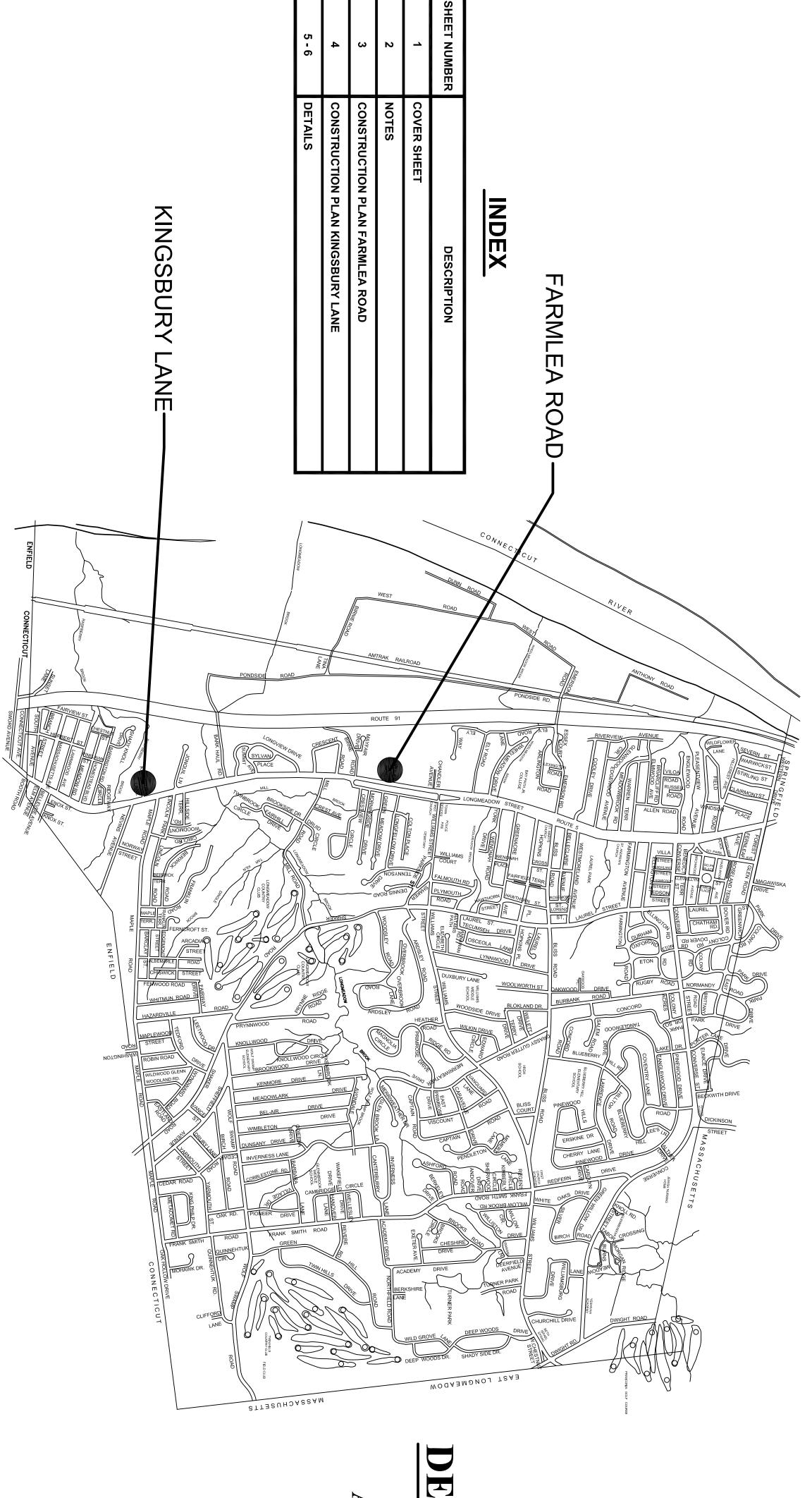
TOWN OF LO OJECT I S E I



THOMAS LACHIUSA
MARK P. GOLD
MARIE ANGELIDES
RICHARD FOSTER
WILLIAM LOW

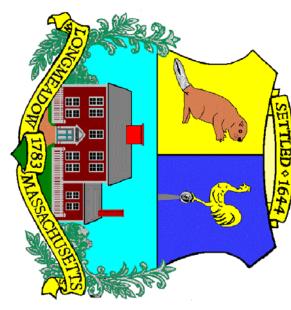
TOWN MANAGER
STEPHEN J. CRANE

EPARTMENT OF PUBLIC WORKS

MARIO MAZZA, DIRECTOR

ANDREW KRAR, P.E., TOWN ENGINEER

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COMPLETE SET 6 SHEETS

MARCH 2019

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- EXISTING UTILITY LOCATIONS ARE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL DETERMINE TH LOCATION OF UTILITIES BY TEST PIT OR OTHER METHOD WHERE REQUIRED. SECTIONS OF PROPOSED WATER MAY ADJUSTED BASED ON LOCATION AND DEPTH OF EXISTING UTILITIES. HE EXACT

 NY NEED TO BE
