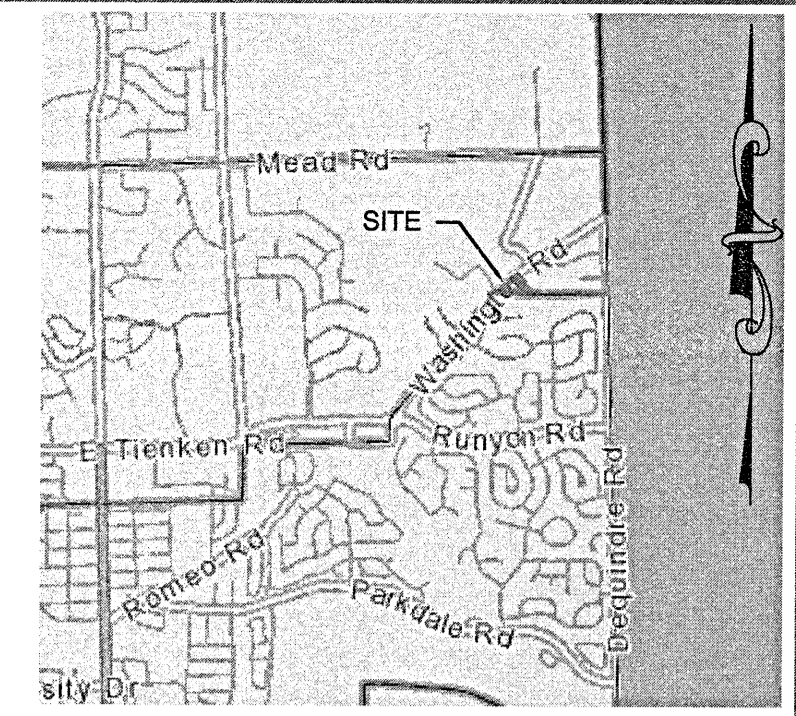


**PLOT PLAN- ADDITION PLAN**  
**1590 WASHINGTON ROAD, ROCHESTER HILLS, MI**

1. THIS PROJECT TO BE CONSTRUCTED IN COMPLIANCE WITH PART 81 OF ACT 451 OF 1994, AS AMENDED, THE SOIL EROSION AND SEDIMENTATION CONTROL ACT AND THE MACOMB COUNTY SOIL EROSION AND SEDIMENTATION CONTROL ORDINANCE.
  2. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE MACOMB COUNTY PUBLIC OFFICE.
  3. EROSION AND SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE NATURAL AND MANMADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS REQUIRED TO ENSURE PROGRESSIVE STABILIZATION OF DISTURBED EARTH CHANGE.
  4. STAGING THE WORK WILL BE DONE BY THE LANDOWNER OR THE LANDOWNER'S REPRESENTATIVE AS DIRECTED IN THESE PLANS AND AS REQUIRED TO ENSURE PROGRESSIVE STABILIZATION OF DISTURBED EARTH CHANGE.
  5. THE LAND OWNER OR LANDOWNER'S REPRESENTATIVE SHALL IMPLEMENT AND MAINTAIN SOIL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS BEFORE AND AT ALL TIMES DURING CONSTRUCTION ON THIS PROJECT. ANY MODIFICATIONS OR ADDITIONS TO SOIL EROSION CONTROL MEASURES DUE TO CHANGED CONDITIONS SHALL BE COMPLIED WITH AS REQUIRED OR DIRECTED BY THE MACOMB COUNTY PUBLIC WORKS OFFICE.
  7. IF ANY OF THESE SECS MEASURES ON THE SITE ARE DEEMED INADEQUATE OR INEFFECTIVE THE MACOMB COUNTY PUBLIC WORKS OFFICE SECS DIVISION HAS THE RIGHT TO REQUIRE ADDITIONAL SECS MEASURES AT THE EXPENSE OF THE LANDOWNER.
  8. INSTALL SILT AS INDICATED ON THE PLAN AND AT ADDITIONAL AREAS AS NECESSARY.
    - A. SILT FENCE SHALL BE INSTALLED PER DETAIL.
    - B. BUILD UP SEDIMENT SHALL BE REMOVED WHEN SEDIMENT ACCUMULATES TO 1/3 TO 1/2 OF THE HEIGHT OF THE SILT FENCE.
    - C. IF SILT FENCE SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS WITHIN 24 HOURS OF RAINFALL AND DAILY DURING A PROLONGED RAIN EVENT. REQUIRED MAINTENANCE SHALL BE PROVIDED PROMPTLY.
    - D. INSTALL INLET FILTERS ON ALL PAVEMENT CATCH BASINS PER DETAIL. INLET FILTERS SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS WITHIN 24 HOURS OF RAINFALL AND DAILY DURING PROLONGED RAIN EVENT.
    - E. BUILD UP OF SEDIMENT SHALL BE REMOVED PROMPTLY.
    - F. IF FABRIC DECOMPOSED OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED LIFE AND THE BARRIER IS STILL REQUIRED, THE SILT FENCE SHALL BE REPLACED PROMPTLY.
  10. INSTALL DRAIN GUARDS ON ALL YARD CATCH BASINS PER DETAIL. SEED OR SOIL THE AREA BETWEEN THE SILT FENCE AND THE INLET.
