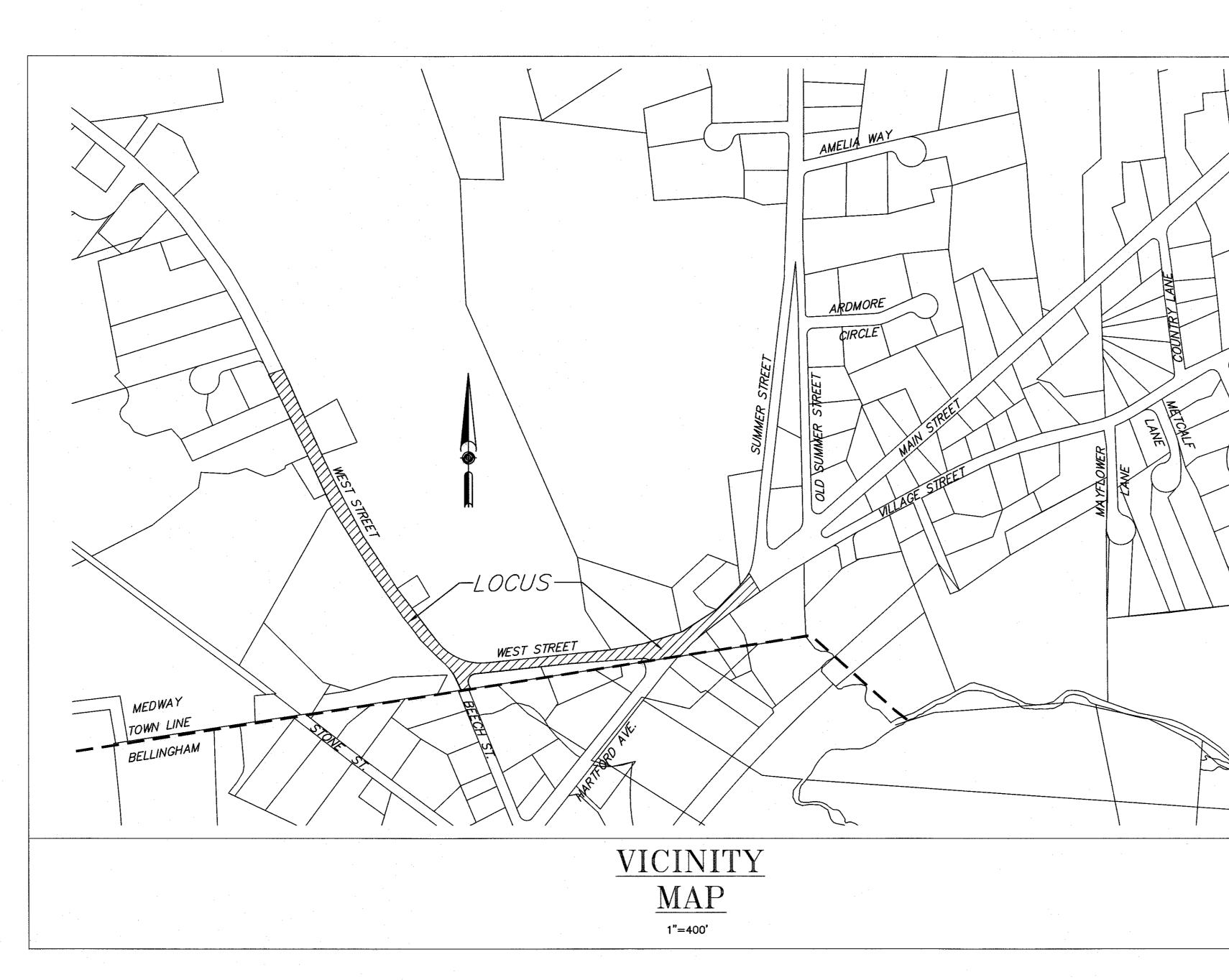
SIDEWALK AND ROADWAY IMPROVEMENT PLANS WEST STREET AND BEECH STREET MEDWAY MASSACHUSETTS

