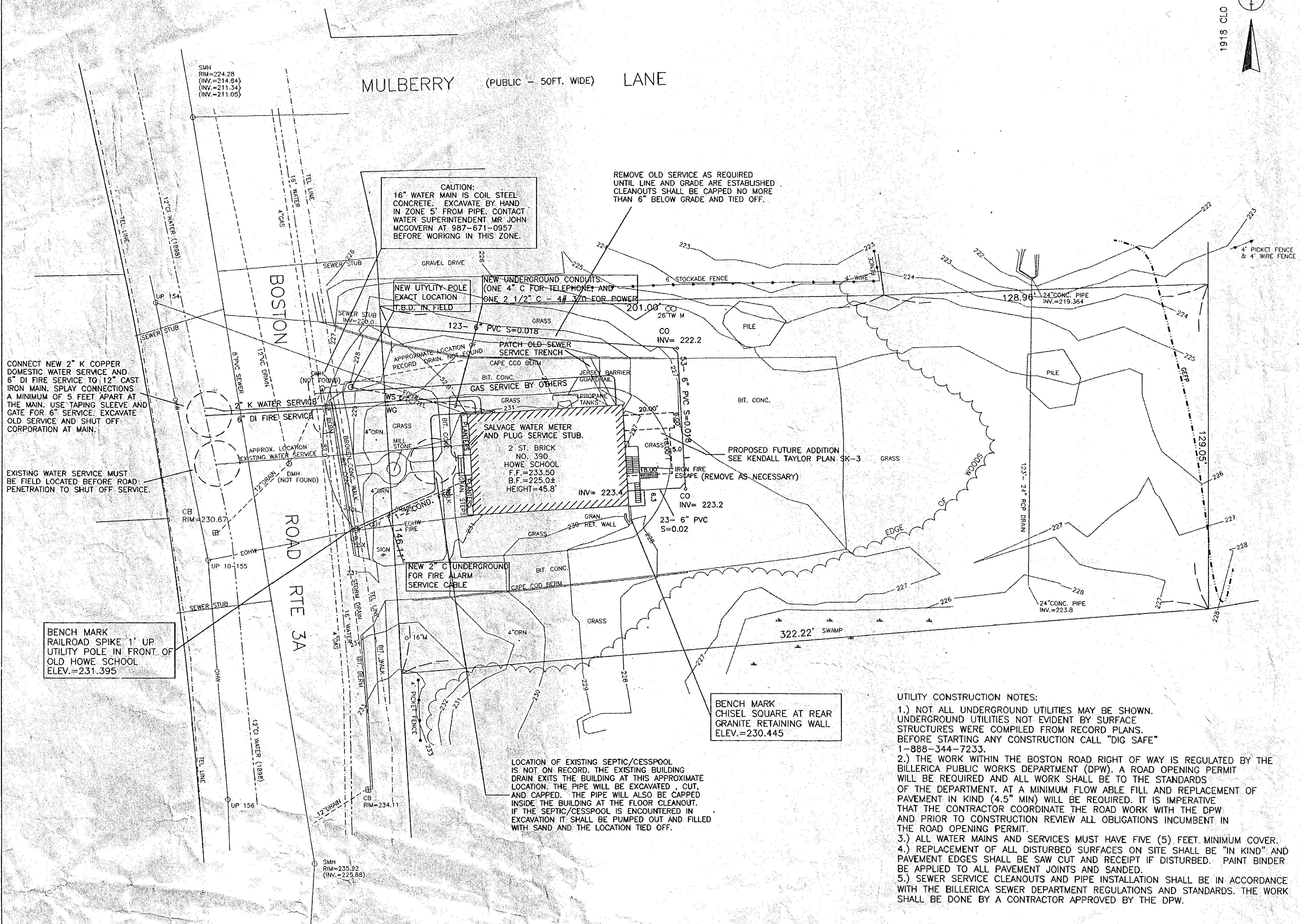


UTILITY REFERENCES:  
1.) NEW SEWAGE WORKS—CONTRACT 25 RECORD PLAN  
BOSTON ROAD BY FST DATED AUG. 1991.  
2.) WATER MAIN PLAN OF 1898.  
3.) 16" WATER MAIN PLAN. (UNKNOWN DATE)

NOTES:  
1.) TOPOGRAPHY WAS OBTAINED BY THE EDM/PRISM  
PCLE METHOD.  
2.) ELEVATIONS REFER TO NGVD 1929.  
BENCH MARK USED:  
DISK STAMPED "AA40" TOP STEP (RIGHT SIDE) AT  
TOWN HALL  
ELEV.=223.425  
3.) THE PROPERTY LINE SHOWN WAS COMPILED FROM  
PLANS AND DEEDS OF ABUTTING PROPERTIES AND CUT  
INTO 1918 COUNTY LAYOUT OF BOSTON ROAD. THIS  
COMPILATION DOES NOT NECESSARILY REPRESENT THE  
PROPERTY LINE, WITH THE EXCEPTION OF BOSTON ROAD  
SINCE IT WAS RECONSTRUCTED WITHOUT BENEFIT OF DEED.

