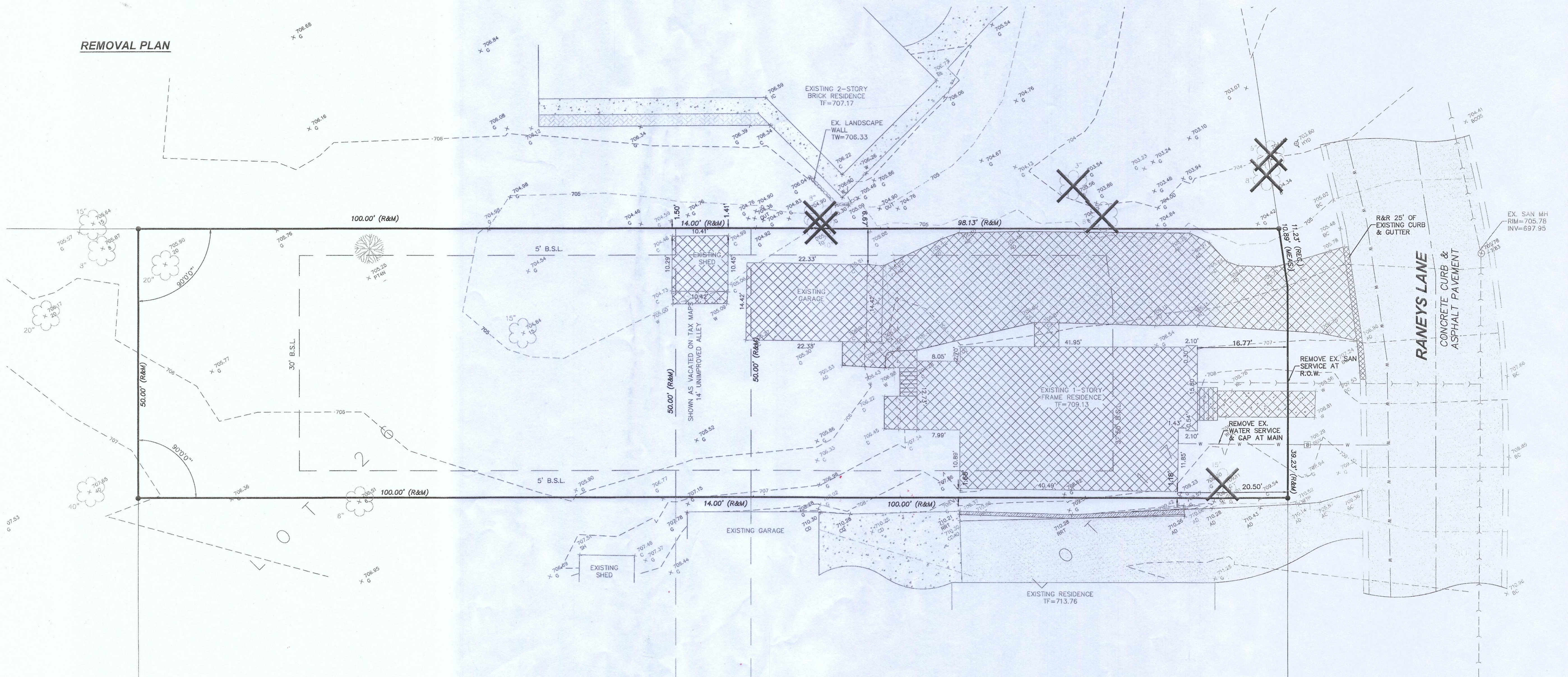
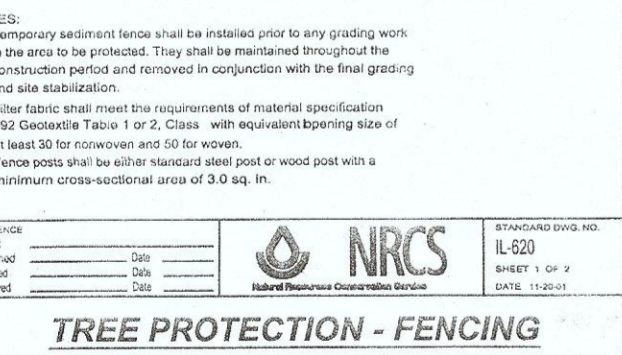
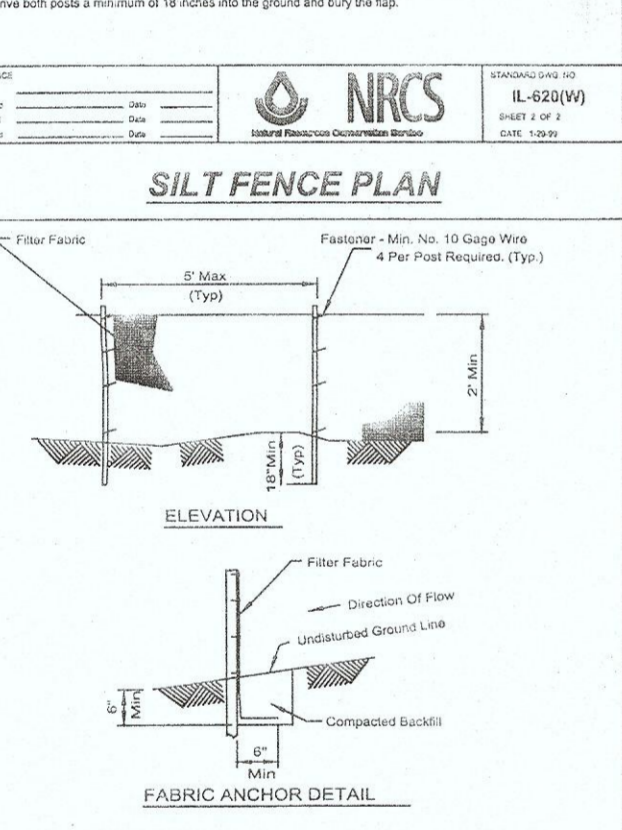
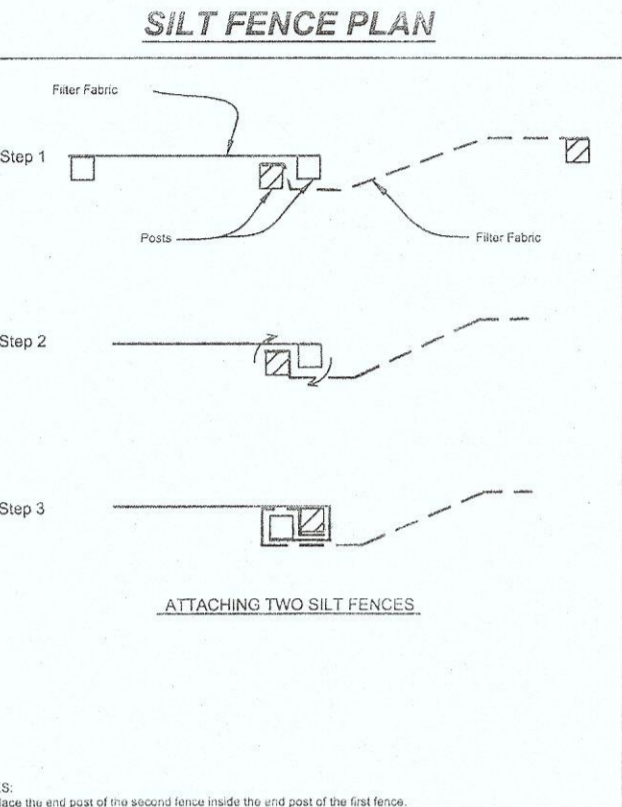


