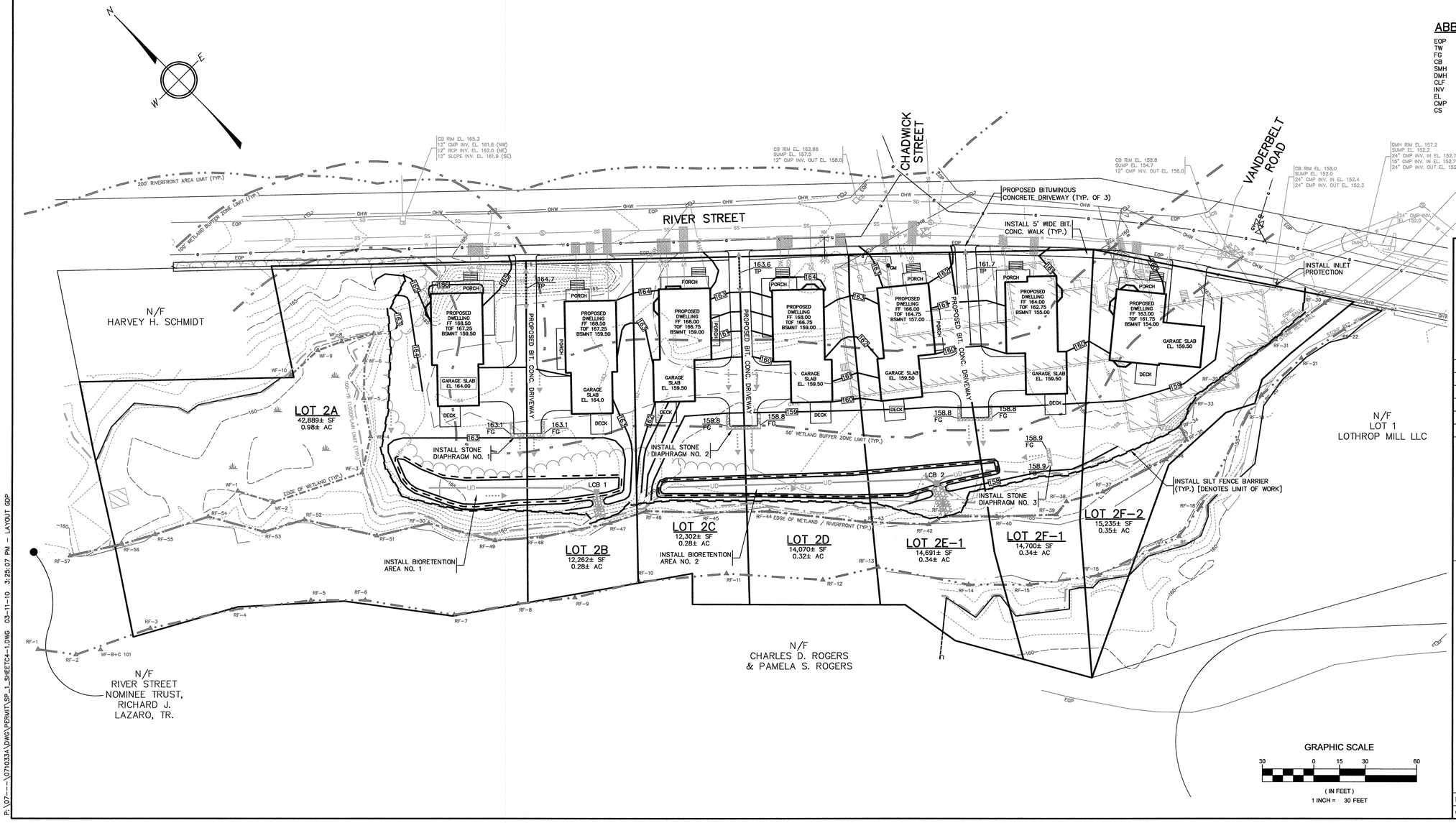
LEGEND

EXISTING		PROPOSED
100	ELEVATION CONTOUR	100
100x0	SPOT GRADE	100.0 FG
	PROPERTY LINE	
	BUILDING ENVELOPE	
	10-YR FLOODPLAIN LIMIT	
	100-YR FLOODPLAIN LIMIT	
	WETLAND/RIVERFRONT EDGE	
	25' NO-DISTURBANCE ZONE LIMIT	
	100' WETLAND BUFFER ZONE LIMIT	
	SHORELINE	
	INTERMITTENT STREAM/DITCH	
	200' RIVERFRONT ZONE LIMIT	
	EDGE OF PAVEMENT	
	GRAVEL/DIRT ROAD	
	FENCE	
	STONE WALL	
W	WATER MAIN	
	WATER SERVICE	WS
	FOUNDATION DRAIN	FD
	GRAVITY SEWER LINE	SS
G	GAS LINE	
E	BURIED POWER LINE	
	UNDERDRAIN	UD
SD	STORM DRAIN	SD
CB	CATCH BASIN	CB
DMH	DRAIN MANHOLE	DMH
	HAYBALE BARRIER	
	SILT FENCE BARRIER	
	RETAINING WALL	
199-1	DEEP SOIL OBSERVATION HOLE	
199-A	PERCOLATION TEST	
SB1	SOIL BORING	
GM1	GROUNDWATER MONITORING WELL	
	WELL	
	ELEVATION BENCHMARK	
	SURFACE RUNOFF DIRECTION	
	TRAFFIC FLOW DIRECTION	
WSO	WATER SHUT-OFF VALVE	

ABBREVIATIONS

EOP	EDGE OF PAVEMENT	CC	CONCRETE CURB
TW	TOP OF WALL	STOK	STOCKADE FENCE
FG	FINISH GRADE	RF	RIVERFRONT FLAG
CB	CATCH BASIN	WF	WETLAND FLAG
SMH	SEWER MANHOLE	STBK	SETBACK
DMH	DRAIN MANHOLE	TOF	TOP OF FOUNDATION
CLF	CHAINLINK FENCE	N/F	NOW OR FORMERLY
INV	INVERT	PVC	POLYVINYL CHLORIDE
EL	ELEVATION	DH	DRILL HOLE
CMP	CORRUGATED METAL PIPE	IP	IRON PIPE
CS	CURB STOP	PIV	POST INDICATOR VALVE



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 INCH = 30 FEET

DRAWING ISSUED FOR:

☐ CONCEPT ☐ CONSTRUCTION
■ PERMIT ☐ CONSTRUCTION RECORD

THIS DRAWING MAY NOT SHOW CONSTRUCTION DETAILS AND SPECIFICATIONS FOR ALL PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION WORK ITEMS/AREAS OF CONTRACTOR JURISDICTION.

NO.	DATE	BY	APP.	REVISION DESCRIPTION
1.	3/11/10	BET	BDR	REDLINE REVISIONS

GPR Engineering Solutions for Land & Structures

GOLDSMITH, PREST & RINGWALL, INC.
39 MAIN STREET, SUITE 301. AYER, MA 01432
CIVIL & STRUCTURAL ENGINEERING • LAND SURVEYING & LAND PLANNING
VOICE: 978.772.1590 FAX: 978.772.1591
www.gpr-inc.com

RESIDENTIAL DEVELOPMENT

GRADING, DRAINAGE AND PAVING PLAN

81 RIVER STREET
ACTON, MA 01720

OWNER/APPLICANT:
LOTHROP MILL, LLC
544 MASSACHUSETTS AVENUE
ACTON, MA 01720

DES. BY: MKB	DATE: MAY 2008	JOB 071033A	C4.1
CHK. BY: MES			

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