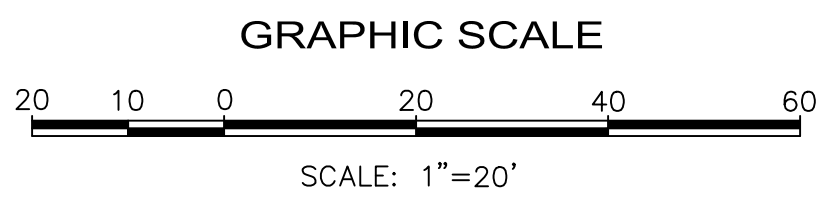
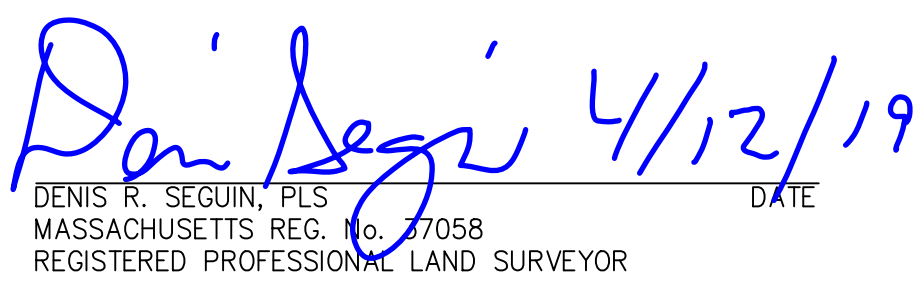


1. THIS DOCUMENT IS AN INSTRUMENT OF SERVICE OF NITSCHE ENGINEERING. IT IS ISSUED TO ARROWSTREET FOR PURPOSES RELATED DIRECTLY AND SOLELY TO NITSCHE ENGINEERING'S SCOPE OF SERVICES UNDER CONTRACT WITH ARROWSTREET FOR 15 WALNUT PARK, NEWTON, MA. ANY USE OR REUSE OF THIS DOCUMENT FOR ANY REASON BY ANY PARTY FOR PURPOSES UNRELATED DIRECTLY AND SOLELY TO SAID CONTRACT AND PROJECT SHALL BE AT THE USER'S SOLE AND EXCLUSIVE RISK AND LIABILITY, INCLUDING LIABILITY FOR VIOLATION OF COPYRIGHT LAWS, UNLESS WRITTEN AUTHORIZATION IS GIVEN THEREFORE BY NITSCHE ENGINEERING.
2. THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING SITE CONDITIONS AS THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY WHICH OCCURRED FEBRUARY 2019.
3. HORIZONTAL COORDINATES REFER TO MASSACHUSETTS STATE PLANE NAD83 BASED ON RTK GPS OBSERVATIONS.
4. ELEVATION REFERS TO NAVD83 VERTICAL BASED ON RTK GPS OBSERVATIONS.
5. THE INFORMATION CONTAINED ON THE DISK OR ELECTRONIC DRAWING FILE ACCOMPANYING THIS PLAN MUST BE COMPARED TO THE SEALED AND SIGNED HARD COPY OF THE PLAN TO ENSURE THE ACCURACY OF ALL INFORMATION AND TO ENSURE NO CHANGES, ALTERATIONS, OR MODIFICATIONS HAVE BEEN MADE. RELIANCE SHALL NOT BE MADE ON A DOCUMENT TRANSMITTED BY COMPUTER OR OTHER ELECTRONIC MEANS UNLESS FIRST CORROBORATED BY THE SEALED AND SIGNED HARD COPY OF THE PLAN. THE TITLE OF THE SURVEY, DATE OF THE NATURAL NATURE OF SURVEYING, DATA ACQUISITION, AND AUTOCAD PLAN DEVELOPMENT, IF CRITICAL DIMENSIONAL INFORMATION IS NEEDED AND IS NOT SPECIFICALLY SHOWN ON THE ELECTRONIC DRAWING FILE, PLEASE CONTACT NITSCHE ENGINEERING.
6. THIS SITE LIES IN ZONE X, AREA OF MINIMAL FLOOD HAZARD, AS SHOWN ON COMMUNITY PANEL NUMBER 250208 0552E, WITH AN EFFECTIVE DATE OF JUNE 4, 2010.