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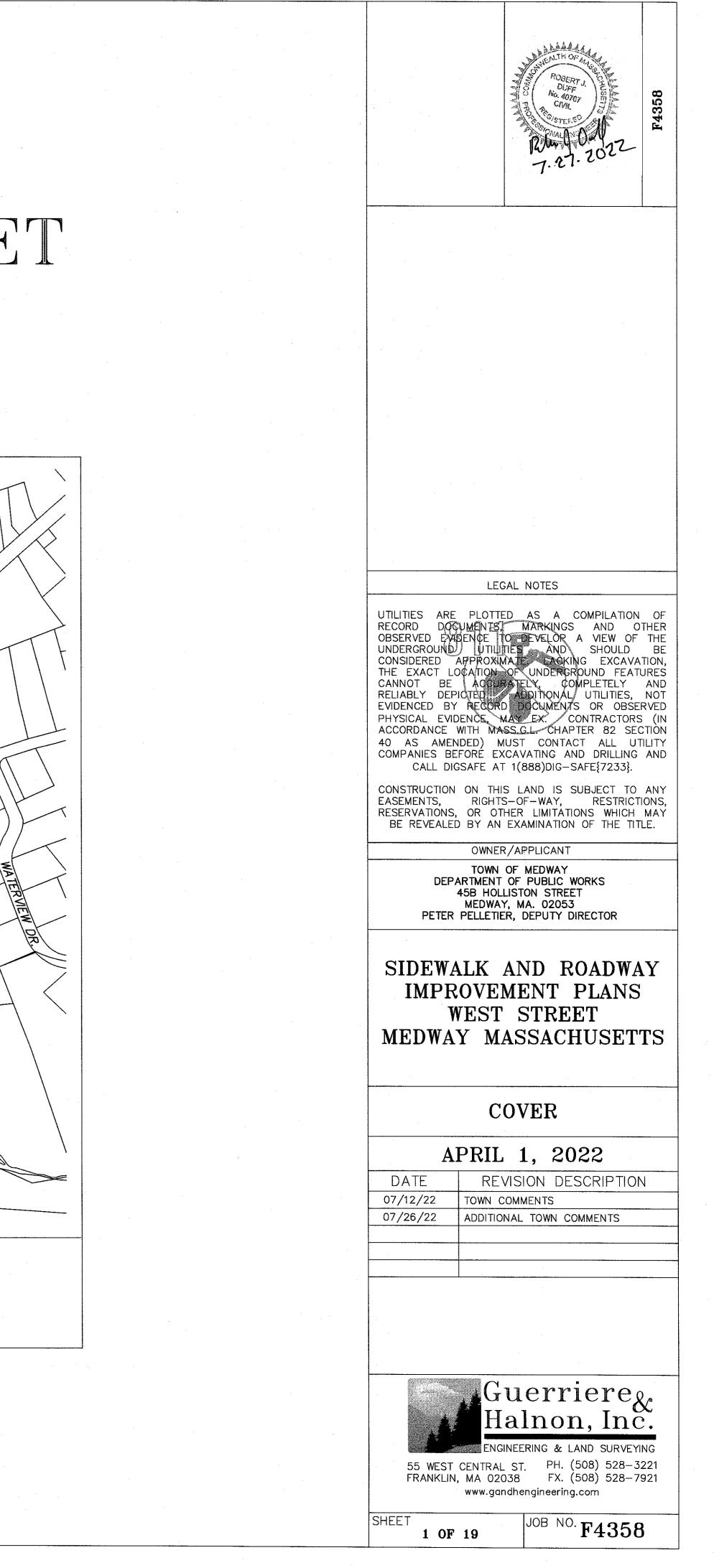
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TOWN OF MEDWAY DEPARTMENT OF PUBLIC WORKS



GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT DIG
- SAFE (811) PRIOR TO ANY EXCAVATION AT ANY LOCATION. 2. WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR. SUCH INFORMATION WILL BE IMMEDIATELY FURNISHED TO THE MEDWAY DPW.
- 3. THE MEDWAY DPW MAY ORDER TEST PITS TO DETERMINE UTILITY LOCATION ABOVE AND BEYOND THOSE SHOWN ON THE DRAWINGS.
- 4. THE CONTRACTOR SHALL COORDINATE HIS OPERATIONS AND MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, TELEPHONE, ELECTRIC AND OTHER PRIVATE UTILITIES BY THE RESPECTIVE UTILITY COMPANIES.
- AREAS OUTSIDE THE LIMITS OF THE PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE.
- FIELD CUT OPENINGS TO PRECAST CONCRETE STRUCTURES WILL NOT BE APPROVED WITHOUT PRIOR APPROVAL FROM THE MEDWAY DPW.
- 7. THE RIM AND GRATE AND FRAME AND COVER GRADES SHOWN ON THE PLAN ARE FOR THE CONTRACTOR'S CONVENIENCE. THE FINAL RIM AND GRATE GRADES SHALL MEET THE FINISH PAVEMENT GRADES IN ALL CASES.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AT HIS EXPENSE.
- NO HOT MIX ASPHALT SHALL BE PLACED AFTER NOVEMBER 15TH IN ANY YEAR OR BEFORE APRIL 1ST.
- 10. WHERE STEEL PLATES ARE UTILIZED EACH EDGE OF THE PLATES SHALL EITHER BE BEVELED OR PROTECTED BY A RAMP OF 3 FEET (3') HORIZONTALLY BY 1 INCH (1") VERTICAL. ANY TEMPORARY PATCHING MATERIAL MAY BE USED TO CONSTRUCT THE RAMPS. THE COST OF NECESSARY PATCHING MATERIALS AND THEIR MAINTENANCE AND REMOVAL WILL BE CONSIDERED INCIDENTAL TO THE PROJECT WORK WITH NO SEPARATE PAYMENT.
- 11. TEMPORARY TRENCH PATCHING SHALL BE INSTALLED AS DIRECTED BY THE MEDWAY DPW. TEMPORARY TRENCH PATCH SHALL CONSIST OF 4" OF TYPE I, BINDER COARSE **BITUMINOUS CONCRETE PAVEMENT ON 12-INCHES OF** GRAVEL SUBBASE ACCEPTABLE TO THE MEDWAY DPW
- 12. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN COVERAGE UNDER THE EPA'S CONSTRUCTION GENERAL PERMIT. THE CONTRACTOR SHALL PROVIDE PROOF OF SUCH COVERAGE TO THE TOWN OF MEDWAY DPW.
- 13. GRAVEL BORROW THAT MAY BE REQUIRED WITHIN FULL DEPTH CONSTRUCTION AREAS SHALL BE IN ACCORDANCE WITH THE MEDWAY DPW AND THE MASSDOT STANDARDS AND SPECIFICATIONS. FILL MATERIAL REQUIRED BENEATH THE HMA SIDEWALKS SHALL BE OBTAINED AS DIRECTED BY THE MEDWAY DPW.

