Site Plans

Issued for Notice of Intent Date Issued Latest Issue

April 12, 2022 April 12, 2022

The Northland Newton Development

Needham Street/Oak Street Newton, Massachusetts

Owner/Applicant

Northland Oak Street, LLC/ Northland Tower Road Investors, LLC 2150 Washington Street Newton, MA 02462

Assessor's Map: 51 Lot: 5, 5A, 6



No.	Drawing Title	Latest Issue
C-1	Legend and General Notes	April 15, 2022
C-2	Overall Site Plan	April 15, 2022
C-3	South Meadow Brook Demolition Plan	April 15, 2022
C-3.1	Mill Park Layout Demolition Plan	April 15, 2022
C-4	South Meadow Brook Site Plan	April 15, 2022
C-4.1	Mill Park Grading Site Plan	April 15, 2022
C-5	South Meadow Brook Utility Plan	April 15, 2022
C-5.1	Mill Park Utility Plan	April 15, 2022
SESC-1	Soil Erosion and Sediment Control 1 -	April 15, 2022
	General Notes and Legend	
SESC-2	Soil Erosion and Sediment Control 2 - Details	April 15, 2022
SESC-3	Soil Erosion and Sediment Control 3 - South Meadow Brook	April 15, 2022
SESC-4	Soil Erosion and Sediment Control 4 - Mill Park	



	-	
Votoronco	Drawing	7
NGIGIGIIUG	Diawiiic	

No.	Drawing Title	Latest Issue
Sv-1	Existing Conditions Plan of Land	June 4, 2018
Sv-2	Existing Conditions Plan of Land	June 4, 2018
Sv-3	Existing Conditions Plan of Land	June 4, 2018
	See Landscape Plan Set	January 28, 2022