1. THE SUB-SURFACE UTILITY INFORMATION SHOWN HEREON IS COMPILED BASED ON FIELD SURVEY INFORMATION, RECORD INFORMATION AS SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES, AND PLAN INFORMATION SUPPLIED BY THE CLIENT, IF ANY. THEREFORE WE CANNOT GUARANTEE THE ACCURACY OF SAID COMPILED SUB-SURFACE INFORMATION TO ANY CERTAIN DEGREE OF STATED TOLERANCE. ONLY PHYSICALLY LOCATED SUB-SURFACE UTILITY FEATURES FALL WITHIN NORMAL STANDARD OF CARE ACCURACIES.
2. THE LOCATIONS OF UNDERGROUND PIPES, CONDUITS, AND STRUCTURES HAVE BEEN DETERMINED FROM SAID INFORMATION, AND ARE APPROXIMATE ONLY. COMPILED LOCATIONS OF ALL UNDERGROUND STRUCTURES, NOT VISIBLY OBSERVED AND LOCATED, CAN VARY FROM THEIR ACTUAL LOCATIONS.
3. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED.
4. THE STATUS OF UTILITIES, WHETHER ACTIVE, ABANDONED, OR REMOVED, IS AN UNKNOWN CONDITION AS FAR AS OUR COMPILATION OF THIS INFORMATION.
5. IT IS INCUMBERT UPON INDIVIDUALS USING THIS INFORMATION TO UNDERSTAND THAT COMPILING UTILITY INFORMATION IS NOT EXACT, AND IS SUBJECT TO CHANGE BASED UPON VARYING PLAN INFORMATION RECEIVED AND ACTUAL LOCATIONS.
6. THE ACCURACY OF MEASURED UTILITY INVERTS AND PIPE SIZES IS SUBJECT TO FIELD CONDITIONS, THE ABILITY TO MAKE VISUAL OBSERVATIONS, DIRECT CENTER TO THE VARIOUS ELEMENTS, AND OTHER MATTERS.
7. THE PROPER UTILITY ENGINEERING/COMPANY SHOULD BE CONSULTED AND THE ACTUAL LOCATIONS OF SUBSURFACE STRUCTURES SHOULD BE VERIFIED IN THE FIELD (V.I.F.) BEFORE ANY ATTEMPT IS MADE TO CONTACT THE DGS SAFE CALL CENTER AT 1-800-344-7233, SEVENTY-TWO HOURS PRIOR TO EXCAVATION, BLASTING, GRADING, AND/OR PAVING.
8. AS OF THE DATE OF THIS PLAN RECORD INFORMATION HAS NOT BEEN RECEIVED BY NITSCH ENGINEERING FOR THE FOLLOWING UTILITIES: A1&T SIENA, NEWTON FIRE ALARM, AND CENTURY LINK.