- <u>N</u> DURING THE INSTALLATION OF THE PROPOSED WATER MAIN, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO MAINTAIN EXISTING WATER SERVICES TO ALL PROPERTIES. DAMAGED WATER SERVICES SHALL BE REPAIRED IMMEDIATELY AT AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS TO ALL PROPERTIES WITHIN THE PROJECT AREA AT ALL TIMES.
- 4 ADJUSTMENTS TO THE PROPOSED WATER MAIN LAYOUT AND ELEVATIONS SHALL NOT BE CONSIDERED AS CAUSE FOR ADDITIONAL PAYMENTS. THE CONTRACTOR SHALL NOT MAKE PROPOSED WATER LAYOUT AND ELEVATION ADJUSTMENTS WITHOUT APPROVAL FROM THE ENGINEER.
- DAMAGE TO ALL UNDERGROUND AND OVERHEAD UTILITIES (I.E. WATER, SEWER, STORM CULVERTS, ELECTRIC, PET FENCES, ETC.)) IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS SHALL BE MADE BY THE CONTRACTOR OR UTILITY COMPANY AS APPLICABLE, AND AS ACCEPTABLE TO THE ENGINEER. NO COMPENSATION SHALL BE ALLOWED UNDER THIS CONTRACT FOR THE REPAIR OF UTILITIES IN THE PROJECT AREA.