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770

Landscape Architect

Stantec 226 Causeway Street, 6th Floor Boston, MA 02114-2155

Architect

CUBE 3 Studio 360 Merrimack Street Building 5, Floor 3 Lawrence, MA 01843

Architect

Stantec Architecture 311 Summer Street Boston, MA 02210-01723



VHB Project : 12239.00 North Issued for : NOI 4.12.2022

Legend

Exist.	Prop.		Exist.	Prop.	
		PROPERTY LINE	$ \begin{array}{c} \frac{1}{2}, & \frac{1}{2}, $		CONCRETE
					HEAVY DUTY PAVEMENT
					BUILDINGS
			NO201/102		
			126661.28		
		BUILDING SETBACK		6%%%%	
10+00	10+00	PARKING SETBACK	27.35 TC \times	27.35 TC×	TOP OF CURB ELEVATION
		BASELINE	26.85 BC \times	26.85 BC×	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	132 75 ×	132 75 X	
		ZONING LINE	45.0 TW ×	45.0 TW	
		TOWN LINE	38.5 BW	38.5 BW	
			-	$\mathbf{\nabla}$	
	_				
<u> </u>		WEILAND LINE WITH FLAG		•	MONITORING WELL
		FLOODPLAIN	UD	UD	UNDERDRAIN
BLSF		BORDERING LAND SUBJECT TO FLOODING	12"D	12"D»	DRAIN
————ВZ-———		WETLAND BUFFER ZONE	6"RD	6"RD»	
ND7			1 <u>2</u> "S	1 <u>2"</u> S	
		NO DISTORB ZONE	FM	FM	
200'RA		200' RIVERFRONT AREA			
		GRAVEL ROAD		UHW	
EOP	<u> </u>		6"W	—6"W—	WATER
BB	BB		4"FP	——4"FP——	FIRE PROTECTION
DC		BITUMINOUS BERM		2"DW	DOMESTIC WATER
		BITUMINOUS CURB	3"G	G	GAS
CC		CONCRETE CURB	——————————————————————————————————————	——E——	ELECTRIC
		CURB AND GUTTER	STM	STM	STEAM
CC	ECC	EXTRUDED CONCRETE CURB	——————————————————————————————————————	T	TELEPHONE
CC	MCC	MONOLITHIC CONCRETE CURB	——— FA———	——FA——	FIRE ALARM
CC	PCC	PRECAST CONC. CURB	CATV	CATV	CABLE TV
SGE	SGE	SLOPED GRAN. EDGING		$\overline{}$	
VGC	VGC	VERT. GRAN. CURB			CATCH BASIN CONCENTRIC
		LIMIT OF CURB TYPE			CATCH BASIN ECCENTRIC
		SAWCUT			DOUBLE CATCH BASIN CONCENTRIC
			_		DOUBLE CATCH BASIN ECCENTRIC
(1111111		BUILDING			GUTTER INLET
			D	ullet	DRAIN MANHOLE CONCENTRIC
			D	$\textcircled{\bullet}$	DRAIN MANHOLE ECCENTRIC
			=TD=		TRENCH DRAIN
0	•	BOLLARD	Ľ	Ľ	PLUG OR CAP
D	D	DUMPSTER PAD	CO	¢C0	CLEANOUT
0	-	SIGN		►	ELARED END SECTION
	_	DOUBLE SIGN			
<u> </u>	I	STEEL GUARDRAIL	S	ullet	SEWER MANHOLE CONCENTRIC
	BB	WOOD GUARDRAIL	S	\bigcirc	SEWER MANHOLE ECCENTRIC
			CS	CS	
· · · · · · · · · · · · · · · · · · ·		PATH	ŴV	WV	CURB STOP & BOX
$\sim \sim$	\sim	TREE LINE	() TOV		WATER VALVE & BOX
×	-xx-	WIRE FENCE	15V		TAPPING SLEEVE, VALVE & BOX
00	••-	FENCE	ኖ ቅ HYD	₩ HYD	SIAMESE CONNECTION
0	- 	STOCKADE FENCE	O WM	©, WM	FIRE HYDRANT
		STONE WALL			WATER METER
		RETAINING WALL	IV IV	PIVImage: Image of the second seco	POST INDICATOR VALVE
· · · ·		STREAM / POND / WATER COURSE	\bigcirc		WATER WELL
		DETENTION BASIN	GG	ÇG	GAS GATF
	<u></u>	HAY BALES	GM	GM	GAS METER
X	~_	SILT FENCE	•		UAJ WETER
			E	● ^{EMH}	ELECTRIC MANHOLE
·/ ·	·> ·	SILT SOCK / STRAW WATTLE	EM	EM ⊡	ELECTRIC METER
4	<u> </u>	MINOR CONTOUR	¢	*	LIGHT POLE
20	<u> </u>	MAJOR CONTOUR	(T)	_ ТМН	
(10)			\cup	-	I ELEPHONE MANHULE
			Τ	Τ	TRANSFORMER PAD
P5.4	(010)	COMPACT PARKING STALLS	-0-	-	UTILITY POLE
UYL	<u> </u>	DOUBLE YELLOW LINE	0-	▲_	
SL	SL	STOP LINE	U	- − 	
		CROSSWALK	HH	<u> </u>	GUY WIRE & ANCHOR
/			⊡ PB	⊡ PB	HAND HOLE
<u>۲۱ </u>	∠۱۱∠ و		•		PULL BOX
¢.	ج. •	ACCESSIRLE PAKKING			
Ê.	Ê.	VAN-ACCESSIBLE PARKING			

MATCHLINE

Abbreviations

General	
ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EX	EXISTING
FDN	FOUNDATION
FFE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GTD	GRADE TO DRAIN
LA	LANDSCAPE AREA
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
TS	TOP OF SLOPE
ТҮР	TYPICAL
Utility	
СВ	CATCH BASIN
СМР	CORRUGATED METAL PIPE
СО	CLEANOUT
DCB	DOUBLE CATCH BASIN
DMH	DRAIN MANHOLE
CID	

CIP CAST IRON PIPE COND CONDUIT DIP DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FM FRAME AND GRATE F&G FRAME AND COVER F&C GUTTER INLET GREASE TRAP GT HIGH DENSITY POLYETHYLENE PIPE HDPE HANDHOLE нн HEADWALI НW HYDRANT HYD INV INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION MES PIV POST INDICATOR VALVE PAVED WATER WAY PWW POLYVINYLCHLORIDE PIPE PVC RCP REINFORCED CONCRETE PIPE **RIM ELEVATION RIM ELEVATION** RIM=

