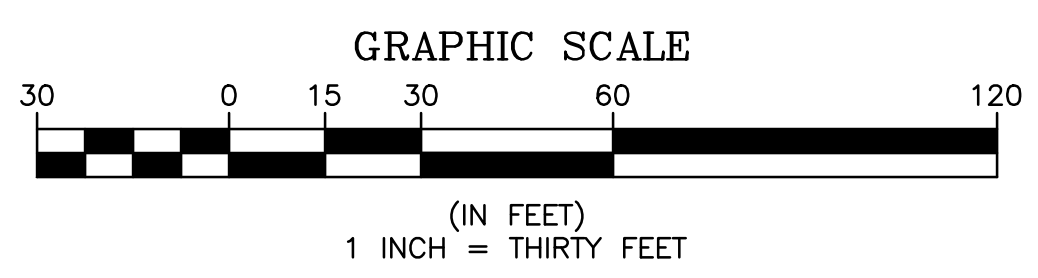


LEGEND

FLAGGED WETLAND (ESTABLISHED BY CLIENT)		K203	⊙ SANITARY SEWER MANHOLE	AC AIR CONDITIONER
CONTOUR (INDEX)		100	⊙ STORM DRAIN MANHOLE	GM GAS METER
CONTOUR (INTERMEDIATE)		103	⊙ TELECOMM MANHOLE	RCP REINFORCED CONCRETE PIPE
EDGE OF VEGETATION			⊙ UTILITY POLE W/GUY	CMP CORRUGATED METAL PIPE
CHAIN LINK FENCE			⊙ UTILITY POLE	PVC POLYVINYL CHLORIDE PIPE
EDGE OF PAVEMENT			⊙ LIGHTPOST	HDPE HIGH DENSITY POLYETHYLENE PIPE
PROPERTY LINE			⊙ G.G. GAS GATE	BIT. BITUMINOUS CONC.
ABUTTER LINE			⊙ GAS TEST BOX	
SANITARY SEWER		S	⊙ W.G. WATER GATE	
STORM DRAIN		D	⊙ HYDRANT	
WATER MAIN		W	⊙ SIGN	
UNDERGROUND ELECTRIC		E	⊙ MAILBOX	
UNDERGROUND TELEPHONE		T	⊙ XC1 CROSS SECTION FLAG (ESTABLISHED BY CLIENT)	
UNDERGROUND TELEVISION		TV	⊙ BUSH	
GAS LINE		G	⊙ CONIFEROUS TREE	
OVERHEAD ELECTRIC		OE	⊙ DECIDUOUS TREE	

X158.73 TOP = TOP OF SEDIMENT
 X157.93 BOTTOM = BOTTOM OF SEDIMENT (LOCATED AT REFUSAL)

- NOTES:**
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 2. HORIZONTAL DATUM IS NAD83. VERTICAL DATUM IS NAVD88. BOTH DATUMS WERE ESTABLISHED AT THIS SITE BY GPS METHODS. TEMPORARY VERTICAL BENCHMARKS WERE SET AND ARE AS SHOWN ON THIS PLAN.
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 4. PROPERTY LINES SHOWN ARE BASED ON MASS GIS DATA.
 5. ABUTTER INFORMATION SHOWN IS BASED ON SOUTH HADLEY'S ASSESSOR'S RECORDS AS SHOWN ON THE TOWNS WEB SITE.



NO.	DATE	BY	REVISIONS
1	10/21/22	KJM	ADDITIONAL BATHYMETRY & TOPOGRAPHY AROUND TITUS POND

SHERMAN & FRYDRYK
Land Surveying, Engineering & Scientists
 A DIVISION OF HANCOCK SURVEY ASSOCIATES, INC.
 3 Converse Street, Suite 203
 Palmer, MA 01069