	CABLE	CATCH BASIN
	TELEVISION MANHOLE	CATCH TELEVISION MANHOLE
	DRAIN MANHOLE	DRAIN MANHOLE
	ELECTRIC MANHOLE	ELECTRIC MANHOLE
	MISCELLANEOUS MANHOLE	MISCELLANEOUS MANHOLE
	SEWER MANHOLE	SEWER MANHOLE
	TELEPHONE MANHOLE	TELEPHONE MANHOLE
	WATER MANHOLE	WATER MANHOLE
	GAS SHUT-OFF	GAS SHUT-OFF
	WATER SHUT-OFF	WATER SHUT-OFF
	GAS GATE	GAS GATE
	WATER GATE	WATER GATE
	IRRIGATION CONTROL VALVE	IRRIGATION CONTROL VALVE
	CLEANOUT	CLEANOUT
	FIRE HYDRANT	FIRE HYDRANT
	DOWN SPOUT	DOWN SPOUT
	UTILITY POLE	UTILITY POLE
	UTILITY POLE WITH CONDUIT LINE TO GROUND	UTILITY POLE WITH CONDUIT LINE TO GROUND
	LIGHT POLE	LIGHT POLE
	LIGHT BOLLARD	LIGHT BOLLARD
	HAND HOLE	HAND HOLE
	TRASH CAN	TRASH CAN
	FIRE ALARM CALL BOX	FIRE ALARM CALL BOX
	METAL POST	METAL POST
	CONCRETE POST	CONCRETE POST
	PARKING METER	PARKING METER
	SIGN POST	SIGN POST
	DECIDUOUS TREE WITH TRUNK DIAMETER	DECIDUOUS TREE WITH TRUNK DIAMETER
	CONIFEROUS TREE WITH TRUNK DIAMETER	CONIFEROUS TREE WITH TRUNK DIAMETER
	HANDICAP PARKING	HANDICAP PARKING
	SPOT ELEVATION	SPOT ELEVATION
	CHAIN LINK FENCE	CHAIN LINK FENCE
	BITUMINOUS CONCRETE BERM	BITUMINOUS CONCRETE BERM
	EDGE OF PAVEMENT	EDGE OF PAVEMENT
	VERTICAL GRANITE CURB	VERTICAL GRANITE CURB
	VENEER CONCRETE CURB	VENEER CONCRETE CURB
	C&G BERM	C&G BERM
	LANDSCAPE TIMBER	LANDSCAPE TIMBER
	RIM ELEVATION EQUALS	RIM ELEVATION EQUALS
	INVERT ELEVATION EQUALS	INVERT ELEVATION EQUALS
	TOP OF HOOD ELEVATION EQUALS	TOP OF HOOD ELEVATION EQUALS
	NO PIPES VISIBLE	NO PIPES VISIBLE
	TOP OF WATER	TOP OF WATER
	UNDERGROUND LOOP DETECTOR	UNDERGROUND LOOP DETECTOR
	DETACHABLE WARNING PANEL	DETACHABLE WARNING PANEL
	TOP OF WALL ELEVATION	TOP OF WALL ELEVATION
	UNDERGROUND CABLE TELEVISION LINE	UNDERGROUND CABLE TELEVISION LINE
	UNDERGROUND DRAIN LINE	UNDERGROUND DRAIN LINE
	UNDERGROUND ELECTRIC LINE	UNDERGROUND ELECTRIC LINE
	UNDERGROUND GAS LINE	UNDERGROUND GAS LINE
	UNDERGROUND SEWER LINE	UNDERGROUND SEWER LINE
	UNDERGROUND TELEPHONE LINE	UNDERGROUND TELEPHONE LINE
	UNDERGROUND WATER LINE	UNDERGROUND WATER LINE
	OVERHEAD WIRES	OVERHEAD WIRES
	MONITORING WELL	MONITORING WELL
	BENCH MARK	BENCH MARK



BENCH MARK:
SPK.SET IN UPL#539/14
ELEVATION=54.83'(NAVD88)
FIELD BOOK 741 PAGE 10
SET ON FEBRUARY 21, 2019

- Civil Engineering
- Land Surveying
- Transportation Engineering
- Structural Engineering
- Green Infrastructure
- Planning
- GIS

NEWTON, MASSACHUSETTS 02458

ARROWSTREET

10 POST OFFICE SQUARE, SUITE 700N, BOSTON, MA 02109

REV.	COMMENTS	DATE
REVISIONS		
PROJECT # 13033.1		
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SCALE: 1"=20'		
DATE: APRIL 2019		
DES./COMP: DRS		
FIELD BOOK: 741		
DRAFTED BY: MBP		
CHECKED BY:		