SEWER MANHOLE SMH TSV TAPPING SLEEVE, VALVE AND BOX UNDERGROUND UG

UTILITY POLE

Notes

General

- 1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING. THE CONTRACTOR SHALL CONTACT THE CITY OF NEWTON UTILITIES DIVISION AT 617-796-1640 FOR MARKOUTS OF WATER, SANITARY, SEWER, AND DRAINAGE UTILITIES WITHIN THE PUBLIC RIGHT OF
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
- 4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE FOUR INCHES LOAM AND SEED.
- WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
- WORK WITHIN OAK STREET AND TOWER ROAD REQUIRES A TRENCH, STREET OPENING AND SIDEWALK CROSSING PERMIT FROM THE CITY OF NEWTON'S ENGINEERING DIVISION. WORK WITHIN NEEDHAM STREET REQUIRES MASSDOT PERMITS FROM THE DISTRICT 6 OFFICE.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS. PAY FEES. AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- 8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 9. 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 FXPFNSF
- 10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- 11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- 12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 13. 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.
- 14. THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND EPA JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A CGP NOTICE OF INTENT WITH THE EPA AND PREPARE A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE NPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE OWNER HAS ALSO FILED A NOTICE OF INTENT WITH THE EPA.
- 15. THE CONTRACTOR OF RECORD SHALL HOLD A PRE-CONSTRUCTION MEETING WITH THE NEWTON PUBLIC WORKS, FIRE AND POLICE DEPARTMENTS PRIOR TO THE START OF ANY UTILITY WORK. ADDITIONALLY, THE CONTRACTOR SHALL NOTIFY THE CITY OF NEWTON UTILITIES DIVISION AT 617-796-1640 FOR UTILITY INSPECTIONS WITH A 48-HOUR NOTICE.

Utilities

- THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
- 3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
- 4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
 - A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
 - B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
 - C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE
 - SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
- THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
- 6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
- 7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - A. WATER PIPES SHALL BE DUCTILE IRON CLASS 52 UNLESS OTHERWISE INDICATED ON THE PLANS
 - B. SANITARY SEWER PIPES SHALL BE SDR 35 POLYVINYL CHLORIDE (PVC) SEWER PIPE
 - C. STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE PIPE UNLESS OTHERWISE INDICATED ON THE PLANS
 - D. PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION. INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
- 9. CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
- 10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.
- 11. THE CONTRACTOR SHALL OBTAIN A TEMPORARY WATER METER AND BACKFLOW PREVENTOR FROM THE UTILITIES DIVISION FOR DUST CONTROL DURING CONSTRUCTION.

- Layout and Materials
- 2. CURB RADII ARE AS NOTED.

Erosion Control

1. SEE SESC PLANS.

- JUNE 2017.

2020.

FEATURES.

Permits

- - Document Use

12. ALL WATER CONNECTIONS SHALL BE CHLORINATED AND PRESSURE TESTED IN ACCORDANCE WITH AWWA AND THE CITY OF NEWTON CONSTRUCTION STANDARDS AND SPECIFICATIONS PRIOR TO OPENING THE CONNECTION TO EXISTING PIPES.

DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.

3. 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.

4. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.

PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

Existing Conditions Information

1. THE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON A PLAN ENTITLED "EXISTING CONDITIONS PLAN IN NEWTON, MA (MIDDLESEX COUNTY)" - OAK ST. & NEEDHAM ST. - BY PRECISION LAND SURVEYING, INC. DATED JANUARY 8, 2013 AT A SCALE OF 1"=50' AND VERIFIED BY VHB, INC. IN

2. THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON A PLAN ENTITLED "EXISTING CONDITIONS PLAN IN NEWTON, MA (MIDDLESEX COUNTY)" - OAK ST. & NEEDHAM ST. - BY PRECISION LAND SURVEYING, INC., DATED JANUARY 8, 2013 AT A SCALE OF 1"=50' AND VERIFIED BY VHB, INC. IN JUNE, 2017 AND SUPPLEMENTED BY AN ACTUAL ON-THE-GROUND SURVEY BY VHB, INC. IN MARCH,

A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB B. FLAGS MARKING THE WETLANDS WERE LOCATED BY: VHB

3. HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983.

4. VERTICAL DATUM IS BASED ON NGVD 1988.

5. GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM HALEY & ALDRICH, INC. 456 MEDFORD STREET, SUITE 2200, BOSTON, MA.

1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.

2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT

THIS PROJECT REQUIRES AT LEAST THE FOLLOWING PERMITS/APPROVALS RELATED TO THE SITE/CIVIL ELEMENTS (REFER TO THE PROJECT MANUAL AND SPECIFICATIONS FOR ADDITIONAL PERMITS/REQUIREMENTS) PRIOR TO THE START OF CONSTRUCTION. A. CITY OF NEWTON CONSERVATION COMMISSION APPROVAL B. CITY OF NEWTON ENGINEER APPROVAL OF UTILITIES AND DRAINAGE SYSTEMS

C. MASSDOT ACCESS PERMIT



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770

The Northland Newton Development

Needham Street/Oak Street Newton, Massachusetts

No.	Revision	Date	Appvd.
Designed	by	Checked by	
	EOB	(CRQ
Issued for		Date	
Not	ice of Intent	April 12	2, 2022

Not Approved for Construction

Legend and General Notes

Drawing Numbe



12239.00



\\vhb\gbl\proj\Wat-LD\12239.00\cad\Id\Planset\local approvals\Con Com\con com planset\12239.00-CCA-Overall Site.dwg

No.	Revision	Date	Appvd.
Designe	eob EOB	Checked by	CRQ
Issued fo	Dr	Date	
No	tice of Intent	April 1	2, 2022

Demolition

- 1. SEE SESC PLANS FOR PROPOSED SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- 2. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
- 3. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
- 4. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- 4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
- 5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.