FIELD WORK: KRP/ESJ
COMPS: KJM
DRAFTING: KJM
CHECKED: TRF
APPROVED: GGG

SCALE:
HORZ: 1"=20'
VERT: N/A
DATE: 01/24/2022

PARTIAL EXISTING CONDITIONS
QUEENSVILLE DAM/BATTERY BROOK

PLAN OF LAND IN SOUTH HADLEY, MA PREPARED FOR FUSS & O'NEILL

PROJECT NUMBER 21162
SHEET NUMBER 1 OF 4

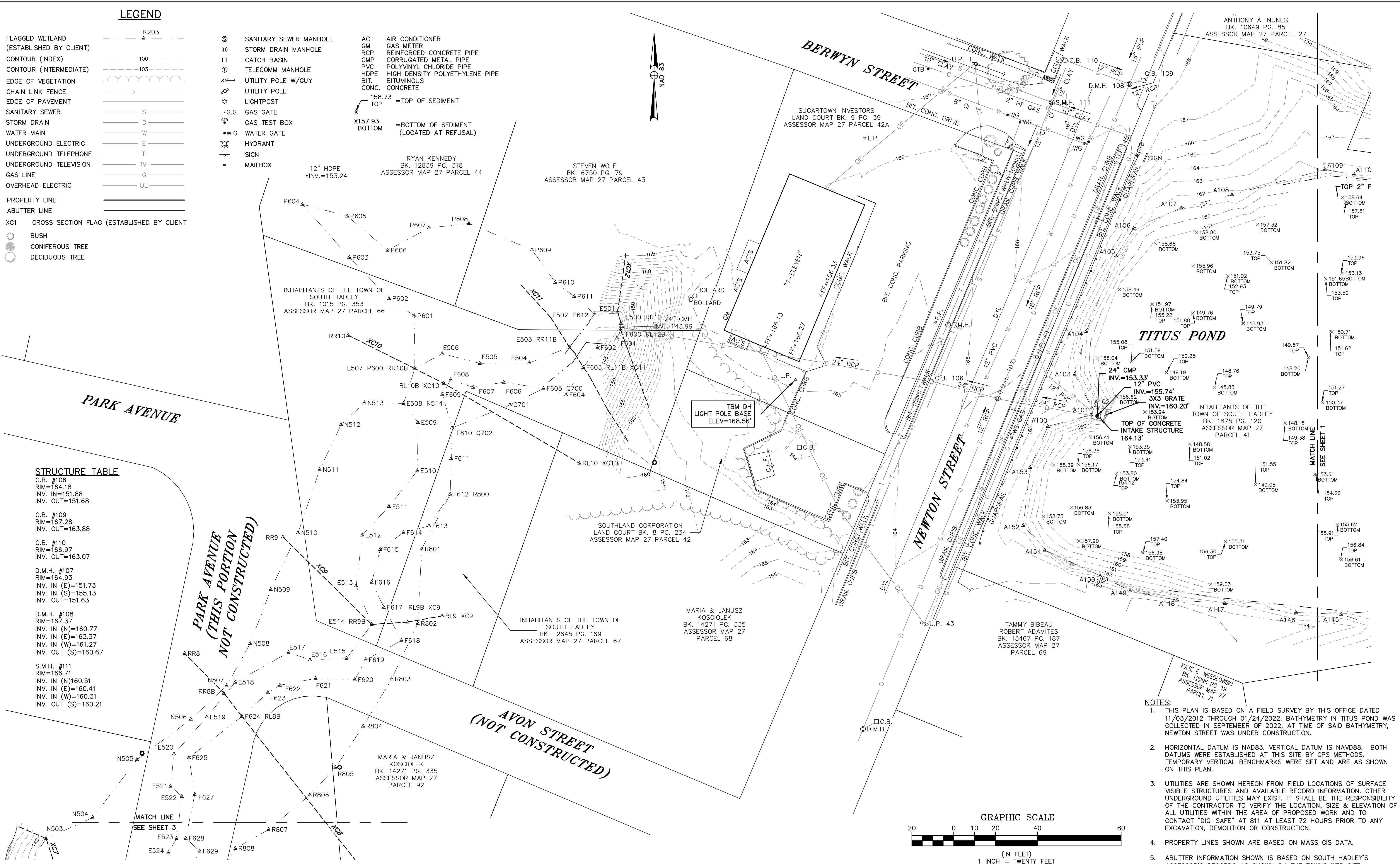
LEGEND

- FLAGGED WETLAND (ESTABLISHED BY CLIENT)
- CONTOUR (INDEX)
- CONTOUR (INTERMEDIATE)
- EDGE OF VEGETATION
- CHAIN LINK FENCE
- EDGE OF PAVEMENT
- SANITARY SEWER
- STORM DRAIN
- WATER MAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND TELEVISION
- GAS LINE
- OVERHEAD ELECTRIC
- PROPERTY LINE
- ABUTTER LINE
- XC1 CROSS SECTION FLAG (ESTABLISHED BY CLIENT)
- BUSH
- CONIFEROUS TREE
- DECIDUOUS TREE

- SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- CATCH BASIN
- TELECOMM MANHOLE
- UTILITY POLE W/GUY
- UTILITY POLE
- LIGHTPOST
- GAS GATE
- GAS TEST BOX
- WATER GATE
- HYDRANT
