

# Legend

Exist.	Prop.		Exist.	Prop.	
		PROPERTY LINE			CONCRETE PAVEMENT
		PROJECT LIMIT LINE			HEAVY DUTY PAVEMENT
		RIGHT-OF-WAY/PROPERTY LINE			RAPRAP
		EASEMENT			CONSTRUCTION ENTRANCE
		BUILDING SETBACK	27.38 70'x	27.38 70'x	TOP OF CURB ELEVATION
		BASELINE	26.85 90'x	26.85 90'x	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	132.75 x	132.75 x	SPOT ELEVATION
		ZONING LINE	45.0 7W	45.0 7W	TOP & BOTTOM OF WALL ELEVATION
		TOWN LINE	38.5 8W	38.5 8W	BORING LOCATION
					TEST PIT LOCATION
					MONITORING WELL
		LIMIT OF DISTURBANCE			UNDERDRAIN
		WETLAND LINE WITH FLAG			DRAIN
		FLOODPLAIN			ROOF DRAIN
		BORDERING LAND SUBJECT TO FLOODING			SEWER
		WETLAND BUFFER ZONE			OVERHEAD WIRE
		NO DISTURB ZONE			WATER
		200' RIVERFRONT AREA			FIRE PROTECTION
					DOMESTIC WATER
		GRAVEL ROAD			GAS
		EDGE OF PAVEMENT			UNDERGROUND ELECTRIC
		INFUMOUS CURB			TELEPHONE
		CONCRETE CURB			FIRE ALARM
		CAPE COD BERM			CABLE TV
		CURB AND GUTTER			
		EXTENDED CONCRETE CURB			CATCH BASIN
		MONOLITHIC CONCRETE CURB			DOUBLE CATCH BASIN
		PRECAST CONC. CURB			GUTTER INLET
		SLOPED GRAM. EDGING			DRAIN MANHOLE
		VERT. GRAM. CURB			TRENCH DRAIN
		LIMIT OF CURB TYPE			PLUG OR CAP
		SAWCUT			CLEANOUT
					FLARED END SECTION
		BUILDING			HEADWALL
		BUILDING ENTRANCE			
		LOADING DOCK			SEWER MANHOLE
		BOLLARD			
		DUMPSTER PAD			CURB STOP & BOX
		SIGN			WATER VALVE & BOX
		DOUBLE SIGN			TAPPING SLEEVE, VALVE & BOX
					SIAMSE CONNECTION
		STEEL GUARDRAIL			FIRE HYDRANT
		WOOD GUARDRAIL			WATER METER
					POST INDICATOR VALVE
					WATER WELL
		PATH			
		TREE LINE			GAS GATE
		WIRE FENCE			GAS METER
		FENCE			
		STOCKADE FENCE			ELECTRIC MANHOLE
		STONE WALL			ELECTRIC METER
		RETAINING WALL			LIGHT POLE
		STREAM / POND / WATER COURSE			TELEPHONE MANHOLE
		DETENTION BASIN			TRANSFORMER PAD
		HAY BALES			UTILITY POLE
		SILT FENCE			
					UTILITY POLE W/ LIGHT
		MINOR CONTOUR			GUY POLE
		MAJOR CONTOUR			GUY WIRE & ANCHOR
					HARD HOLE
		PARKING COUNT			PULL BOX
		COMPACT PARKING STALLS			
		DOUBLE YELLOW LINE			WATCHLINE
		STOP LINE			
		CROSSWALK			
		ACCESSIBLE CURB RAMP			
		HANDICAP PARKING			
		VAN-ACCESSIBLE HANDICAP PARKING			

General	
ABWH	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LAKE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EXIST	EXISTING
FDN	FOUNDATION
FTE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GTD	GRADE TO DRAIN
LA	LANDSCAPE AREA
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
N/C	NOT IN CONTRACT
NTS	NOT TO SCALE
PNFV	PENFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
RND	REMOVE AND DISPOSE
RNR	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LAKE LINE
TB	TOP OF BERM
TS	TOP OF SLOPE
TYP	TYPICAL