101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



The Northland Newton Development

Needham Street/Oak Street Newton, Massachusetts

No.	Revision	Date	Appvd.
D .			
Design	EOB	Спескей by	CRQ
Issued	for	Date	
Nc	otice of Intent	April 1	2, 2022

Notice of Intent

Not Approved for Construction

South Meadow Brook **Demolition Plan**



Demolition

- 1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
- 2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD 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.
- 4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
- 5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.







101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



The Northland Newton Development

Needham Street/Oak Street Newton, Massachusetts

Notice of Intent	April 12	, 2022
Issued for	Date	
Designed by EOB	Checked by	RQ
No. Revision	Date	Appvd.

Not Approved for Construction

Mill Park **Demolition Plan** Drawing Number -3

\\vhb\gbl\proj\Wat-LD\12239.00\cad\ld\Planset\local approvals\Con Com\con com planset\12239.00-CCA-SP.dwg

UPPER FALL GREENWAY INFILTRATION SYSTEM ╶╢╴╴╴ Š,





101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770









101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



NOTE:

- 1. ALL PUBLIC UTILITY CUTTING AND CAPPING SHALL BE
- WITNESSED BY THE CITY.
 ANY MODIFICATIONS TO THE FIRE SUPPRESSION WATER MAINS ON SITE MUST BE PART OF A COMPREHENSIVE NFPA 241 PLAN WITH SPECIFIC APPROVAL FROM NEWTON FIRE DEPARTMENT.
- 3. ANY MODIFICATION TO ANY OF THE FIRE SUPPRESSION SYSTEM (INCLUDING EXISTING HYDRANTS SERVICING BUILDING 1 REQUIRES APPROVAL FROM THE CLIENT.









101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



\\vhb\gbl\proj\Wat-LD\12239.00\cad\Id\Planset\local approvals\Con Com\con com planset\12239.00-CCA-UT.dwg

NOTE:

- 1. ALL PUBLIC UTILITY CUTTING AND CAPPING SHALL BE
- WITNESSED BY THE CITY. 2. ANY MODIFICATIONS TO THE FIRE SUPPRESSION WATER MAINS ON SITE MUST BE PART OF A COMPREHENSIVE NFPA 241 PLAN WITH SPECIFIC APPROVAL FROM NEWTON FIRE DEPARTMENT.
- 3. ANY MODIFICATION TO ANY OF THE FIRE SUPPRESSION SYSTEM (INCLUDING EXISTING HYDRANTS SERVICING BUILDING 1 REQUIRES APPROVAL FROM THE CLIENT.

Legend











101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



General

- 1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION
- 3. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 4 INCHES LOAM AND SEED.

ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.

- 4. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- 5. 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.
- 6. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- 7. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- 8. 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.
- 9. THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND EPA JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A CGP NOTICE OF INTENT WITH EPA AND PREPARE AND MAINTAIN A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE NPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE OWNER ALSO FILED A NOTICE OF INTENT WITH THE EPA.
- 10. STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ABUTTING RESOURCE AREA AND SHALL BE LOCATED WITHIN THE LOD.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND INSTALLING THE FOLLOWING ITEMS ON SITE AND REDLINING THE PLAN FOR RECORD KEEPING PURPOSES AS REQUIRED BY THE NPDES PERMIT: a. BUILDING MATERIALS STAGING AREAS
- b. STOCKPILE AREAS. EROSION CONTROLS SHALL BE PLACED AT THE BASE OF ALL STOCKPILES c. DESIGNATED WASHOUT AND REFUELING AREAS.
- d. TEMPORARY SEDIMENT BASIN AREAS. e. DEWATERING BASINS.