- SIGN
- MAILBOX
- AIR CONDITIONER
- GAS METER
- REINFORCED CONCRETE PIPE
- CORRUGATED METAL PIPE
- POLYVINYL CHLORIDE PIPE
- HIGH DENSITY POLYETHYLENE PIPE
- BITUMINOUS CONCRETE
- TOP OF SEDIMENT
- BOTTOM OF SEDIMENT (LOCATED AT REFUSAL)

STRUCTURE TABLE

C.B. #108	RIM=164.18	INV. IN=151.88	INV. OUT=151.68
C.B. #109	RIM=167.28	INV. OUT=163.88	
C.B. #110	RIM=166.97	INV. OUT=163.07	
D.M.H. #107	RIM=164.93	INV. IN (E)=151.73	INV. IN (S)=155.13
		INV. OUT=151.63	
D.M.H. #108	RIM=167.37	INV. IN (N)=160.77	INV. IN (E)=163.37
		INV. IN (W)=161.27	INV. OUT (S)=160.67
S.M.H. #111	RIM=166.71	INV. IN (N)=160.51	INV. IN (E)=160.41
		INV. IN (W)=160.31	INV. OUT (S)=160.21



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 3 Converse Street, Suite 203
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 APPROVED: GGG

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 HORZ: 1"=20'
 VERT: N/A
 DATE: 01/24/2022