ACCESSIBILITY NOTES -

- ALL SIDEWALKS AND ASSOCIATED CURB CUTS ARE CONSIDERED ACCESSIBLE ROUTES AND SHALL FULLY COMPLY WITH MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB), 521 CMR, AND THE AMERICANS WITH DISABILITIES ACT (ADA) RULES AND REGULATIONS.
- 2. AAB REGULATIONS DO NOT ALLOW ANY TOLERANCE ON SLOPE REQUIREMENTS. THE MAXIMUM SLOPES CANNOT BE EXCEEDED. IT IS RECOMMENDED THAT THE CONTRACTOR USE A DIGITAL LEVEL TO VERIFY SLOPE.
- CURB OR BERM UNLESS OTHERWISE NOTED.
- UNOBSTRUCTED PATH OF TRAVEL PAST ALL OBSTRUCTIONS (I.E. UTILITY POLES, SIGNS, FIRE HYDRANTS, ETC.).
- 5. UPON COMPLETION OF THE SITE WORK, THE CONTRACTOR SHALL CERTIFY IN WRITING TO THE TOWN THAT ALL ACCESSIBLE ROUTES INCLUDING ALL SIDEWALKS AND CURB CUTS HAVE BEEN CONSTRUCTED IN STRICT COMPLIANCE WITH THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD REGULATIONS 521 CMR.

SURVEY NOTES -

- EXISTING TOPOGRAPHY AND EXISTING CONDITIONS WAS THE RESULT OF AN ON THE GROUND SURVEY BY **GUERRIERE AND HALNON, INC.**
- 2. DURING THE COMPILATION OF THESE PLANS, ROADWAY IMPROVEMENTS BEGAN ALONG WEST STREET, HARTFORD STREET AND SUMMER STREET. AS A RESULT, EXISTING TOPOGRAPHY (ROADWAY, SIDEWALK AND DRIVEWAY) DETAILS AS SHOWN ON THE PLANS WERE OBTAINED FROM THE ROADWAY IMPROVEMENT PLANS PREPARED BY PROFESSIONAL SERVICES CORPORATION, PC, DATED FEBRUARY 2021 (CONTRACT 2021-BMRI).

UTILITY NOTES -

- ALL UTILITIES SHALL BE CONSTRUCTED TO STATE AND
- LOCAL RULES AND REGULATIONS. 2. ALL WATER MATERIALS AND TESTING REQUIREMENTS
- WATER AND SEWER DEPARTMENT.
- 3. CONTRACTOR IS TO VERIFY EXISTING UTILITIES LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.