Erosion Control

- 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.
- CONTRACTOR SHALL CONTACT THE NEWTON CONSERVATION AGENT AND CITY INSPECTOR TO FIELD REVIEW AND APPROVE THE INSTALLED EROSION CONTROL MEASURES.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- 4. 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.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT FROSION
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
- 7. A CROSS SLOPE SHALL BE PLACED ON THE STABILIZED CONSTRUCTION EXIT TO DIRECT RUNOFF TO AN ONSITE SETTLING AREA. IF DEEMED NECESSARY AFTER CONSTRUCTION BEGINS, A WASH PAD MAY BE INCLUDED TO WASH OFF VEHICLE WHEELS BEFORE LEAVING THE PROJECT SITE.
- TEMPORARY SEDIMENT BASINS WILL BE DESIGNED EITHER AS EXCAVATIONS OR BERMED STORMWATER DETENTION STRUCTURES THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. BASINS WILL BE LOCATED AS DETERMINED BY THE CONTRACTOR BASED ON CONSTRUCTION NEEDS. POINT OF DISCHARGE FROM SEDIMENT BASINS WILL BE STABILIZED TO MINIMIZE EROSION.
- 9. VEGETATIVE SLOPE STABILIZATION WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR STEEPER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.
- 10. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER CLEARING, GRADING, EXCAVATION OR OTHER EARTH DISTURBANCE ACTIVITIES ARE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT BE RESUMED FOR A PERIOD EXCEEDING FOURTEEN (14) CALENDAR DAYS. STABILIZATION MUST BE COMPLETED USING VEGETATIVE STABILIZATION MEASURES WHERE POSSIBLE.
- 11. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15TH SHALL BE SEEDED BY THAT DATE. ANY SUCH AREAS WHICH DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION BY NOVEMBER 15TH MUST BE STABILIZED THROUGH THE USE OF NON-VEGETATIVE EROSION CONTROL MEASURES. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15TH TO APRIL 15TH CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THE DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE STABILIZED WITHIN FIVE (5) WORKING DAYS.

Infiltration Basin Protection During Construction

MANAGEMENT PRACTICES (BMPs):

- 2. INITIAL BASIN EXCAVATION SHOULD BE CARRIED TO WITHIN 1 FOOT OF THE FINAL ELEVATION OF THE BASIN FLOOR. FINAL EXCAVATION SHOULD BE DEFERRED UNTIL ALL DISTURBED AREAS CONTRIBUTING TO THE BASIN HAVE BEEN STABILIZED OR PROTECTED. PRIOR TO FINAL EXCAVATION, REMOVE ALL ACCUMULATED SEDIMENT.
- 3. CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
- 4. EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY LIGHT-TRACKED EQUIPMENT TO AVOID COMPACTION OF THE BASIN FLOOR.
- 5. THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.

FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- 2. ALL STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THESE AREAS.
- 3. CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
- 4. EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY HYDRAULIC EXCAVATOR OR SOME OTHER SIMILAR MEANS TO ENSURE THAT THE EQUIPMENT IS NOT IN DIRECT CONTACT WITH THE NATURAL FILTRATION EARTH MATERIAL AND DOES NOT CAUSE COMPACTION OF THE SUBGRADE.
- 5. THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.
- 6. THE SAND FILTER SHALL BE PROTECTED WITH EROSION CONTROLS IMMEDIATELY UPON INSTALLATION TO PREVENT CLOGGING OF FILTER MATERIALS. THESE AREAS SHALL NOT BE USED AS SEDIMENTATION OR DEWATERING BASINS.

FOR THE LONG-TERM FUNCTION OF THE INFILTRATION SYSTEM CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST

1. THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.

- Bioretention Basin Protection During Construction
- FOR THE LONG-TERM FUNCTION OF THE BIORETENTION BASIN, CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE
- THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.

Erosion Control Maintenance Requirements

SITE OWNERS AND OPERATORS MUST ENSURE THAT ALL EROSION, RUNOFF, SEDIMENT, AND POLLUTION PREVENTION CONTROLS REMAIN IN EFFECTIVE OPERATING CONDITION AND ARE PROTECTED FROM ACTIVITIES THAT WOULD REDUCE THEIR EFFECTIVENESS. SITE OWNERS AND OPERATORS MUST ALSO ENSURE THAT ALL EROSION, RUNOFF, SEDIMENT, AND POLLUTION PREVENTION CONTROLS ARE INSPECTED AT THE REQUIRED FREQUENCY REQUIREMENTS LISTED BELOW. IF THE DESIGNATED SITE INSPECTOR FINDS A PROBLEM (I.E. EROSION, RUNOFF, SEDIMENT OR POLLUTION PREVENTION CONTROLS REQUIRE REPLACEMENT, REPAIR, OR MAINTENANCE), THE OWNER AND OPERATOR MUST ENSURE THAT THE NECESSARY REPAIRS OR MODIFICATIONS ARE MADE IN ACCORDANCE WITH THE FOLLOWING:

- 1. INITIATE WORK TO FIX THE PROBLEM IMMEDIATELY AFTER DISCOVERING THE PROBLEM, AND COMPLETE SUCH WORK BY THE CLOSE OF THE NEXT WORK DAY, IF THE PROBLEM DOES NOT REQUIRE SIGNIFICANT REPAIR OR REPLACEMENT, OR IF THE PROBLEM CAN BE CORRECTED THROUGH ROUTINE MAINTENANCE.
- WHEN INSTALLATION OF A NEW CONTROL OR A SIGNIFICANT REPAIR IS NEEDED, SITE OWNERS AND OPERATORS MUST ENSURE THAT THE NEW OR MODIFIED CONTROL PRACTICE IS INSTALLED AND MADE OPERATIONAL BY NO LATER THAN SEVEN (7) CALENDAR DAYS FROM THE TIME OF DISCOVERY WHERE FEASIBLE. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN SEVEN (7) CALENDAR DAYS, THE REASONS WHY IT IS INFEASIBLE MUST BE DOCUMENTED IN THE SESC PLAN ALONG WITH THE SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS PRACTICABLE AFTER THE 7-DAY TIMEFRAME. WHERE THESE ACTIONS RESULT IN CHANGES TO ANY OF THE STORMWATER CONTROL MEASURES OUTLINED IN THE SESC PLAN, SITE OWNERS AND OPERATORS MUST MODIFY THE SESC PLAN ACCORDINGLY WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETING THIS WORK IN ACCORDANCE WITH THE FOLLOWING:
- a. THE OWNER AND OPERATOR SHALL AMEND THE SESC PLAN WITHIN SEVEN (7) DAYS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE OR OTHER PROCEDURE WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS, OR IF THE SESC PLAN PROVES TO BE INEFFECTIVE IN ACHIEVING ITS OBJECTIVES. IN ADDITION, THE SESC PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW OPERATOR THAT WILL IMPLEMENT A COMPONENT OF THE SESC PLAN. THE AMENDED SESC PLAN MUST BE KEPT ON FILE AT THE CONSTRUCTION SITE AND ANY SESC PLAN MODIFICATIONS MUST BE DOCUMENTED. ANY AMENDMENTS TO CONTROL MEASURES WHICH INVOLVED THE PRACTICE OF ENGINEERING, MUST FIRST BE REVIEWED, SIGNED, AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF RHODE ISLAND.
- 3. IF CORRECTIVE ACTIONS ARE REQUIRED, THE SITE OWNER AND OPERATOR MUST ENSURE THAT ALL CORRECTIVE ACTIONS ARE DOCUMENTED ON THE INSPECTION REPORT IN WHICH THE PROBLEM WAS FIRST DISCOVERED. THESE CORRECTIVE ACTIONS MUST BE DOCUMENTED, SIGNED, AND DATED BY THE SITE OPERATOR ONCE ALL NECESSARY REPAIRS HAVE BEEN COMPLETED.
- 4. SOIL EROSION AND SEDIMENT CONTROL INSPECTION REQUIREMENTS MINIMUM FREQUENCY - EACH OF THE FOLLOWING AREAS MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE OWNER AND OPERATOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF:
- a. ALL AREAS THAT HAVE BEEN CLEARED, GRADED, OR EXCAVATED AND THAT HAVE NOT YET COMPLETED STABILIZATION;
- b. ALL STORMWATER EROSION, RUNOFF, AND SEDIMENT CONTROL MEASURES (INCLUDING POLLUTION PREVENTION PRACTICES) INSTALLED AT THE SITE TO COMPLY WITH THIS PERMIT;
- c. CONSTRUCTION MATERIAL, UNSTABILIZED SOIL STOCKPILES, WASTE, BORROW, OR EQUIPMENT STORAGE, AND MAINTENANCE AREAS THAT ARE COVERED BY THIS PERMIT AND ARE EXPOSED TO PRECIPITATION;
- d. ALL AREAS WHERE STORMWATER TYPICALLY FLOWS WITHIN THE SITE, INCLUDING TEMPORARY DRAINAGE WAYS DESIGNED TO DIVERT, CONVEY, AND/OR TREAT STORMWATER; e. ALL POINTS OF DISCHARGE FROM THE SITE;
- f. ALL LOCATIONS WHERE TEMPORARY OR PERMANENT SOIL STABILIZATION MEASURES HAVE BEEN IMPLEMENTED.
- g. ALL LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770

The Northland **Newton Development**

Needham Street/Oak Street Newton, Massachusetts

hecked by EOB QRC

Notice of Intent

lo. Revision

April 12, 2022

Date

Not Approved for Construction

Soil Erosion and Sediment Control 1 **General Notes and Legend**





2. SILTSOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.

AS NEEDED.