  - H. DRAIN GUARDS SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS WITHIN 24 HOURS OF RAINFALL AND DAILY DURING A PROLONGED RAIN EVENT.
  - I. BUILD UP OF SEDIMENT SHALL BE REMOVED WHEN SEDIMENT ACCUMULATES TO 1/3 TO 1/2 OF THE HEIGHT OF THE SILT FENCE.
  - J. IF FABRIC DECOMPOSES OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED LIFE AND THE BARRIER IS STILL REQUIRED THE SILT FENCE SHALL BE REPLACED PROMPTLY.
  11. ALL STOCKPILED SOILS MUST BE MAINTAINED IN SUCH A WAY AS TO PREVENT EROSION FROM LEAKING THE SITE. IF THE STOCKPILE WILL BE ON SITE FOR MORE THAN 30 DAYS THE STOCKPILE MUST BE SEDED. SILT FENCE MUST BE INSTALLED AROUND THE PERIMETER OF THE STOCKPILE.
  12. IMMEDIATELY AFTER SEEDING, MULCH ALL SEEDING AREAS WITH UNWEATHERED SMALL STRAW, SPREAD UNIFORMITY AT THE RATE OF 1-2 TONS PER ACRE OR 100 LBS (2" BALL) PER 1000 SQ. FT. THIS MULCH SHOULD BE ANCHORED WITH A DISK TYPE MULCH ANCHORING TOOL OR OTHER MEANS AS APPROVED BY THE MACOMB COUNTY PUBLIC WORKS OFFICE.
  13. IF ANY DRAINAGE IS NEEDED, IT SHALL BE DISCHARGED THROUGH A FILTER BAG OVER A WELL VEGETATED AREA. THE PUMP MUST BE DISCHARGED AT A NON-CORROSIVE VELOCITY. IF NECESSARY, AN APPROVED ENERGY DISSIPATOR MAY BE USED.
  14. ALL DIRT TRACKED ONTO ANY ROADWAY SHALL BE REMOVED IMMEDIATELY.
  15. STREETS AND OR PARKING AREAS WILL BE SCRAPPED ON A DAILY BASIS AND SWEEP AT A MINIMUM OF ONCE PER WEEK BY THE LANDOWNER OR LANDOWNER'S REPRESENTATIVE.
  16. DURING DRY PERIODS ALL DISTURBED AREAS SHALL BE WATERED FOR DUST CONTROL.
  17. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES CHANNELS DITCHES OR ANY DISTURBED LAND AREAS SHALL BE COMPLETED WITHIN 3 CALENDAR DAYS AFTER FINAL GRADING OR THE FINAL EARTH CHANGE HAS BEEN COMPLETED WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER EARTH CHANGE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH CHANGE ACTIVITY CEASES TEMPORARY SOIL EROSION MEASURES SHALL BE IMPLEMENTED IMMEDIATELY. ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED ALL PERMANENT SOIL EROSION CONTROL MEASURES WILL BE IMPLEMENTED AND ESTABLISHED BEFORE A CERTIFICATE OF COMPLIANCE IS ISSUED.
  18. FINAL GRADE ESTABLISHED VEGETATION AND OR LANDSCAPE ALL DISTURBED AREAS NOT BUILT OR PAVED UPON.
  19. REMOVE ALL TEMPORARY SOIL EROSION DEVICES AFTER PERMANENT STABILIZATION IS ESTABLISHED.
  20. APPROXIMATE START DATE - JULY 1, 2020
  21. APPROXIMATE COMPLETION DATE - JUNE 30, 2020
  22. DISTANCE TO NEAREST WATERCOURSE: 400' +/- STONY CREEK & 1000' WINKLERS MILL POND
- TOTAL GROSS ACREAGE DISTURBED = 0.30 ACRES