Utility	
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
DCB	DOUBLE CATCH BASIN
DHM	DRAIN MANHOLE
CP	CAST IRON PIPE
CONB	CONDUIT
DI	DUCTILE IRON PIPE
FES	FLARED END SECTION
FM	FORCE MAIN
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
GI	GUTTER INLET
GT	GREASE TRAP
HDP	HIGH DENSITY POLYETHYLENE PIPE
HM	ELECTRIC MANHOLE
HW	HEADWALL
HYD	HYDRANT
INV	INVERT ELEVATION
I-	INVERT ELEVATION
MES	METAL END SECTION
PWW	PAVED WATER WAY
PVC	POLYVINYLCHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
RM	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOX
UPV	UTILITY POLE

1. CONTRACTOR SHALL NOTIFY "DUG-SAFE" (1-800-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE SIX INCHES LOAM AND SEED.
4. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
5. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS AND FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
6. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
7. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
8. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
9. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
10. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
3. GRANITE BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.

<u>Utility</u>	
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
DOB	DOUBLE CATCH BASIN
DWH	DRAIN MANHOLE
CP	CAST IRON PIPE
CONB	CONDUIT
DI	DUCTILE IRON PIPE
FES	FLARED END SECTION
FM	FORCE MAIN
FAG	FRAME AND GRATE
FAC	FRAME AND COVER
GI	GUTTER INLET
GT	GREASE TRAP
HOPE	HIGH DENSITY POLYETHYLENE PIPE
HH	ELECTRIC HANDHOLE
HW	HEADWALL
HYD	HYDRANT
INV	INVERT ELEVATION
I-	INVERT ELEVATION
MES	METAL END SECTION
PWW	PAVED WATER WAY
PVC	POLYVINYLCHLORIDE PIPE
RCF	REINFORCED CONCRETE PIPE
R-	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOLL
UP	UTILITY POLE

1. THE CONTRACTOR TO REMOVE AND TO DISPOSE OF EXISTING MAINTAINANCE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. ONLY AS INDICATED ON PLANS.
2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE, AND INDIVIDUAL UTILITY COMPANIES STANDARDS SPECIFICATIONS, AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES, AND STATUTES.

1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
2. INSPECT AND MAINTAIN EROSION CONTROL MEASURES, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND RESUME OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES OFF-SITE AND CLEAN SEDIMENT AND DEBRIS FROM EXISTING DRAINAGE AND SEWER SYSTEMS. ON-SITE DISPOSAL IS UNACCEPTABLE.
6. ALL WORK SHALL CONFORM TO THE NOTICE OF INTENT AND ORDER OF CONDITIONS.

1. BASE PLAN - THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY HERITAGE SURVEYS, INC. AND FROM DEEDS AND PLANS OF RECORD DATED JANUARY 31, 2002 (PLAN BOOK 324, PAGE 34). THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY HERITAGE SURVEYS, INC. DURING MAY OF 2004.
2. A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY TIME & BOND.  
B. FLAGS MARKING THE WETLANDS WERE FIELD INSTRUMENT LOCATED BY HERITAGE SURVEYS.
3. TOPOGRAPHY - ELEVATIONS ARE BASED ON AN ASSUMED DATUM.
4. GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM TIME & BOND. ADDITIONAL TEST PITS FOR THE PURPOSES OF DESIGN FOR STORMWATER MANAGEMENT SYSTEMS WERE PERFORMED BY WHI IN MAY 2004.

**VHIB**  
*Vanasse Hangen Brustlin, Inc.*

**Transportation  
Land Development  
Environmental Services**

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No.		Revision			Date		Approved by		
Designed by	JAG	Drawn by	JAG	Checked by	JAF	CAD checked by	Approved by		
Scales	N.T.S.				Date	June 25, 2004			

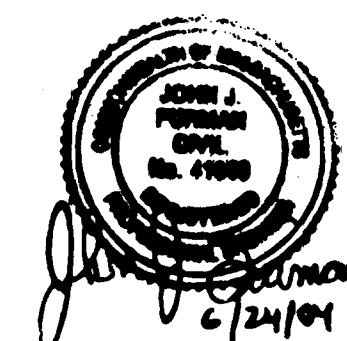
**Deer Park  
Industrial Center**  
Deer Park Drive  
East Longmeadow, Massachusetts

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**Definitive Subdivision  
Approval**

**Not Approved for Construction**  
Drawing Title

### Legend, Abbreviations and General Notes



**C-1**

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Project Number  
00246.00