ENGINEER.

- 3. SILTSOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY
- 4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE
- 5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.



- 2. IF GRATE IS AGAINST EXISTING CURB THEN BALES ARE TO BE PLACED
- AROUND THREE SIDES OF GRATE ONLY. 3. GRATE TO BE PLACED OVER FILTER FABRIC.
- 4. BALES SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIR OR REPLACEMENT SHALL BE PERFORMED

Source: VHB



N.T.S.



PROMPTLY AS NEEDED.



- 1. EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
- 3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

Source: VHB





- Silt Fence Sediment Trap

1/16







Stabilized Construction Exit



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



Designed by EOB	Checked by QRC
Issued for	Date
Notice of Intent	April 12, 2022

Not Approved for Construction

Soil Erosion and Sediment Control 2 Details



Drawing Number

\\vhb\gbl\proj\Wat-LD\12239.00\cad\ld\Planset\local approvals\Con Com\con com planset\12239.00-SESC.dwg



+85.70



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



The Northland Newton Development

Needham Street/Oak Street Newton, Massachusetts

No.	Revision	Date	Appvd.
Design	EOB	Checked by	QRC
Issued	for	Date	

Notice of Intent

April 12, 2022

Not Approved for Construction

Soil Erosion and Sediment Control 3 South Meadow Brook







\\vhb\gbl\proj\Wat-LD\12239.00\cad\ld\Planset\local approvals\Con Com\con com planset\12239.00-SESC.dwg



101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770



The Northland Newton Development

Needham Street/Oak Street Newton, Massachusetts

No.	Revision	Date	Appvd
Design	ned by	Checked by	
	EOB	(QRC
ssued	for	Date	
		• • •	

Notice of Intent

April 12, 2022

Not Approved for Construction

Soil Erosion and Sediment Control 4 Mill Park



Drawing Number



N 54*54′29″ E 137.38′ N/F NUF DEPOT INC. R=521.18' _L=368.46' Δ=40*30'24" 84 11

8.

84

General Notes

- 1) THE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON A PLAN ENTITLED "EXISTING CONDITIONS PLAN IN NEWTON, MA (MIDDLESEX COUNTY)" – OAK ST. & NEEDHAM ST. – BY PERCISION LAND SURVEYING, INC., DATED JANUARY 8, 2013 AT A SCALE OF 1"=50' AND VERIFIED BY VHB, INC. IN JUNE, 2017.
- 2) THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON A PLAN ENTITLED "EXISTING CONDITIONS PLAN IN NEWTON, MA (MIDDLESEX COUNTY)" -OAK ST. & NEEDHAM ST. - BY PERCISION LAND SURVEYING, INC., DATED JANUARY 8, 2013 AT A SCALE OF 1"=50' AND VERIFIED BY VHB, INC. IN JUNE, 2017.
- 3) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
- 4) HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO NAVD OF 1988.
- 5) THE TREE SYMBOL OUTLINE SHOWN ON THIS PLAN DOES NOT REPRESENT THE ACTUAL TREE CANOPY.
- 6) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND MAY BE SUBJECT TO ADDITIONAL INFORMATION DISCLOSED IN SUCH.





101 Walnut Street PO Box 9151 Watertown, MA 02471 617.924.1770

Legend

D	DRAIN MANHOLE
	CATCH BASIN
S	SEWER MANHOLE
E	ELECTRIC MANHOLE
T	TELEPHONE MANHOLE
\odot	MANHOLE
HH	HAND HOLE
۲	WATER GATE
۲	FIRE HYDRANT
0	GAS GATE
	BOLLARD w/LIGHT
	STREET SIGN
¢	LIGHT POLE
-0-	UTILITY POLE
0-	GUY POLE
\sim	GUY WIRE
\bigcirc	MONITORING WELL
•	FLOOD LIGHT
Ŵ	WELL
	MARSH
1	
N.	FINISHED FLOOR FLEVATION
CNO	COULD NOT OPEN
NPV	NO PIPES VISIBLE
	DOUBLE YELLOW LINE
DWI	DASHED WHITE LINE
SYL	SINGLE WHITE LINE
LSA	LANDSCAPED AREA
<u>EOP</u>	EDGE OF PAVEMENT
CC	CONCRETE CURB
VGC	VERTICAL GRANITE CURB
SGE	SLOPED GRANITE EDGE
BB	BITUMINOUS BERM
BC	BITUMINOUS CURB
TT	GUARD RAIL
-000	CHAIN LINK FENCE
	DRAINAGE LINE
	SEWER LINE
- OHW	OVERHEAD WIRE
——— E ————	UNDERGROUND ELECTRIC
———— T —	TELEPHONE LINE
— G ———	GAS LINE
	WATER LINE
0000000	STONE WALL
mm	TREE LINE
	100-FT BUFFER ZONE
100'RA	100-FT RIVER FRONT AREA
200'RA	200-FT RIVER FRONT AREA
	LIMIT MEAN ANNUAL HIGH WATER
BF1-100	LIMIT OF BANK
	VEGETATED WETLAND BOUNDARY