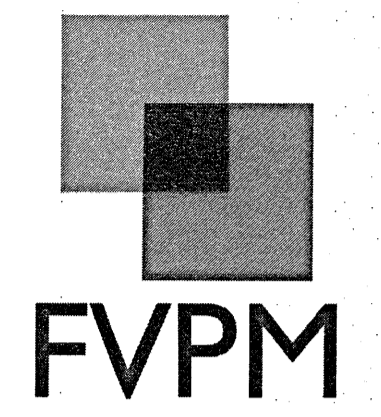
**SITE BENCHMARK**  
 PK NAIL IN UTILITY POLE  
 ELEV.= 813.07 NAVD88



**LOCATION MAP**  
 NOT TO SCALE

6/7/19 rev house

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**CLIENT**  
**LEE & MIRIJANA GJOKAJ**  
 1590 WASHINGTON  
 ROCHESTER HILLS  
 MI, 48306

**SHEET**  
**PLOT PLAN**

1590 WASHINGTON RD  
 ROCHESTER HILLS, MI

Project Number:  
 FV23107



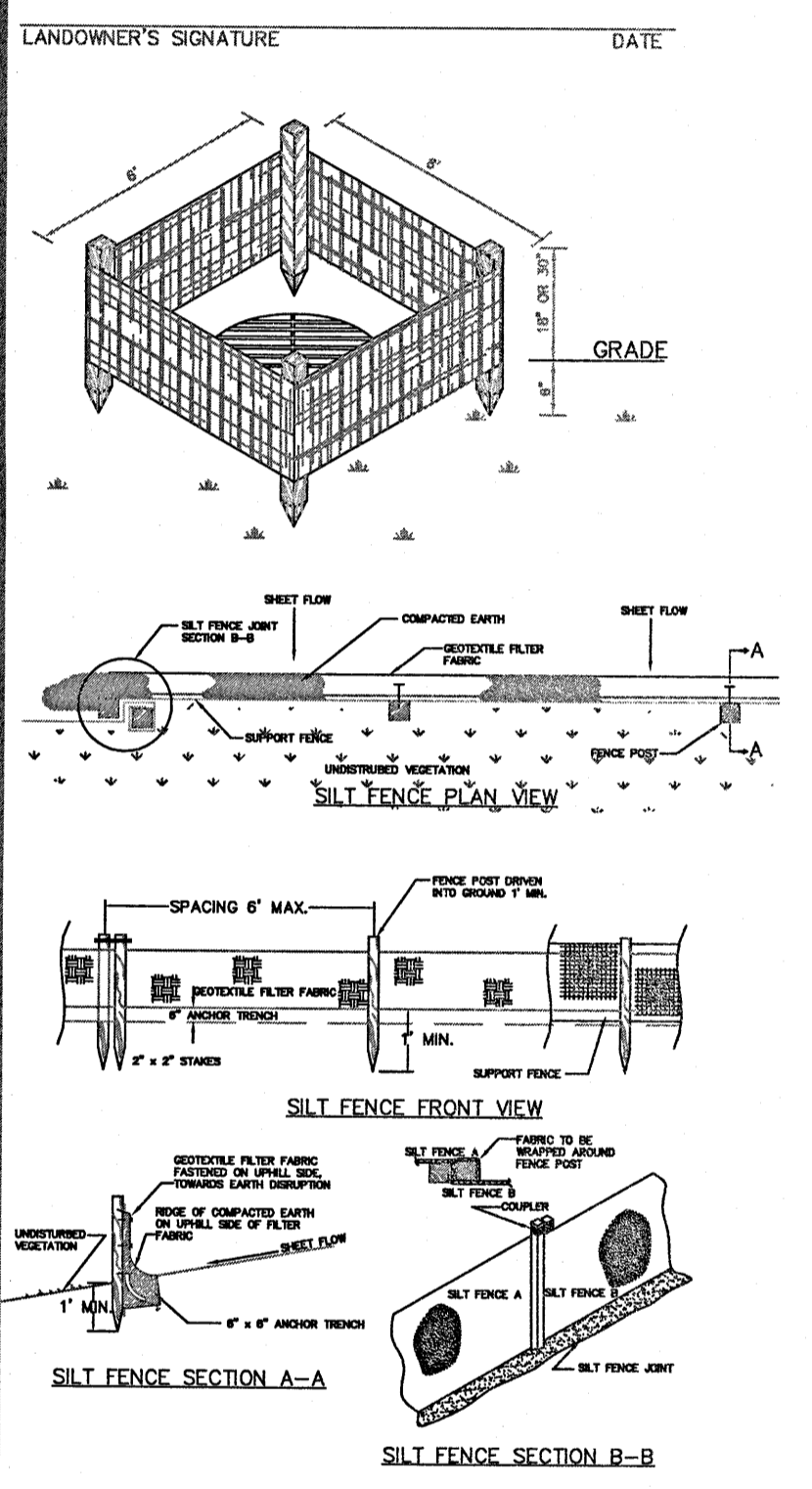
Know what's below  
 Call before you dig.

Drawn By:  
 D.S.W.

Checked By:  
 S.C.

Issue:  
 ● preliminary  
 ○ construction  
 ○ record

Sheet Number:  
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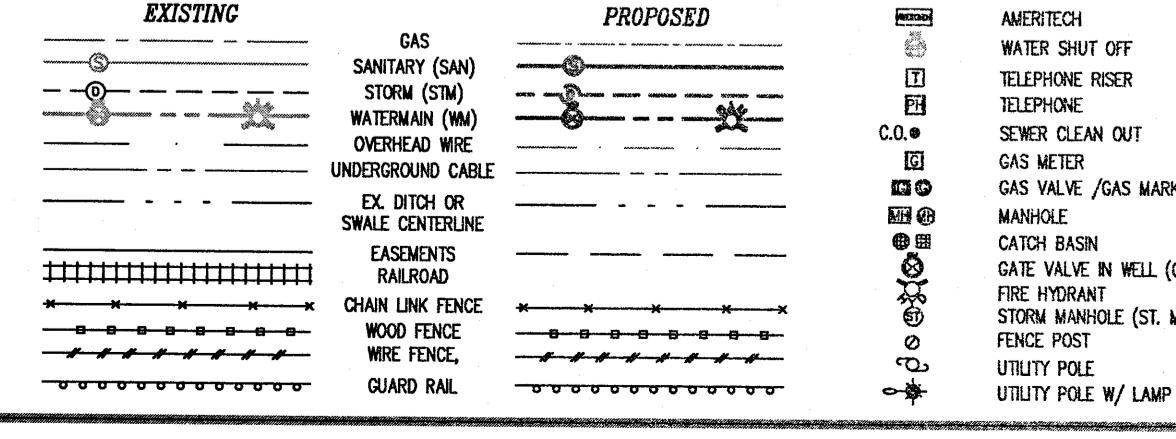
**EROSION CONTROL MEASURES & SEQUENCE OF CONSTRUCTION**