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- 6 THE CONTRACTOR SHALL REMOVE AND REPLACE FENCES, MAILBOXES, CURBING, ETC. AS NECESSARY. CONDITION OF REPLACED ITEMS SHALL BE EQUAL OR BETTER THAN ORIGINAL CONDITION PRIOR TO REMOVAL.
- 7. SOME EXISTING WATER MAIN PIPE TO BE REPLACED IS ASBESTOS CONCRETE. CONTRACTOR IS RESPONSIBLE AND LEGAL DISPOSAL OF THE PIPE AND ANY ASSOCIATED APPURTENANCES. FOR THE REMOVAL
- ∞ PROPERTIES MAY HAVE ROOF/YARD DRAINS CONNECTED TO STORM DRAIN CULVERTS IN THE STREET. CONFIRM THEIR LOCATIONS PRIOR TO CONSTRUCTION. HE. CONT RACTOR SHALL
- 9 CONTRACTOR REQUIRED TO CONFIRM LOCATIONS OF IRRIGATION SYSTEMS WITH ALL HOMEOWNERS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. IF SPRINKLER SYSTEMS ARE DAMAGED DURING CONSTRUCTION, CONTRACTOR IS REQUIRED TO REPAIR AT HIS EXPENSE.
- <u>10.</u> THE PROPOSED WATER MAIN AND SERVICES SHALL HAVE A MINIMUM OF 5 FEET OF COVER. AT LOCATIONS WHERE GRADE CONFLICTS WITH EXISTING UNDERGROUND UTILITIES OR PIPES OCCUR, THE WATER MAIN SHALL BE INSTALLED DEEPER AS REQUIRED TO PROVIDE A MINIMUM OF 6" VERTICAL CLEARANCE BETWEEN THE WATER MAIN AND THE UTILITY PIPE EXCEPT FOR A SANITARY SEWER CROSSING WHERE THE WATER MAIN SHALL BE INSTALLED 18 INCHES ABOVE THE SANITARY SEWER.
- ALL FITTINGS SHALL HAVE MECHANICAL JOINTS AND RETAINER GLANDS. RESTRAINED JOINTS SHALL BE USED OBENDS AND FITTINGS. N BOTH SIDES OF
- 12. THE LOCATIONS OF SOME EXISTING WATER SERVICES ARE NOT KNOWN AND THEREFORE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL EXCAVATE TEST PITS OR USE OTHER MEANS TO DETERMINE THE LOCATION OF THESE SERVICES IN ORDER TO COMPLETE THE PROPOSED RECONNECTION.
- <u>3</u> ALL PROPOSED WATER SERVICES SHALL BE 1-1/2" DIAMETER COPPER UNLESS OTHERWISE NOTED. SERVICES SHALL BE INSTALLED TO THE NEW CURB STOP. NEW CURB STOPS SHALL BE PLACED AT THE SAME LOCATION AS THE EXISTING CURB STOP. HOWEVER, IN THE CASE WHERE AN EXISTING CURB STOP IS LOCATED IN THE ROAD, THE NEW CURB STOP SHALL BE POSITIONED APPROXIMATELY 2 FEET BEYOND THE SIDEWALK OR UP TO THE PROPERTY LINE WHERE NO SIDEWALK EXISTS. EXISTING SERVICE PIPING SHALL BE CAPPED ONCE SERVICE IS TRANSFERRED TO NEW MAIN.
- THE PROPOSED WATER MAIN SHALL BE FULLY TESTED AND DISINFECTED BEFORE TRANSFERRING HOUSE SERVICES.
- ASBESTOS CEMENT PIPE TO BE REMOVED AS A RESULT OF THIS PROJECT SHALL BE HANDLED, TRANSPORTED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE ASBESTOS ABATEMENT PROCEDURES AND REGULATIONS AS SPECIFIED IN SECTION 13281.

<u> 15.</u>

LEGEND

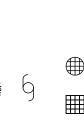
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EXISTING WATER VALVE CATCHBASIN PROPOSED WATER VALVE SANITARY MANHOLE HYDRANT STORM DRAIN MANHOLE





SHRUB

PROPOSED WATER LINE

EXISTING WATER LINE

EXISTING GAS LINE

TREE

UTILITY POLE

ASBESTOS CEMENT BITUMINOUS CONCRETE BOTTOM OF EXPLORATION LINED STEEL

CB C/L FEN CHIM CCL CO

FEBRUARY 2019

CONCRETE
CONCRETE WALK
COPPER
CORRUGATED METAL PIPE
CUT SPIKE

DIRT PILE
DRAIN MANHOLE
DUCTILE IRON
EASEMENT LINE ELEV
EDGE OF PAVEMENT
EROSION CONTROL

DATE:

RON PIPE MAIL BOX MANHOLE

IOUSE IYDRANT NVERT

UY WIRE

SHUT OFF CURB STOP
TEMPORARY BENCH MARK
TELEPHONE POLE
TRAFFIC CONTROL
UNDER CONSTRUCTION
UTILITY POLE
UTILITY STRUCTURE
UNDELINEATED WETLAND AF
VITRIFIED CLAY PIPE
WATER CATE REINFORCED CONCRETE RIGHT OF WAY ROCK PILE SANITARY MANHOLE STANDARD DIMENSION R RCP R.O.W. RP SMH SDR STA STA STA TP TC UC UC U.P. UT UVA VC WG

TER TIGHT COVER

NOTES

REVISIONS TOWN OF LONGMEADOW, MA NO. DATE **FARLMLEA ROAD & KINGSBURY LANE WATER MAIN IMPROVEMENTS**

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