

MULTIFAMILY SITE REDEVELOPMENT PLANS

FOR

85 WATER STREET

(ASSESSOR'S MAP 200, BLOCK 4, LOTS 1 & 3 & ASSESSOR'S MAP 207, BLOCK 2, LOT 1A) HAVERHILL, MASSACHUSETTS

WATER STREET

ENVIRONMENTAL CONSULTANT:

THE WATER STREET WATERFRONT LLC LEC ENVIRONMENTAL CONSULTANTS, INC. 5 ATKINSON FARM ROAD ATKINSON, NH 03811 BOOK 15004, PAGE 358

APPLICANT: 85 WATER STREET REDEVELOPMENT, LLC

NORTH ANDOVER, MA 01845 PHONE: 978-687-6200

CIVIL ENGINEER/SURVEYOR: THE MORIN-CAMERON GROUP, INC. 66 ELM STREET DANVERS, MA 01923

ARCHITECT:

GSD ASSOCIATES, LLC 146 MAIN STREET

<u>ABBREVIA</u>	TIONS:
AC APPROX BC CB CCB CI CLDI CONC CMP DI DIA DMH DB EL/ELEV EXIST FT GG HDPE ID INV MAHW MAX MIN N/F	ACRE APPROXIMATE BOTTOM OF CURB CATCH BASIN CAPE COD BERM CAST IRON CEMENT LINED DUCTILE IRON CONCRETE CORRUGATED METAL PIPE DUCTILE IRON DIAMETER DRAIN MANHOLE DEED BOOK ELEVATION EXISTING FOOT GAS GATE HIGH DENSITY POLYETHYLENE INVERT MEAN ANNUAL HIGH WATER MAXIMUM MINIMUM NOW OR FORMERLY
PROP PSI	PROPOSED POUNDS PER SQUARE INCH
DVA	

WAKEFIELD, MA 01880 PHONE: 781-245-2500

LANDSCAPE ARCHITECT: RADNER DESIGN ASSOCIATES, INC. 3 ALLIED DRIVE, SUITE 303

PHONE: 508-733-6144

AC	ACRE
APPROX	APPROXIMATE
BC	BOTTOM OF CURB
CB	CATCH BASIN
CCB	CAPE COD BERM
Cl	CAST IRON
CLDI	CEMENT LINED DUCTILE IRON
CONC	CONCRETE
CMP	CORRUGATED METAL PIPE
DI	DUCTILE IRON
DIA	DIAMETER
DMH	DRAIN MANHOLE
	DEED BOOK
EL/ELEV	
EXIST	EXISTING
EXIST FT	FOOT
GG	GAS GATE
HDPE	HIGH DENSITY POLYETHYLENE
	THE PROPERTY OF THE PARTY OF TH
INV	INVERT
	MEAN ANNUAL HIGH WATER
MAX	MAXIMUM
MIN	MINIMUM
N/F	NOW OR FORMERLY
	NORTH SOUTH EAST WEST
NAVD	NORTH AMERICAN VERTICAL DA
OC	ON CENTER
±	DI LIC AMNUC
PAV	PLUS/MINUS PAVED
PG	
PBAD	PAGE
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RET	RETAINING
REQ'D	REQUIRED
SF	SQUARE FEET
SMH	SEWER MANHOLE
SSA	SNOW STORAGE AREA
SWLL	SINGLE WHITE LANE LINE
TC	TOP OF CURB
TOW	TOP OF WALL
TYP	TYPICAL
UGE	UNDERGROUND ELECTRIC
UP	UTILITY POLE
VCG	VERTICAL GRANITE CURB
WG	WATER GATE
110	WAILK GAIL

PROPOSED MULTI-FAMILY RESIDENTIAL BUILDING

MAP 200, BLOCK 4, LOT 3

SCHEDULE OF PLAN SET DRAWINGS:

C-1	COVER SHEET
C-2	EXISTING CONDITIONS PLAN
C-3	EROSION & SEDIMENT CONTR

SITE LAYOUT PLAN GRADING, DRAINAGE & UTILITY PLAN

CONSTRUCTION DETAILS I

CONSTRUCTION DETAILS II CONSTRUCTION DETAILS III

CONSTRUCTION DETAILS IV CUT & FILL PLAN

LANDSCAPE PLAN SITE IMPROVEMENTS PLAN

MATERIALS ENLARGEMENT PLAN 1

MATERIALS ENLARGEMENT PLAN 2 MATERIALS ENLARGEMENT PLAN 3

LANDSCAPE PLAN ENLARGEMENT -

ROOF DECK

WATER GATE VALVE

MAP 200, BLOCK 4,

LOT 1

MAP 207, BLOCK 2, LOT 1A

PARK

LANDSCAPE DETAILS

ZONING DISTRICT:
WATERFRONT DISTRICT (SOUTH SIDE OF WATER STREET)

ELEVATION DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

<u>LEGEND</u>	EVICTINO	55050055
	<u>EXISTING</u>	<u>PROPOSED</u>
CONTOURS		
MAJOR		12
MINOR	16	18
SPOT GRADES	× ^{167.2}	× ^{22.4}
LIMIT OF MAHW		
LIMIT HISTORIC HIGH WATER		
100' SETBACK TO MAHW		
LIMIT OF 200' RIVERFRONT AREA		
LIMIT OF FEMA FLOOD ZONE		
CHAIN LINK FENCE	— X X X	
EDGE OF GRASS		
DRAIN PIPE	D	D
GAS MAIN/SERVICE	G	G
PICKET FENCE		
SANITARY SEWER MAIN/SERVICE	S	s
SILT SOCK		
UNDERGROUND ELECTIC CONDUIT	——— UGE ———	——— UGE ———
WATER MAIN/SERVICE	w	w
CATCH BASIN		
DETECTABLE WARNING PANEL		(888)
DRAIN MANHOLE		(
ELECTRIC MANHOLE	(E)	
GAS GATE VALVE	GG O	G G ►
LIGHT POLE	\$	
SEWER MANHOLE		S
SIGN	0	-
TELECOM MANHOLE		
TREE		(6)
UTILITY POLE	- -	400

WALL ST	REET	
MERRIMACK	RIVER	
		PLAN
		SCALE: 1* = 30' 0 15 30

WALL

FOR PERMITTING PURPOSES ONLY

NOT RELEASED FOR CONSTRUCTION

THESE PLANS ARE PREPARED FOR PERMITTING WITH THE CITY OF HAVERHILL. THE PLANS SHALL NOT BE USED FOR CONSTRUCTION OR FOR ANY OTHER PURPOSES WITHOUT WRITTEN PERMISSION FROM THE MORIN-CAMERON GROUP, INC.

MASSACHUSETTS OR'S MAP 207, BLOCK 2, LOT 14

REDEVELOPMENT PLANS

