1. INSTALL TEMPORARY SOIL EROSION CONTROL GEOTEXTILE FILTER CLOTH FENCE AS INDICATED ON PLAN AND AT ADDITIONAL AREAS AS NECESSARY.
2. MAINTAIN A 15 FT. BUFFER OF VEGETATION WHERE POSSIBLE AROUND PERIMETER OF SITE.
3. INSTALL UTILITIES AND EXCAVATE BASEMENT. STOCKPILE DIRT AWAY FROM DRAINAGE AREAS.
4. BACKFILL BASEMENT, GRADE SITE AND REMOVE EXCESS DIRT FROM SITE IF NECESSARY.
5. CONSTRUCT HOUSE.
6. INSTALL PAVEMENT AND FINAL GRADE THE LOT.
7. ESTABLISH VEGETATION AND LANDSCAPE ALL DISTURBED AREAS NOT BUILT OR PAVED UPON.
8. CLEAN PAVEMENT AND REMOVE ALL TEMPORARY EROSION CONTROL MEASURES. RE-ESTABLISH VEGETATION AS NECESSARY.
9. ALL DIRT AND MUD TRACKED ONTO PUBLIC ROADS SHALL BE REMOVED DAILY.
10. ALL EROSION CONTROL SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF THE TOWNSHIP.

NOTE: THIS TIMING AND SEQUENCE CHART IS TO BE FILLED IN BY THE CLIENT PRIOR TO SUBMITAL TO THE CITY.

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A SOIL EROSION CONTROL MEASURES												
B HOUSE CONSTRUCTION												
C DRIVEWAY & SIDEWALK CONSTRUCTION												
D FINAL GRADING												
E PERMANENT SOIL EROSION												

**LEGEND**

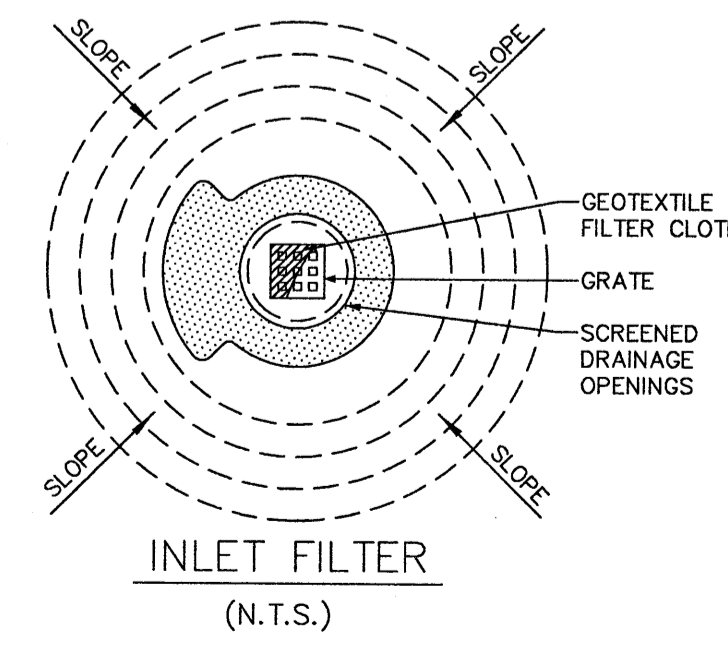


NOT FOR CONSTRUCTION UNLESS APPROVED BY MUNICIPALITY. HOUSE DIMENSIONS TO BE VERIFIED BY OWNER AND/OR BUILDER BEFORE CONSTRUCTION.

