

DETAILED GRADING PLAN

LOT 15 IN HUMPHREY'S SUBDIVISION OF THE NORTH 455.00 FEET OF THE NORTH 30 ACRES OF THE SOUTH 60 ACRES OF THE WEST HALF OF THE NORTHEAST QUARTER, LYING EAST OF THE RAILROAD, OF SECTION 9, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

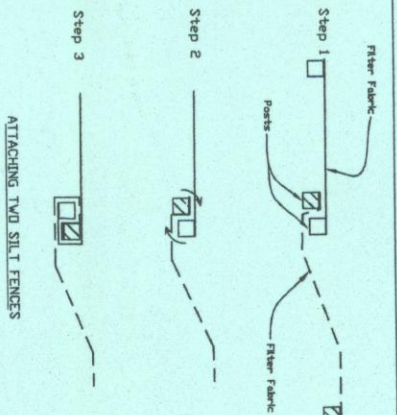
W. 144TH PLACE

LEGEND

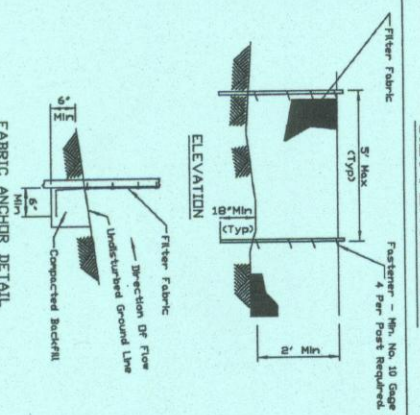
EXISTING
--- SANITARY SEWER
--- STORM SEWER
--- CATCH BASIN
--- OPEN LID MANHOLE
--- CLOSED LID MANHOLE
--- INLET
--- WATER MAIN
--- VALVE
--- HYDRANT
--- HEADWALL
--- FLARED END
--- STREET LIGHT
--- UTILITY POLE
--- B-BOX
--- RETAINING WALL
--- SILT FENCE
--- 100-YEAR OVERFLOW PATH
--- STORM STRUCTURE W/ INLET PROTECTION

PROPOSED
--- SANITARY SEWER
--- STORM SEWER
--- CATCH BASIN
--- OPEN LID MANHOLE
--- CLOSED LID MANHOLE
--- INLET
--- WATER MAIN
--- VALVE
--- HYDRANT
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SILT FENCE PLAN



SILT FENCE PLAN



LOT COVERAGE

LOT COVERAGE

TOTAL LOT AREA	6,250 SF
PRINCIPAL STRUCTURE	1,468 SF
GARAGE	528 SF
DRIVEWAY AREA	1,161 SF
SIDEWALK AREA	110 SF
% OF LOT COVERAGE	52%

ABBREVIATIONS:

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XXX.XTC	TOP OF CURB ELEVATION
XXX.XME	MATCH EXISTING ELEVATION
TF	TOP OF FOUNDATION
FF	FINISHED FLOOR ELEVATION
LO	LOOK OUT
F/NO	FORCED WALK OUT
XXX.X	SPOT GRADE W/ FLOW DIRECTION
NOTE:	ADD 600 TO ALL PROPOSED SPOT GRADES

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Exp-11/30/04

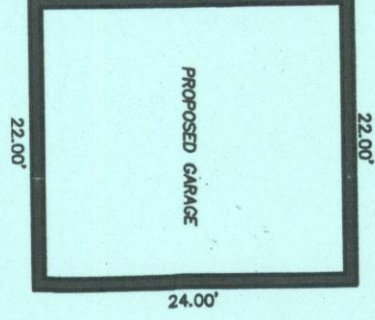
BOARD APPROVED

CASE NO. 2009-0444

DATE 11/2/09

W/CONDITIONS

W/O CONDITIONS



(IN FEET)
1 inch = 10 ft.

RECEIVED

OCT 23 2009

OWNER: JOHN KELLY (708) 774-9950

GRAPHIC SCALE

FOR UNDERGROUND UTILITY LOCATIONS AND PRIOR TO ANY CONSTRUCTION, CONTACT J.U.I.E., TOLL FREE 1-800-892-0123

SITE BENCHMARK: VALVE ON HYDRANT ON NORTH SIDE OF STREET BETWEEN LOTS 14 & 15 ELEV = 679.88

NOTE: MARTIN M. ENGINEERING, INC. MAKES NO REPRESENTATION AS TO ACCURACY OF DIMENSIONS SHOWN BELOW. FOR ACTUAL DIMENSIONS OF HOME, REFER TO FOUNDATION PLAN PREPARED BY OTHERS.

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%.

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

LOT 15-HUMPHREY'S SUBDIVISION

DETAILED GRADING PLAN

DRAWN BY: BIMM

CHECKED BY: BIMM

SCALE: 1"=10'

DATE: 09/15/09

JOB NUMBER: 09-022

SHEET: 1 OF 1

MARTIN M. Engineering, Inc.

CONSULTING AND SITE DESIGN CIVIL ENGINEERS

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