156 Oak Street Newton, Massachusetts



June 4, 2018









© SS	DRAIN MANHOLE
<i>τ</i> _α	CATCH BASIN
T RI S	SEWER MANHOLE
©	ELECTRIC MANHOLE
(D)	TELEPHONE MANHOLE
\land \odot	MANHOLE
HHD	HAND HOLE
	WATER GATE
<u>ن</u>	FIRE HYDRANT
	GAS GATE
	BOLLARD w/LIGHT
-0-	STREET SIGN
¢	LIGHT POLE
-0-	UTILITY POLE
0-	GUY POLE
\sim	GUY WIRE
Θ	MONITORING WELL
•	FLOOD LIGHT
(m)	WELL
WIL.	MARSH
4	FFF = 45.27'
	FINISHED FLOOR ELEVATION
CNO	COULD NOT OPEN
NPV	NO PIPES VISIBLE
DYL	DOUBLE YELLOW LINE
DWL	DASHED WHITE LINE
SYL	SINGLE WHITE LINE
LSA	LANDSCAPED AREA
	EDGE OF PAVEMENT
VGC	CONCRETE CURB
SGE	VERTICAL GRANITE CURB
BB	SLOPED GRANITE EDGE
BC	BITUMINOUS BERM
	BITUMINOUS CURB
<u> </u>	GUARD RAIL
-00	CHAIN LINK FENCE
	DRAINAGE LINE
	SEWER LINE
- OHW	OVERHEAD WIRE
E	UNDERGROUND ELECTRIC
—T —	TELEPHONE LINE
— G ———	GAS LINE
	WATER LINE
0000000	STONE WALL
	IREE LINE
	100-FT BUFFER ZONE
	100-FT RIVER FRONT AREA
200'RA	200-FT RIVER FRONT AREA
	LIMIT MEAN ANNUAL HIGH WATER
BF1-100	LIMIT OF BANK
WF1-100	VEGETATED WEILAND BOUNDARY

101 Walnut Street

Watertown, MA 02471

PO Box 9151

617.924.1770

156 Oak Street Newton, Massachusetts

June 4, 2018

	101 Walnut Street PO Box 9151
	Matartown MA 02471
	617.924.1770
I	egend
\bigcirc	DRAIN MANHOLE
	CATCH BASIN
S	SEWER MANHOLE
Ð	TELEPHONE MANHOLE
\odot	MANHOLE
ННЦ	HAND HOLE WATER GATE
ŏ	FIRE HYDRANT
0	GAS GATE
	STREET SIGN
¢.	LIGHT POLE
-0-	UTILITY POLE
0-	GUY POLE
\bigcirc	MONITORING WELL
	FLOOD LIGHT
\bigcirc	WELL
<u>str.</u>	MARSH
	F.F.L.=45.27 FINISHED FLOOR ELEVATION
CNO	COULD NOT OPEN
NPV	NO PIPES VISIBLE
DWL	DASHED WHITE LINE
SYL	SINGLE WHITE LINE
LSA	LANDSCAPED AREA
	CONCRETE CURB
SGE	VERTICAL GRANITE CURB
88	SLOPED GRANITE EDGE
BC	BITUMINOUS CURB
т <u>т</u>	GUARD RAIL
0-0-	CHAIN LINK FENCE
	SEWER LINE
	OVERHEAD WIRE
- Е	UNDERGROUND ELECTRIC
	GAS LINE
W	WATER LINE
	STONE WALL
3Z	100-FT BUFFER ZONE
00'RA	100-FT RIVER FRONT AREA
-200'RA	200-FT RIVER FRONT AREA
-100 -100 -100	LIMIT MEAN ANNUAL HIGH WATER
-100	VEGETATED WETLAND BOUNDARY