SIDEWALKS SHALL BE 5 FEET WIDE NOT INCLUDING ANY

4. SIDEWALKS SHALL PROVIDE A MINIMUM 36 INCHES CLEAR,

SHALL BE IN ACCORDANCE WITH THE TOWN OF MEDWAY

EROSION CONTROL NOTES:

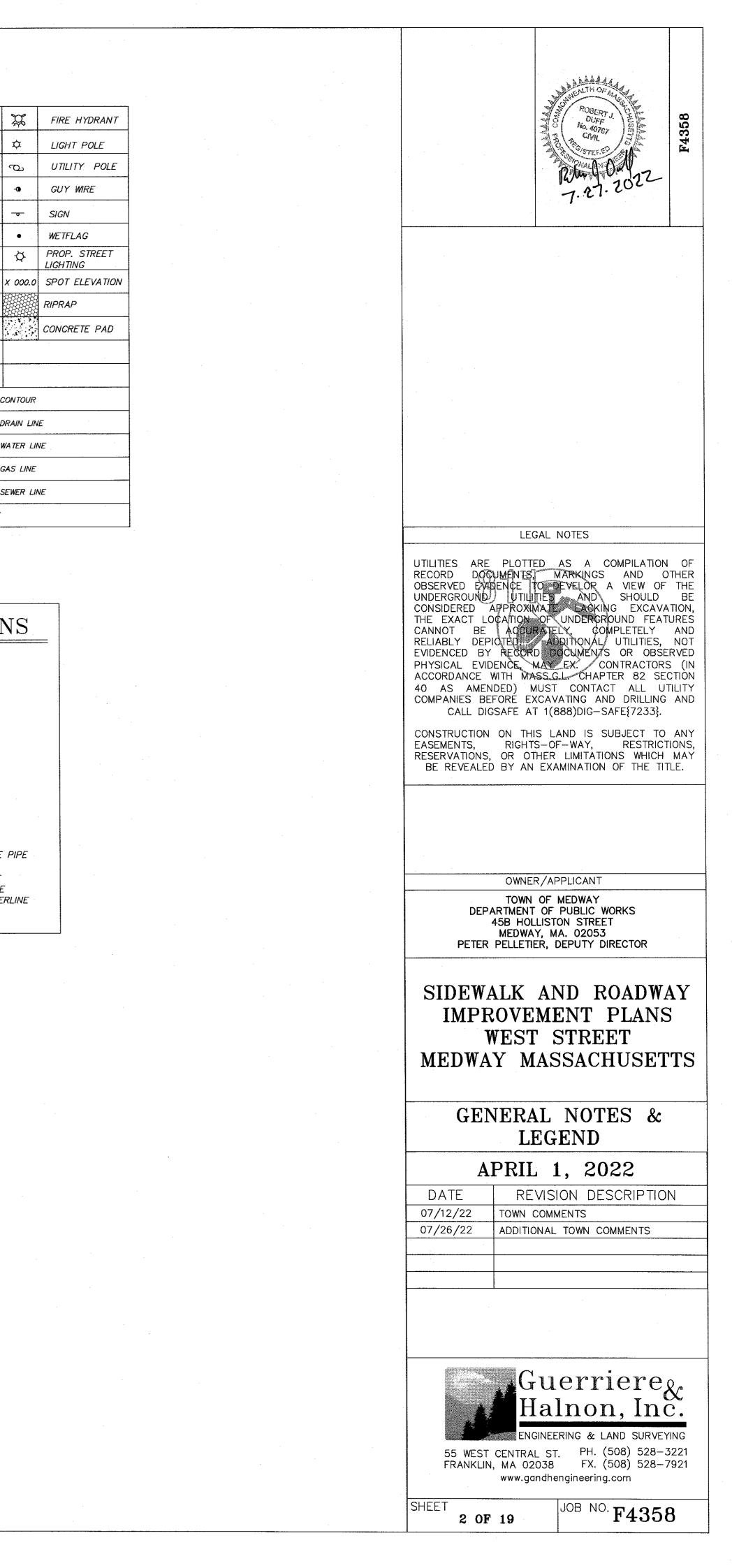
- 1. TAKE EVERY PRECAUTION TO MINIMIZE AND CONTROL EROSION WITHIN THE PROJECT LIMITS.
- 2. INSTALL SILT SACKS.
- 3. INSTALL BARRIER AROUND CATCH BASIN, MULCH SOCK OR EQUAL
- 4. INSPECTIONS BEFORE AND AFTER STORM EVENTS ARE REQUIRED TO INSURE ADEQUACY OF EROSION CONTROL MEASURES.
- STOCK PILE AREAS TO BE CONTAINED USING EROSION CONTROL DEVICES
- 6. LIMIT OF DISTURBANCE WILL BE REVIEWED BY THE MEDWAY DPW BEFORE ANY CONSTRUCTION BEGINS.
- STOCKPILES OF EXCAVATED MATERIALS AND EXPOSED CUT AND FILL SLOPES SHALL BE KEPT TO MINIMUM GRADIENTS WHENEVER POSSIBLE. THESE AREAS SHALL BE PROTECTED WITH HAY, MULCH, GRASS SEED OR COMBINATION OF THE ABOVE TO SLOW DOWN THE RATE OF SURFACE RUN-OFF AND TO REDUCE THE VOLUME OF SUSPENDED SOLIDS IN THE RUN OFF WATER.
- 8. SILTATION BARRIERS SHALL BE STAKED IN PLACE DOWN GRADIENT FROM ALL EXPOSED AREAS OR MATERIAL STORAGE AREAS IN ORDER TO REDUCE THE AMOUNT OF SUSPENDED SOLIDS IN RUNOFF WATER. THE EXACT LOCATION OF THE SILTATION BARRIERS MAY VARY FROM THAT SHOWN ON THE PLANS AND MAY BE ADJUSTMENT IN THE FIELD AS WORK PROGRESSES. SEDIMENTATION BUILDUP OVER SIX INCHES IN DEPTH THAT ACCUMULATES BEHIND THE SILTATION BARRIERS SHALL BE REMOVED. BARRIERS SHALL BE CHECKED AFTER EVERY STORM AND AT
- REGULAR WEEKLY INTERVALS. SILTATION BARRIER SHALL BE INSTALLED WITH WOODEN STAKES IN ACCORDANCE WITH MANUFACTURER DIRECTIONS. BOTTOM 6 INCHES OF FABRIC SHALL BE TOED IN OR BACKFILLED SO THAT TOP OF FABRIC SHALL BE 2 FEET 6 INCHES ABOVE FINISH GRADE.
- 10. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE LOAMED (4" MIN.) AND SEEDED IN ORDER TO MINIMIZE DUST AND EROSION.
- 11. FILTER FABRIC IS TO BE PLACED UNDER ALL RIP-RAP AREAS SHOWN ON DESIGN PLANS.
- 12. EROSION CONTROL BARRIERS ARE TO BE PLACED PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
- 13. ALL TEMPORARY SEDIMENT POND(S) AND SUMPS ARE TO BE MAINTAINED THROUGHOUT CONSTRUCTION, INSPECTED PRIOR TO AND AFTER STORM EVENTS AND CLEANED AS NEEDED.

