigan.

APPLICANT

ADDRESS

APPLICANT'S SIGNATURE —DATE

PHONE NUMBER

The above named applicant hereby makes application for a permit to install grading, drainage control, erosion, and sediment control measures, and a residential driveway approach within the right-of-way in accordance with the attached Residential Drainage and Approach Plan for the following site:

LEGAL DESCRIPTION:

All construction shall be in accordance with the current standards and specifications of the City of Farmington Hills.

Design Approval

City of Farmington Hills, by

Date

TO BE COMPLETED AFTER THE ISSUANCE OF A BUILDING PERMIT AND
PRIOR TO THE RELEASE OF A CERTIFICATE OF OCCUPANCY

We certify that we have completed construction on the above site in accordance with all plans, specifications, and conditions as established by this permit.

APPLICANT

SIGNATURE

MICH. REGISTRATION NO.

SIGNATURE (REGISTERED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT)

Field Inspection Approval

City of Farmington Hills, by

Date

CONDITIONS OF PERMIT

1. **PRECAUTIONS:** During the progress of any work undertaken within the limits of said highway in pursuance hereof, the Licensee shall provide watchmen and flagmen as may be required for the safety and convenience of the public and/or as shall deem advisable by the City; and shall furnish all barricades, signs and lights as required by the City. Traffic shall be maintained at all times unless otherwise indicated hereon by special endorsement of the City's duty authorized representative.
2. **ACCIDENT LIABILITY AND INDEMNIFICATION:** The said Licensee shall be liable for all damages, both to property and to persons, resulting from accidents which may occur as a result of the proposed operations in pursuance hereof. The Licensee shall save harmless and indemnify the City of Farmington Hills from any claim for damages of any nature whatsoever which may arise out of his operation under this permit and upon request, furnish proof of Insurance coverage for the term of this permit.
3. **WORK WITHIN CORPORATE LIMITS OF CITIES, VILLAGES, OR TOWNSHIPS:** Licensee shall be responsible for securing and shall secure, any other permits necessary or required by law from cities, villages, townships, corporations, individuals, or other governmental agencies.
4. **BONDS:** The Licensee shall upon request, file a bond acceptable to the City of Farmington Hills and conditional upon performance of the conditions of the permit and compliance with all requirements of law.
5. **VIOLATION:** The violation of any condition of this permit by the said Licensee shall constitute a forfeiture of rights hereunder.
6. **REVOCATION OF PERMIT:** It is to be understood that the rights granted herein are revocable at the will of the City and that the Licensee acquires no rights in the highway and expressly waives any right to claim damages or compensation in case this permit is revoked.

A copy of this permit shall be kept at the stated work, subject to inspection at all times by the City or any of its duty authorized agents.

STANDARD SPECIFICATIONS

1. All construction shall conform to the current standards and specifications of the City of Farmington Hills.
2. A Right-of-Way permit from the Engineering Division of the Department of Public Services will be required along with payment of all application fees/deposits. Additional permits may be required from the City of Southfield, City of Farmington, Oakland County Road Commission, Wayne County Road Commission, and/or the Michigan Department of State Highways and Transportation as required with the requirements of the governing agency of the affected road and road right-of-way.
3. **DRIVEWAY DIMENSIONS:** The width at property line shall be at least 10 feet but not more than 25 feet. If the road is curbed, the width of the curb opening shall be as shown on the plan but shall not be less than 14 feet or more than 50 feet. All curb cuts shall be saw cut and removed. Gutters shall be maintained with a one inch lip of the same material as the curbing.
4. **DRAINAGE:** The driveway shall be constructed so that the drainage is not adversely affected by the driveway. The drainage and the stability of the road sub grade shall not be altered by driveway construction or roadside development. All culvert pipe used shall be of a size adequate to carry the anticipated natural flow of the ditch; the culvert shall be no smaller than the size determined by the City, nor shall it be less than 12 inches inside diameter. Culvert length shall be at least 22 feet but not more than 36 feet. Except for driveways, the enclosure of ditches will not be permitted, unless a detailed plan is submitted by a civil engineer indicating a designed storm drainage system. The use of headwalls on culvert ends will not be permitted. The use of sloped end sections is encouraged.

All proposed property line grades shall meet existing grades wherever possible. If this is not practical, the design and installation of an earth retaining wall may be required of the builder at the discretion of the Director of Public Services.