LEGEND:

B.F.	BASEMENT FLOOR
BIT.	BITUMINOUS
CB	CATCH BASIN
CO	CLEAN OUT
COM	COMMUNICATION
CONC.	CONCRETE
COND	CONDUIT
DI	DUCTILE IRON PIPE (CLASS 52)
DMH	DRAIN MANHOLE
ELEC	ELECTRIC
F.F.	FIRST FLOOR
GEFP	GREEN ENGINEERING FLOOD PLAIN
GRAN.	GRANITE
INV.	INVERT
M	MAPLE
OHV	OVERHEAD WIRE
ORN.	ORNAMENTAL
PVC	POLYVINYL CHLORIDE PIPE (SDR 35)
RCP	REINFORCED CONCRETE PIPE
RET.	RETAINING WALL
SMH	SEWER MANHOLE
ST.	STORY
TW	TWIN
VC	VITRIFIED CLAY PIPE
WG	WATER GATE
WS	WATER SERVICE CURB SHUT OFF



UTILITY CONSTRUCTION NOTES:  
1.) NOT ALL UNDERGROUND UTILITIES MAY BE SHOWN. UNDERGROUND UTILITIES NOT EVIDENT BY SURFACE STRUCTURES WERE COMPILED FROM RECORD PLANS. BEFORE STARTING ANY CONSTRUCTION CALL "DIG SAFE" 1-888-344-7233.  
2.) THE WORK WITHIN THE BOSTON ROAD RIGHT OF WAY IS REGULATED BY THE BILLERICA PUBLIC WORKS DEPARTMENT (DPW). A ROAD OPENING PERMIT WILL BE REQUIRED AND ALL WORK SHALL BE TO THE STANDARDS OF THE DEPARTMENT. AT A MINIMUM FLOW ABLE FILL AND REPLACEMENT OF PAVEMENT IN KIND (4.5" MIN) WILL BE REQUIRED. IT IS IMPERATIVE THAT THE CONTRACTOR COORDINATE THE ROAD WORK WITH THE DPW. AND PRIOR TO CONSTRUCTION REVIEW ALL OBLIGATIONS INCUMBENT IN THE ROAD OPENING PERMIT.  
3.) ALL WATER MAINS AND SERVICES MUST HAVE FIVE (5) FEET MINIMUM COVER.  
4.) REPLACEMENT OF ALL DISTURBED SURFACES ON SITE SHALL BE "IN KIND" AND PAVEMENT EDGES SHALL BE SAW CUT AND RECEIPT IF DISTURBED. PAINT BINDER BE APPLIED TO ALL PAVEMENT JOINTS AND SANDED.  
5.) SEWER SERVICE CLEANOUTS AND PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE BILLERICA SEWER DEPARTMENT REGULATIONS AND STANDARDS. THE WORK SHALL BE DONE BY A CONTRACTOR APPROVED BY THE DPW.

ASSESSORS MAP 51, PARCEL 24  
NOONAN & MC DOWELL, INC.  
LAND SURVEYORS  
CIVIL ENGINEERS &  
ENVIRONMENTAL PLANNERS  
25 BRIDGE STREET, SUITE 6, BILLERICA, MA. 01821-1023  
(978) 687-9736

UTILITY CONNECTION  
PLAN  
IN  
BILLERICA, MA.  
(MIDDLESEX COUNTY)  
OLD HOWE SCHOOL SITE  
PREPARED FOR:  
TOWN OF BILLERICA  
365 BOSTON ROAD  
BILLERICA, MA. 01821



*Malcom Parker McDowell*  
6-27-02

SCALE 1IN=20FT

FEET	0	10	20	40	60
DATE:	JUNE 17, 2002				
COMP./DESIGN:	M.P. McDowell				
DRAWN:	J.A. ROBINSON				
CHK.M.P. McDowell	DWG. NO. 1799P1				
SHEET NO. 1 OF 1	JOB NO. 1799/002				

A-3-230