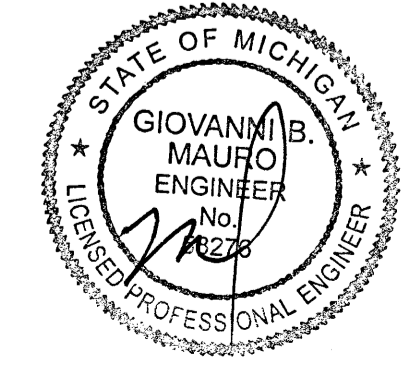
THE PROPERTY DIMENSIONS AND UTILITY LOCATIONS SHOWN ARE ONLY APPROXIMATE AND GATHERED FROM EXIST RECORDS AVAILABLE. THERE IS NO GUARANTEE THEREOF. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND UTILITIES PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO OWNER AND/OR ENGINEER.

NOTE: ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF ALL GOVERNING AGENCIES.

USER AGREES THAT PLAN IS SUBJECT TO STANDARD ASCE CONTRACT AND LIABILITY AND IS LIMITED TO FEE.



- SOIL EROSION NOTES**
1. INSTALL EROSION CONTROL.
  2. ALL SOIL EROSION MEASURES MUST BE IN PLACE PRIOR TO ANY EARTH MOVEMENT.
  3. COMPLETE ALL EARTH MOVEMENTS.
  4. RIGHT OF WAY MUST BE STABILIZED PRIOR TO FINAL GRADE INSPECTION.
  5. ALL SLOPE AREAS ALL SLOPES GREATER THAN 1:5 PRIOR TO FINAL GRADE INSPECTION MUST BE STABILIZED.
  6. AFTER FINAL EARTH STABILIZATION IS COMPLETE REMOVE EROSION CONTROL MEASURES.
- SOIL EROSION MEASURES**
- SOIL EROSION MEASURES SHALL BE CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE MACOMB COUNTY PUBLIC WORKS OFFICE.
- SOIL TYPE PER COUNTY SOIL MAP IS (L) - Loam, the only soil.
- SOIL EROSION CONTROL MEASURES SHALL BE INSTALLED IN A PROTECTIVE MANNER AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.



**BENCHMARK**  
 SITE BENCHMARK  
 PK NAIL IN UTILITY POLE  
 IN FRONT OF HOUSE #1590  
 ELEV.= 813.07 NAVD88

**LEGAL DESCRIPTION OF RECORD**

A PARCEL OF LAND LOCATED IN THE NORTHEAST 1/4 OF SECTION 1, T3N, R11E, ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN AND BEING FURTHER DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST & WEST 1/4 LINE DISTANT N 89-39-00 W 1319.34 FT & N 88-35-00 W 306.15 FT FROM EAST 1/4 SECTION CORNER, THENCE N 44-26-00 W 438.68 FT TO SOUTHERLY LINE OF EM RR R/W, THENCE SOUTHWESTERLY ALONG THE SD R/W 418 FT TO THE EAST & WEST 1/4 LINE, THENCE EASTERLY ALONG 1/4 LINE TO THE POINT OF BEGINNING 2 A B11

**TOPOGRAPHIC SURVEY NOTES**

ALL ELEVATIONS ARE EXISTING ELEVATIONS, UNLESS OTHERWISE NOTED.

UTILITY LOCATIONS WERE OBTAINED FROM MUNICIPAL OFFICIALS AND RECORDS OF UTILITY COMPANIES. AND NO GUARANTEE CAN BE MADE TO THE COMPLETENESS, OR EXACTNESS OF LOCATION.

THIS SURVEY MAY NOT SHOW ALL EASEMENTS OF RECORD UNLESS AN UPDATED TITLE POLICY IS FURNISHED TO THE SURVEYOR BY THE OWNER.