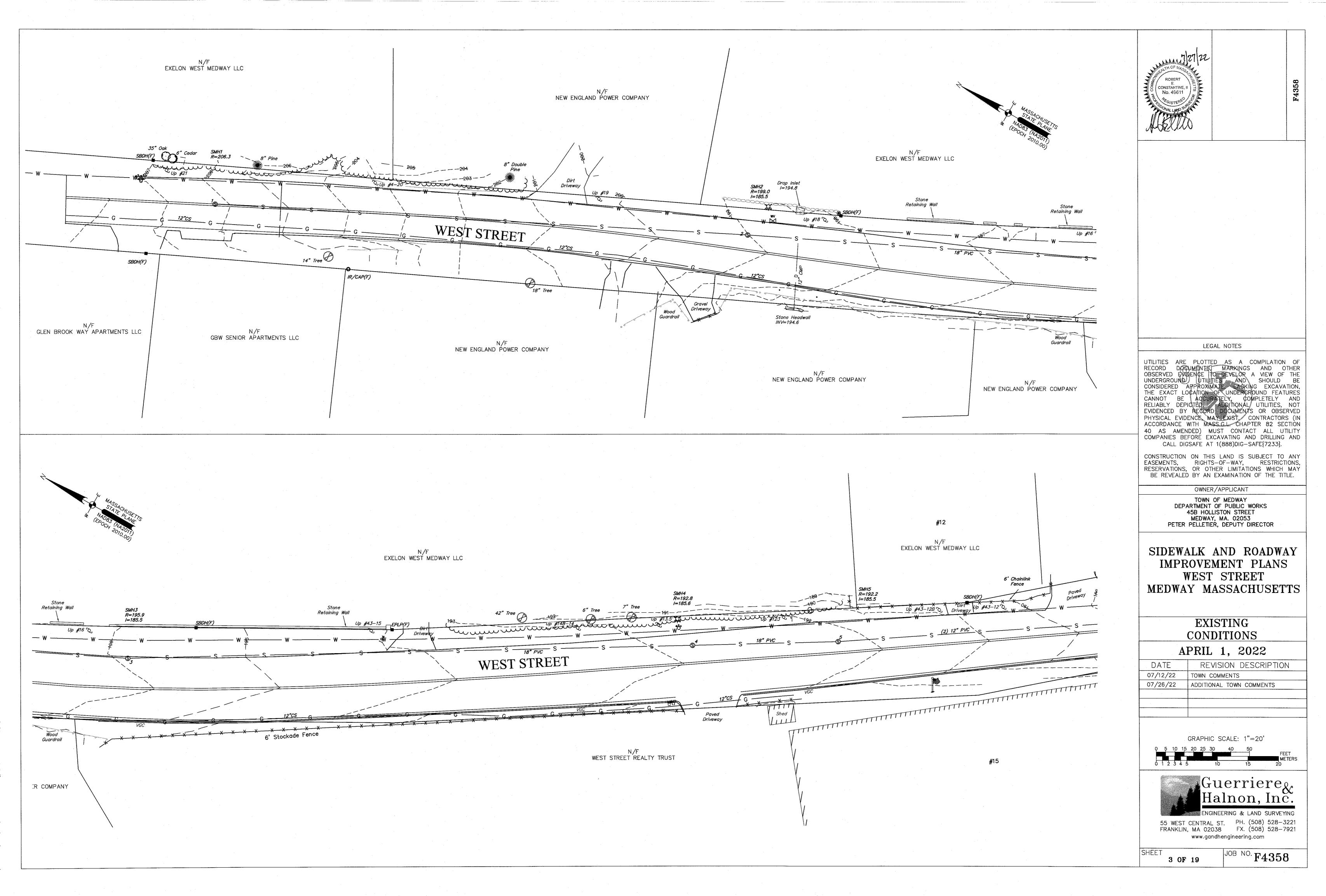
LEGEND

· · · ·		
	CATCH BASIN	-
0	DRAIN MANHOLE	
Ē	ELECTRIC MANHOLE	
S	SEWER MANHOLE	
0	MANHOLE	
GV	GAS VALVE	
GM	GAS METER	
Š	GAS SHUT OFF VALVE	-
wv M	WATER VALVE	
*ô°	WATER SHUT OFF VA	LVE
	STONE BOUND FOUND	· · · · · · · · · · · · · · · · · · ·
·	ESCUTCHEON PIN/LEA	D PLUG
	000	EXISTING C
	D	EXISTING DI
	W	EXISTING W
	— G ———	EXISTING G
	S	EXISTING SI
······································		TREE LINE