PARTIAL EXISTING CONDITIONS
QUEENSVILLE DAM/BUTTERY BROOK

PLAN OF LAND IN SOUTH HADLEY, MA
 PREPARED FOR
FUSS & O'NEILL

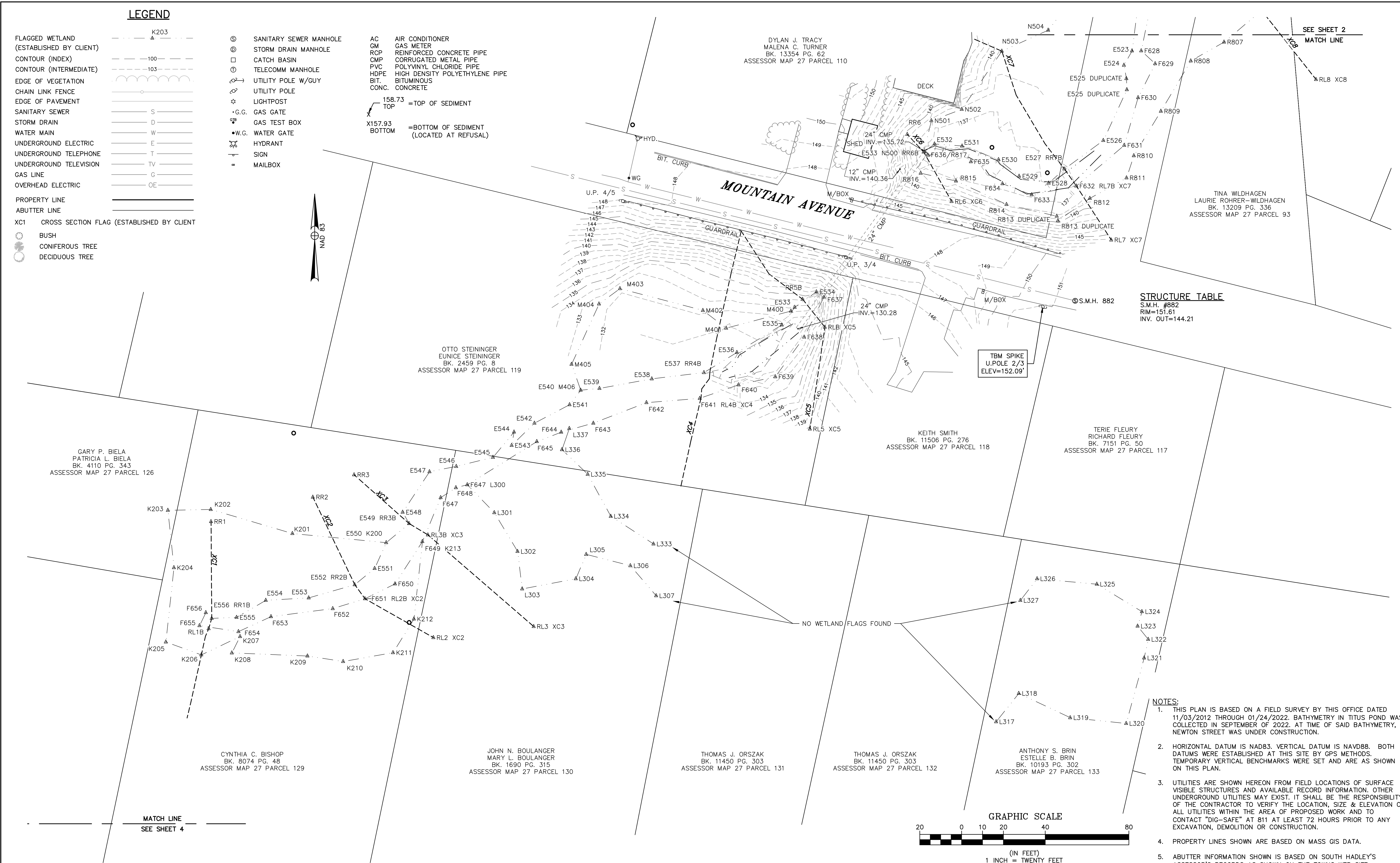
PROJECT NUMBER
 21162
SHEET NUMBER
 2 OF 4

LEGEND

- FLAGGED WETLAND (ESTABLISHED BY CLIENT)
- CONTOUR (INDEX)
- CONTOUR (INTERMEDIATE)
- EDGE OF VEGETATION
- CHAIN LINK FENCE
- EDGE OF PAVEMENT
- SANITARY SEWER
- STORM DRAIN
- WATER MAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND TELEVISION
- GAS LINE
- OVERHEAD ELECTRIC
- PROPERTY LINE
- ABUTTER LINE
- XC1 CROSS SECTION FLAG (ESTABLISHED BY CLIENT)
- BUSH
- CONIFEROUS TREE
- DECIDUOUS TREE

- ⊙ SANITARY SEWER MANHOLE
- ⊕ STORM DRAIN MANHOLE
- ⊖ CATCH BASIN
- ⊙ TELECOMM MANHOLE
- ⊙ UTILITY POLE W/GUY
- ⊙ UTILITY POLE
- ☆ LIGHTPOST
- +G.G. GAS GATE
- ⊙ GAS TEST BOX
- W.G. WATER GATE
- ⊙ HYDRANT
- ⊙ SIGN
- ⊙ MAILBOX