HEET: 1

F 2

REV



- ▶ Civil Engineering
- ▶ Land Surveying
- ▶ Transportation Engineering
- ▶ Structural Engineering
- ▶ Green Infrastructure
- ▶ Planning
- ▶ GIS

EXISTING CONDITIONS PLAN

15 WALNUT PARK
NEWTON, MASSACHUSETTS 02458

PREPARED FOR:

ARROWSTREET

10 POST OFFICE SQUARE, SUITE 700N, BOSTON, MA 02109

REV.	COMMENTS	DATE
REVISIONS		

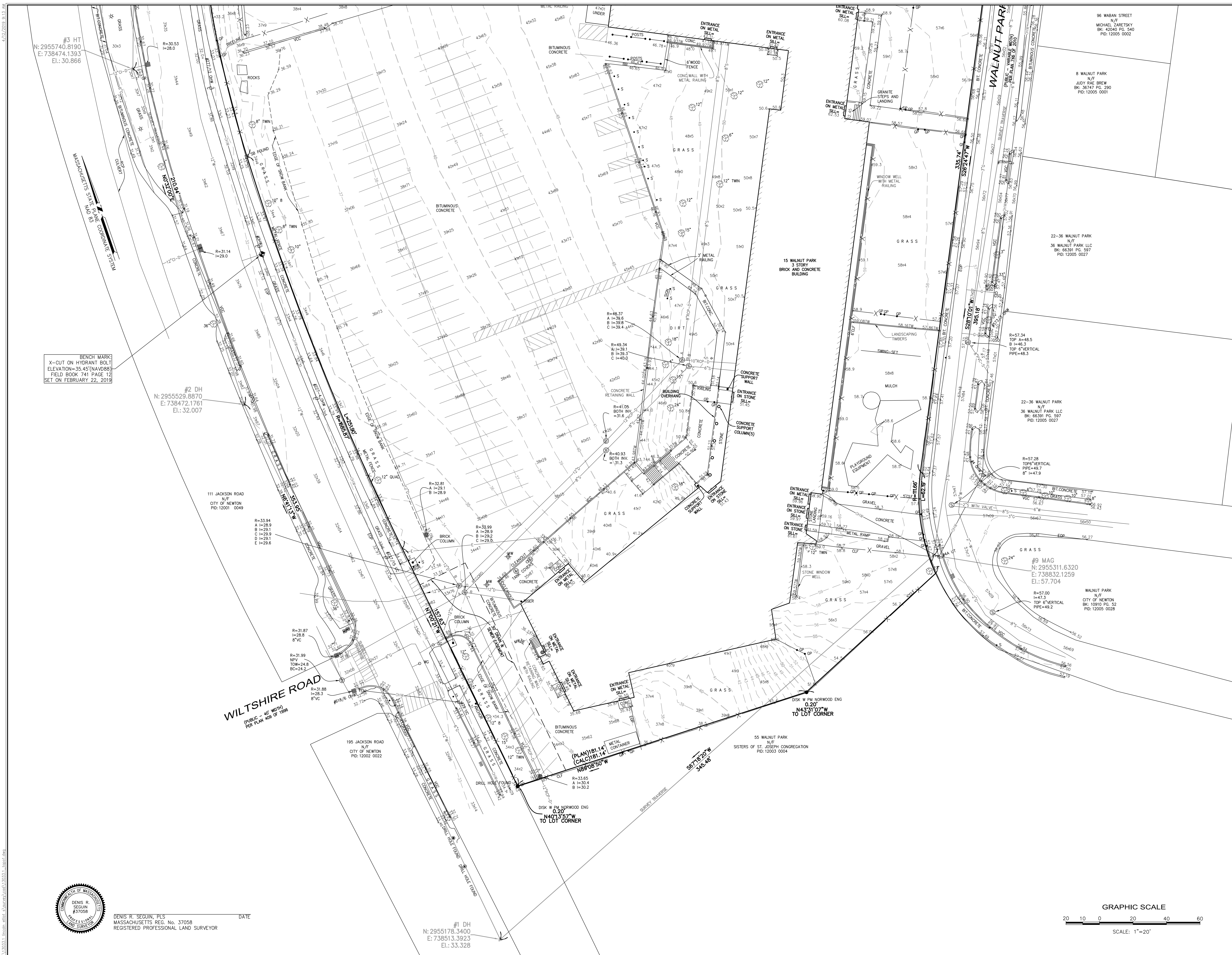
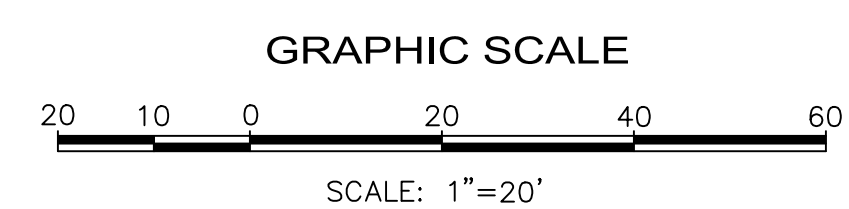
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DATE:	APRIL 2019
DES./COMP:	DRS
FIELD BOOK:	741
DRAWN BY:	MBP
CHECKED BY:	