# EXISTING TOPOGRAPHY/REMOVAL PLAN

LOT 17 (EXCEPT THE SOUTH 50 FEET THEREOF) AND LOT 26 (EXCEPT THE SOUTH 50 FEET THEREOF) IN RANEYS ADDITION TO ORLAND, BEING A SUBDIVISION OF THE NORTH 50 RODS OF THE EAST 32 RODS OF THE EAST HALF OF THE WEST HALF OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

**LEGEND**

EXISTING	PROPOSED



**NOTES:**

**WATER AND SEWER SERVICES**  
 WATER SERVICE TO BE 1 1/2" MIN. TYPE K COPPER MIN. DEPTH 5".

SANITARY SERVICE TO BE 6" ABS TRUSS PIPE (ABS) WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ASTM D2751 FOR 6" DIA. SOLID WALL SDR 23.5 W/ A MIN. SLOPE OF 1%. THE CONTRACTOR SHALL LOCATE THE EX. SANITARY SERVICE IN THE PARKWAY AND CONNECT TO IT. IF NO SERVICE EXISTS, CONTRACTOR SHALL CONNECT TO EXISTING MAIN W/ WYE CONNECTION. A PAVEMENT PATCH SHALL BE REQUIRED FOR DISTURBED AREAS OF THE ROADWAY FROM CURB LINE TO CURB LINE.