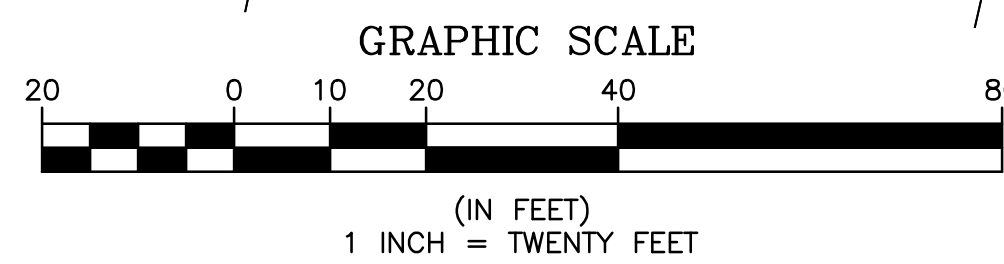
- AC AIR CONDITIONER
- GM GAS METER
- RCP REINFORCED CONCRETE PIPE
- CMP CORRUGATED METAL PIPE
- PVC POLYVINYL CHLORIDE PIPE
- HDPE HIGH DENSITY POLYETHYLENE PIPE
- BIT. BITUMINOUS
- CONC. CONCRETE
- X158.73 TOP = TOP OF SEDIMENT
- X157.93 BOTTOM = BOTTOM OF SEDIMENT (LOCATED AT REFUSAL)



STRUCTURE TABLE

S.M.H. #882
RIM=151.61
INV. OUT=144.21

TBM SPIKE
U. POLE 2/3
ELEV=152.09'



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DRAFTING: KJM
CHECKED: TRF
APPROVED: GGG