SHEET:2

EX-2

OF 2

REV.



DENIS R. SEGUIN, PLS
MASSACHUSETTS REG. No. 37058
REGISTERED PROFESSIONAL LAND SURVEYOR

DATE _____

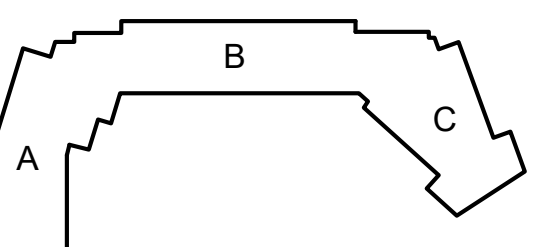
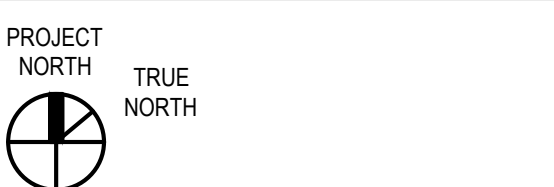
**Lincoln-Eliot
Elementary
School**

150 Jackson Road, Newton, MA
02458

SITE PLAN APPROVAL

TAMP:

REVISIONS:

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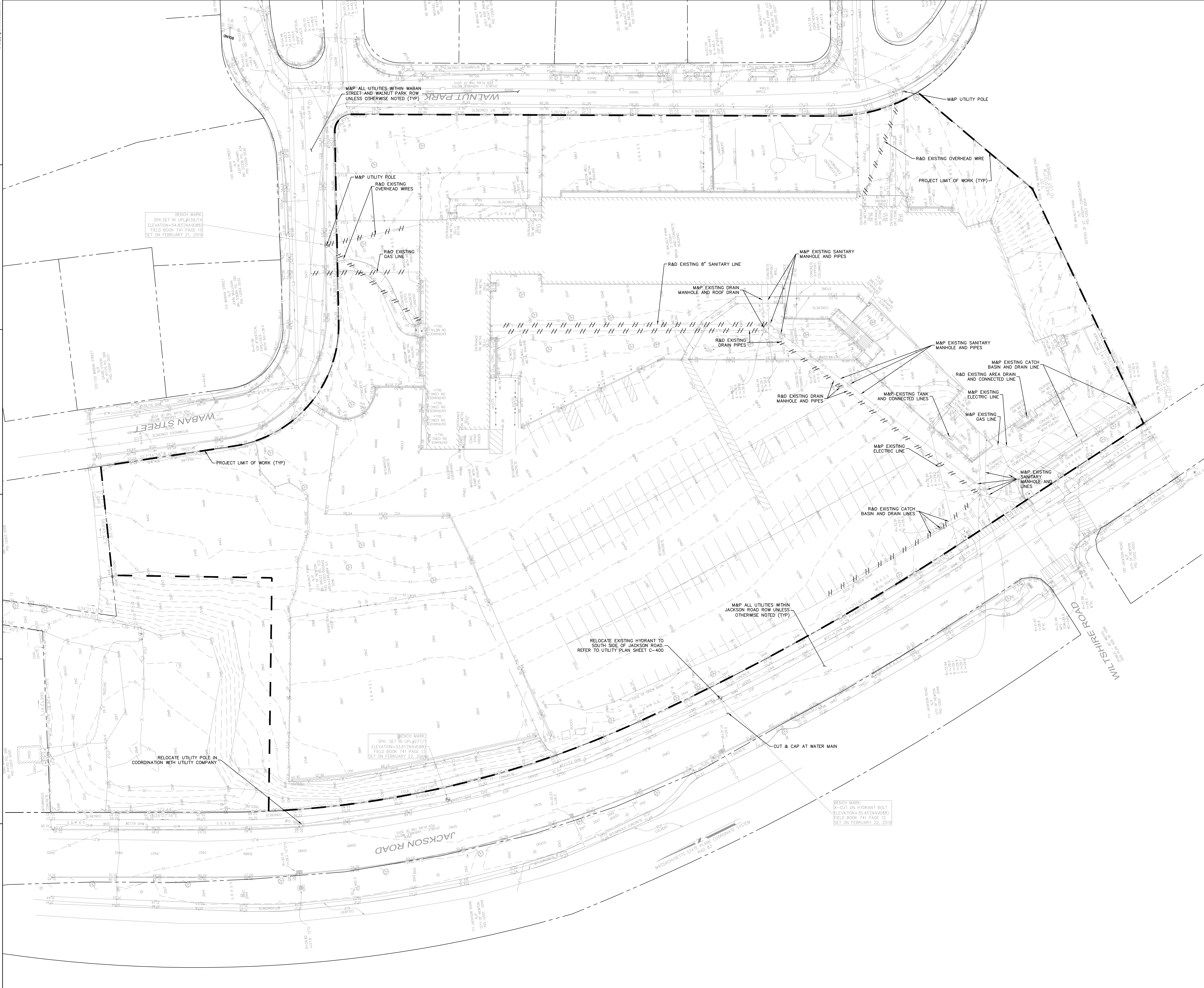
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Drawn By	BSR
Date	05/03/2022
Scale	AS NOTED