SANITARY & WATER SERVICES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

MIN. SEPARATION OF WATER AND SANITARY SERVICES 10"

**EROSION CONTROL**  
 TO BE APPLIED PER THE ILLINOIS URBAN MANUAL, LATEST EDITION

CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION TO DETERMINE IF ANY CONFLICTS EXIST, THE DESIGN ENGINEER MUST BE NOTIFIED PRIOR TO START OF CONSTRUCTION. FOR BUILDING LINES, EASEMENTS AND OTHER RESTRICTIONS NOT SHOWN HEREON REFER TO YOUR DEED, CONTRACT, TITLE POLICY, ZONING ORDINANCE, ETC.

FOR UNDERGROUND UTILITY LOCATIONS AND PRIOR TO ANY CONSTRUCTION, CONTACT J.J.L.L.E., TOLL FREE 1-800-992-0123

EXISTING TOPOGRAPHIC AND BOUNDARY INFORMATION PROVIDED BY MORRISON SURVEYING, INC.

**BENCHMARKS:**  
 REFERENCE BENCHMARK NGS MONUMENT A12773 ELEV=700.0 (NAVD88)

**SITE BENCHMARK**  
 RIM ON SANITARY MANHOLE LOCATED IN THE STREET AT THE EXTENSION OF THE NORTH PROPERTY LINE  
 ELEV = 705.78 (NAVD88)

CURRENT ZONING: R-3

**OWNER:**  
 JOHN LANDERS  
 (708)302-5689

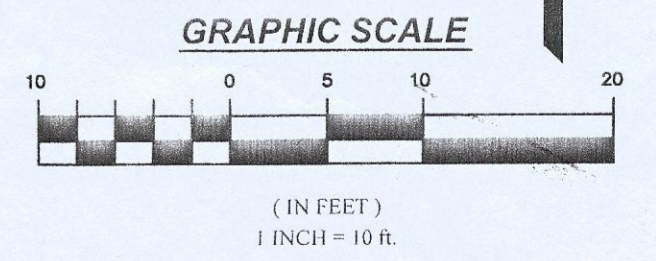
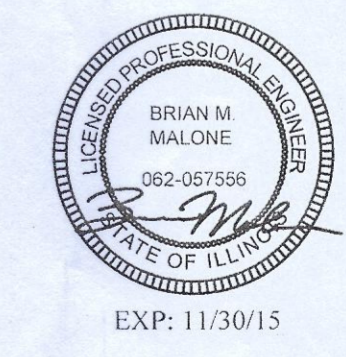
**ABBREVIATIONS:**

XXX.XXTC	TOP OF CURB ELEVATION
XXX.XME	MATCH EXISTING ELEVATION
TF	TOP OF FOUNDATION
TW/BW	TOP/BOTTOM OF WALL
LO	LOOK OUT
F/WO	FORCED WALK OUT
(XXX.XX)	EXISTING SPOT GRADE
XXX.X	SPOT GRADE W/ FLOW DIRECTION

NOTE: ADD 700 TO ALL PROPOSED SPOT GRADES

**PAVEMENT LEGEND**

	PROPOSED CONCRETE PAVEMENT		EXISTING BITUMINOUS PAVEMENT
	PROPOSED DECK/COVERED PORCH		EXISTING CONCRETE PAVEMENT
	EXISTING PAVERS		EXISTING PAVEMENT/STRUCTURE TO BE REMOVED



**ORLAND PARK GRADING PLAN**  
 14334 RANEY'S LANE  
 ORLAND PARK, ILLINOIS

**TOPOGRAPHY/REMOVAL PLAN**

DRAWN BY:	CHECKED BY:
BMM	BMM
SCALE: 1"=10'	DATE: 05/20/15
JOB NUMBER: 15-051	SHEET: 1 OF 2

**MARTIN M. Engineering, Inc.**  
 CONSULTING AND SITE DESIGN CIVIL ENGINEERS  
 20123 OAKWOOD DRIVE  
 MOKENA, ILLINOIS 60448  
 VOICE: (708) 995-1323  
 FAX: (708) 995-1384

#	DATE	DESCRIPTION
1	08/27/15	PER CLIENT REVIEW
2	08/13/15	PER CLIENT REVIEW