SCALE:
HORZ: 1"=20'
VERT: N/A
DATE: 01/24/2022

PARTIAL EXISTING CONDITIONS

QUEENSVILLE DAM/BUTTERY BROOK

**PLAN OF LAND IN
SOUTH HADLEY, MA
PREPARED FOR
FUSS & O'NEILL**

PROJECT NUMBER 21162
SHEET NUMBER 3 OF 4

LEGEND

- FLAGGED WETLAND (ESTABLISHED BY CLIENT)
- CONTOUR (INDEX)
- CONTOUR (INTERMEDIATE)
- EDGE OF VEGETATION
- CHAIN LINK FENCE
- EDGE OF PAVEMENT
- SANITARY SEWER
- STORM DRAIN
- WATER MAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND TELEVISION
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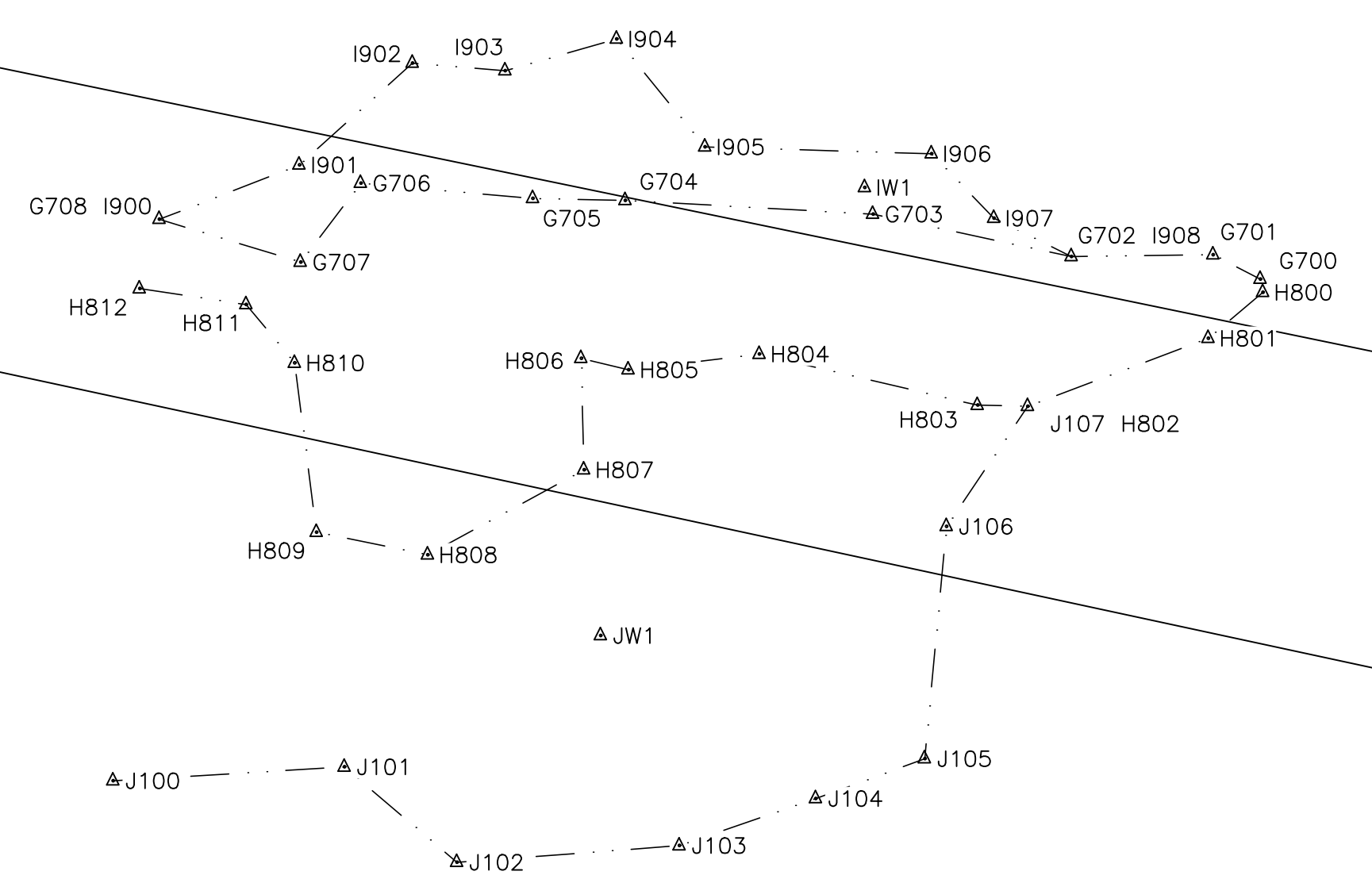
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- ⊕ SIGN
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- GM GAS METER
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SEE SHEET 3
MATCH LINE

DAVID WOJNAROWSKI
SHERYL WOJNAROWSKI
BK. 9466 PG. 75
ASSESSOR MAP 25 PARCEL 55



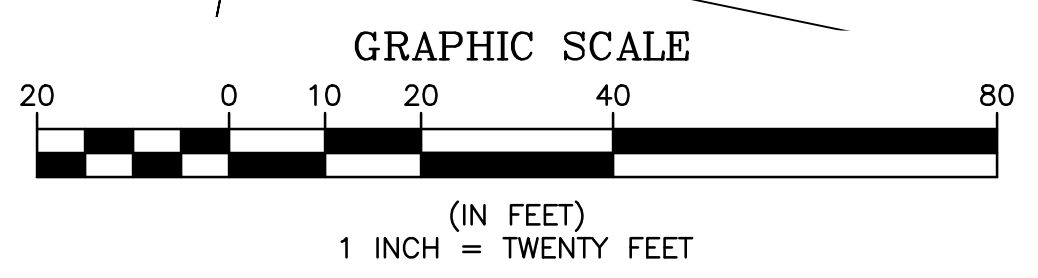
HAIG AVENUE
(NOT CONSTRUCTED)

VIVIANNI STREET
(NOT CONSTRUCTED)

HAIG AVENUE

TBM SPINDLE
HYDRANT
ELEV=130.04'

DAVID B. WILLIAMS
AMY M. WILLIAMS
BK. 10710 PG. 339
ASSESSOR MAP 25 PARCEL 64



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PLAN OF LAND IN
 SOUTH HADLEY, MA
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PROJECT NUMBER 21162
SHEET NUMBER 4 OF 4