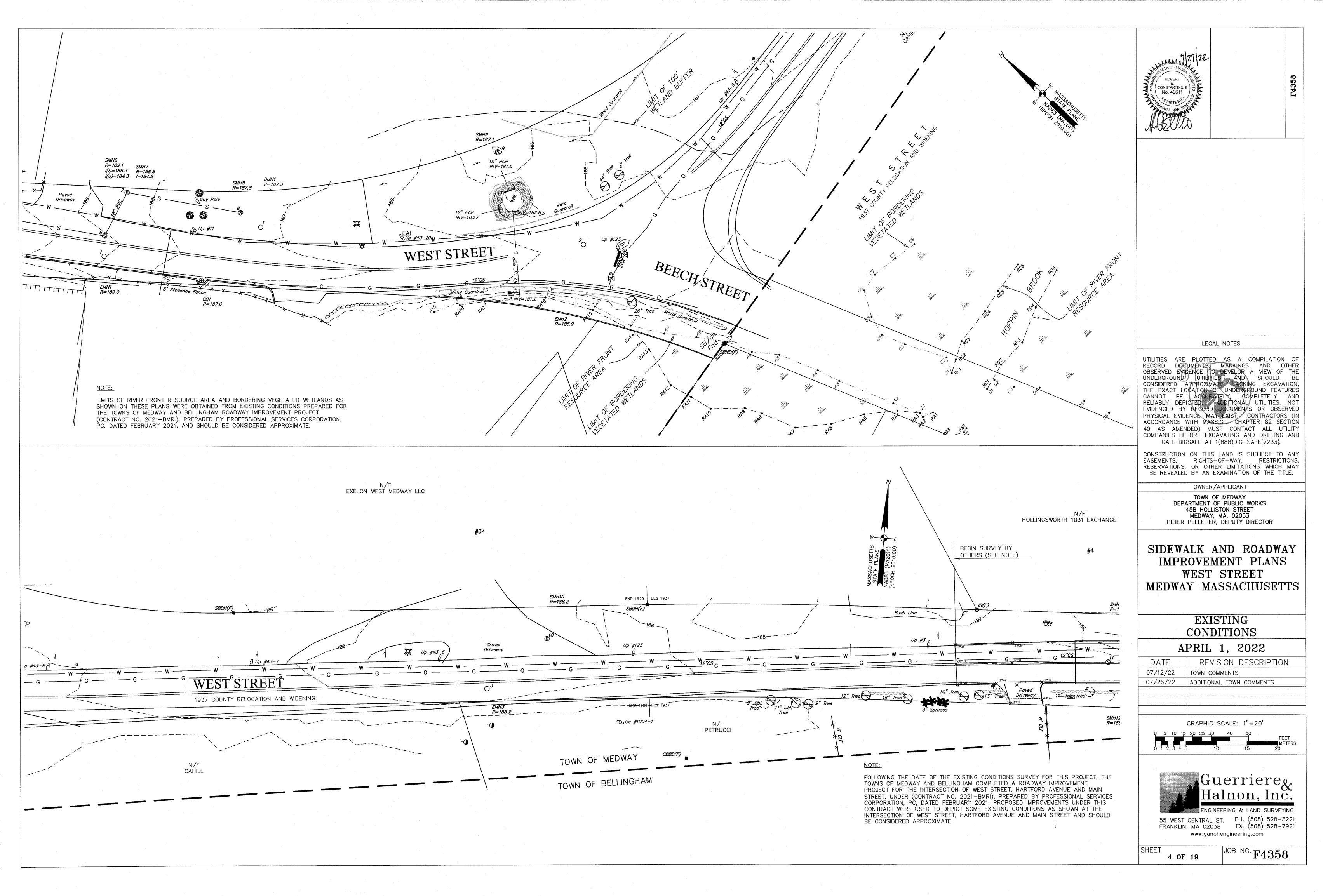
ABBREVIATIONS ADJUST ADJ. TYP. TYPICAL

EX.	EXISTING
PR.	PROPOSED
TRANS.	TRANSITION
UP	UTILITY POLE
EOP	EDGE OF PAVEMENT
GRAN.	GRANITE
VERT.	VERTICAL
REL.	RELOCATE
R&R	REMOVE AND RESET
ABAN.	ABANDON
CONC.	CONCRETE
DMH	DRAINAGE MANHOLE
CB	CATCH BASIN
RCP	REINFORCED CONCRETE
REM.	REMOVE
BIT.	BITUMINOUS CONCRETE
SWEL	SOLID WHITE EDGE LINE
DYCL	DOUBLE YELLOW CENTER
SL	STOP LINE
SMH	SEWER MANHOLE