DRAWING NUMBER:

C-100

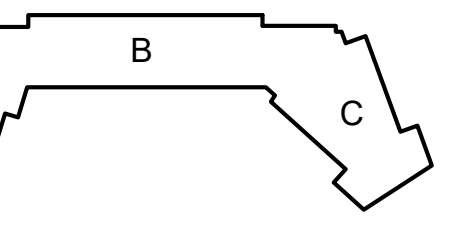


**Lincoln-Eliot
Elementary
School**

Jackson Road, Newton, MA
02458

E:

SITE PLAN APPROVAL

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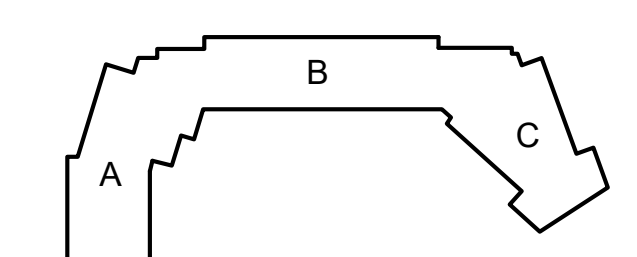
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DESIGN AND IMPLEMENTATION CONTROL PLAN

Contract No.	130333
Contract By	BSR
	05/03/2022
	AS NOTED

3 NUMBER:

C-200

[illegible]

CIVIL LAYOUT PLAN

Project No.	13033
Drawn By	BSR
Date	05/03/2022
Scale	AS NOTED