NO FILL IN EXCESS OF 1,000 CUBIC YARDS PER SITE WILL BE ALLOWED WITHOUT THE ISSUANCE OF A FILL PERMIT.

Existing or proposed roadway ditches must be improved across the entire frontage of the site in conjunction with this permit to a minimum side slope of one vertical to three horizontal with a two foot wide channel bottom unless otherwise approved by the Engineering Division of the Department of Public Services.

5. **SURFACING:** when the road is paved, driveways shall be paved between the edge of pavement and the existing or proposed sidewalk. If there is no existing or proposed sidewalk, the surface shall extend at least 10 feet from the edge of pavement or to the right-of-way line, whichever distance is greater. When the road is unpaved, paving of the driveway is not required. However, if such a driveway is to be paved, the paving shall extend no closer to the road than one foot behind the driveway culvert location. Driveway pavement shall be a minimum of three inches of bituminous surfacing on a 4" gravel base, or six inches of P.C. concrete. Any other driveway material must be approved by the Engineering Division of the Department of Public Services.
6. **GRADE:** If the road is uncurbed, the grade of the driveway between the road edge of pavement and the edge of the shoulder shall conform to the slope of the shoulder. If the road is curbed, the grade shall not exceed 7% (7 feet per 100 feet) upward or downward from the road unless specifically waived by the Engineering Division of the Department of Public Services.
7. **EROSION AND SEDIMENT CONTROL:** The entire site shall be subject to all requirements set forth in the Soil Erosion and Sediment Control Ordinance of the City of Farmington Hills.

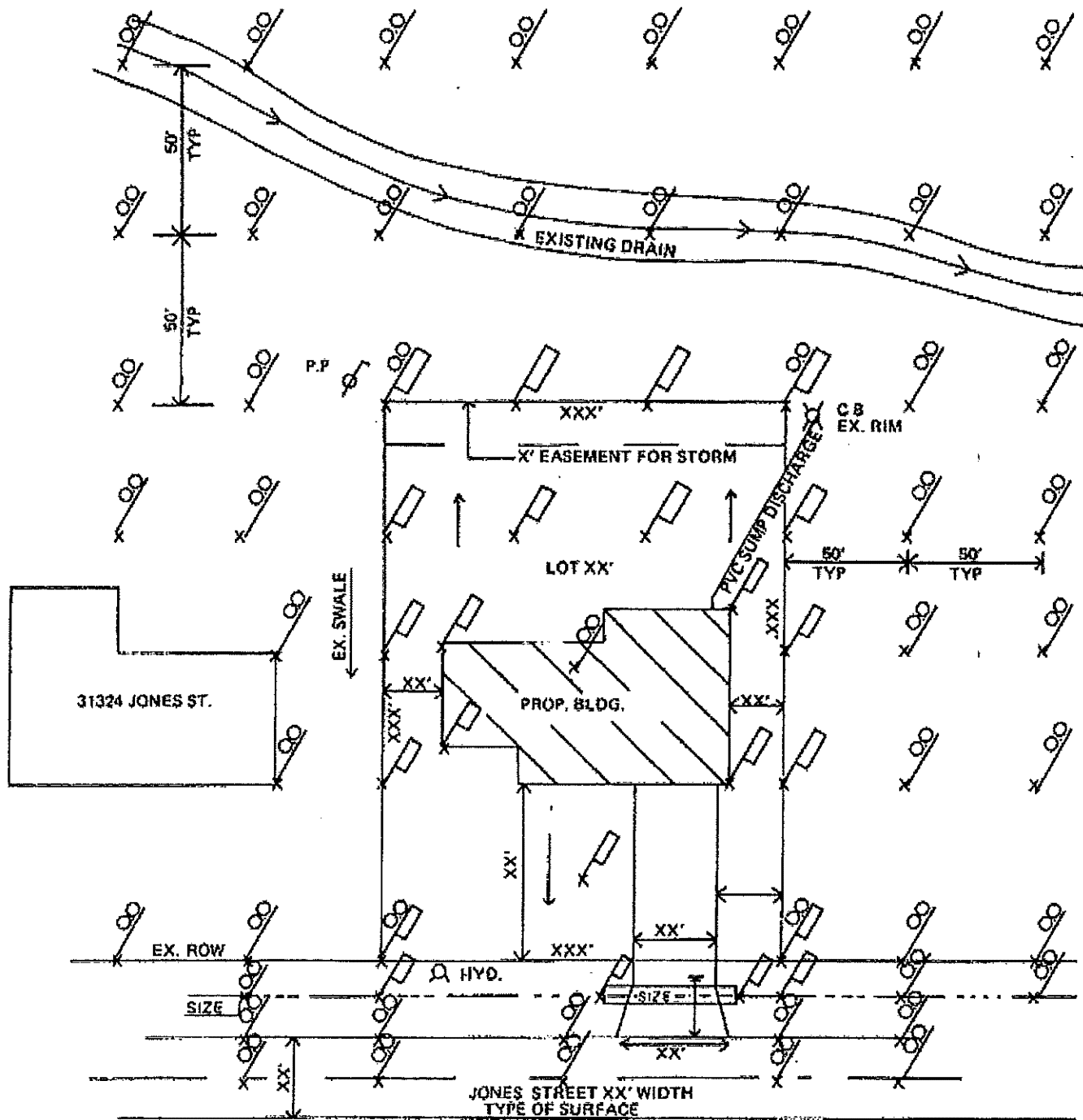
An additional cash escrow deposit of \$500.00 will be required if the applicant wishes, due to inclement weather prohibiting a field drainage inspection, a postponement of Grading and Culvert and Ditch inspections. This allows the issuance of a temporary certificate of occupancy until the inspections can be made. The balance of the deposit will be refunded upon Final Inspection Approval.

Residential Drainage and Approach Plan Requirements

The plan shall contain the following:

- _____ North arrow
- _____ Scale
- _____ Benchmark (City of Farmington Hills, USGS Datum)
- _____ Applicant's name
- _____ Legal description
- _____ Title "Drainage and Approach Plan"
- _____ Legend including differentiation between existing and proposed grades
- _____ Street name and right of way
- _____ Location map
- _____ Type of surface on street with pavement width
- _____ Lot lines or parcel lines with dimensions
- _____ All existing utilities and structures (hydrants, poles, catch basins, manholes, etc.)
- _____ All existing buildings and their addresses (on-site and within one hundred feet off-site)
- _____ Existing ditches and culverts along with grades
- _____ Existing grades:
 - _____ Centerline of road
 - _____ Edge of road (top of curb, edge of pavement or edge of gravel)
 - _____ Inverts of road ditch (to first culvert up and downstream or 100 feet)
 - _____ Property line (each corner and at 50 ft. intervals)
 - _____ Brickledge (every building within 100 ft.)
 - _____ Center of lot
 - _____ 50 ft. and 100 ft. off-site grid
- _____ Proposed grades:
 - _____ Brickledge at proposed building (4 corners minimum)
 - _____ Property line (each corner and at 50 ft. intervals)
 - _____ Inverts of ditch in roadway at projected property line
 - _____ Inverts of proposed drive culvert(s)
 - _____ Center of rear and front yard
- _____ Proposed setback dimensions
- _____ Drainage arrows for proposed on-site drainage
- _____ Type, size length of proposed culvert(s)
- _____ Proposed drive approach material, width, slope, dimensions
- _____ Erosion and sediment control measures
- _____ Sump pump discharge (if applicable) – location, material, size, clean out
- _____ Original signature and seal of Registered Engineer, Land Surveyor, or Architect
- _____ Water service line, sanitary service line – location, material, size, clean out locations
- _____ Drainage swale location and typical cross section
- _____ 100-year floodplain elevation (if applicable)
- _____ Easements – existing and proposed

Note: A complete property line survey is not required on parcels over 1.5 acres and requirements shall be considered on an individual basis.



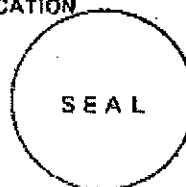
LEGEND

- EXISTING GRADE
- PROPOSED GRADE

TYPE, SIZE, LENGTH
OF PROP CULVERT

DRIVE APPROACH MATERIAL
B.M. HYDRANT XXX.XX, LOCATION

(SUBMIT 2 COPIES)



APPLICANT
LOT 22 HAFELI SUB SEC. 3 OR TAX PLATE NO WITH LEGAL DESCRIPTION
DRAINAGE AND APPROACH PLAN
SCALE 1"= XX'