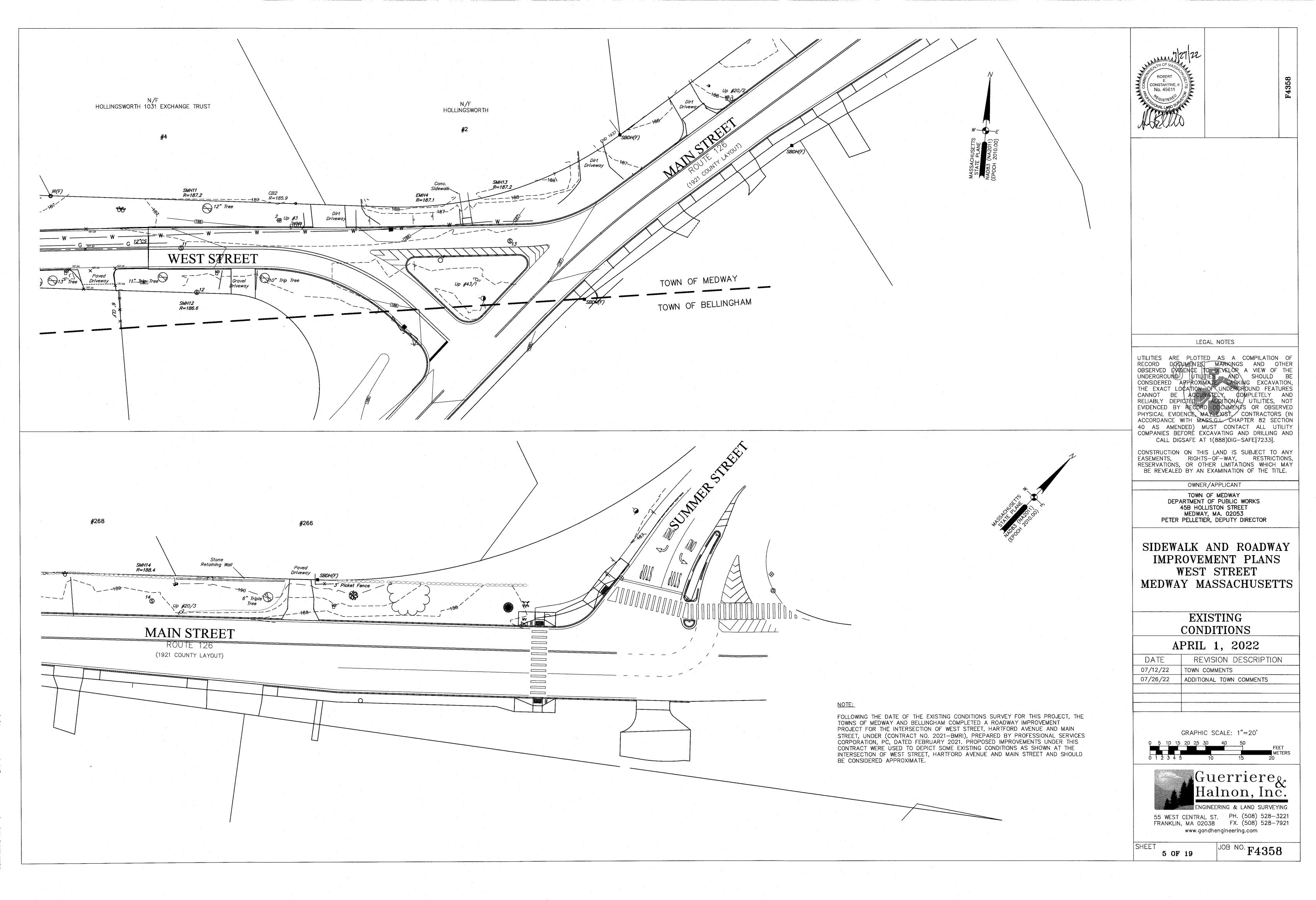


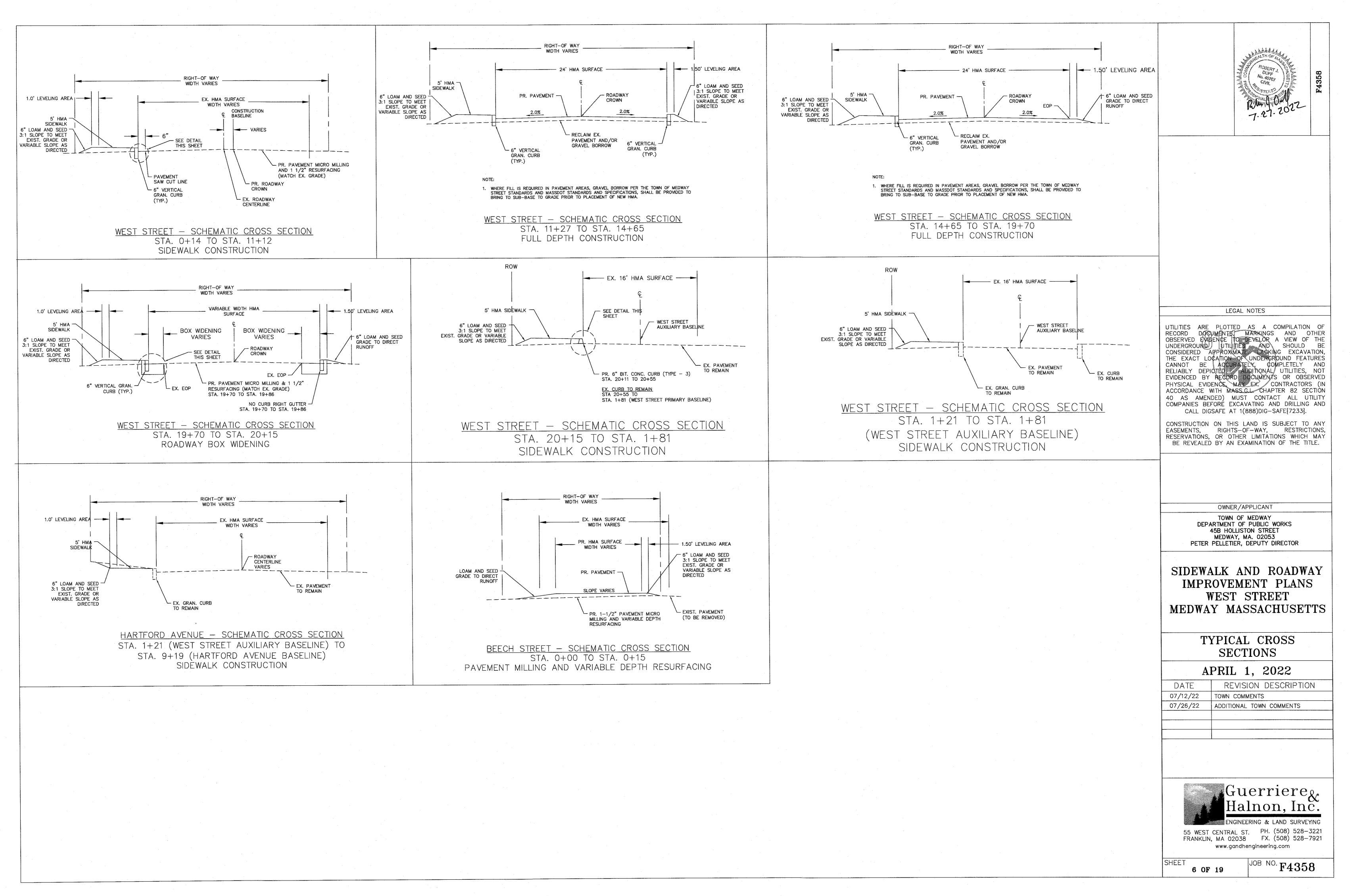


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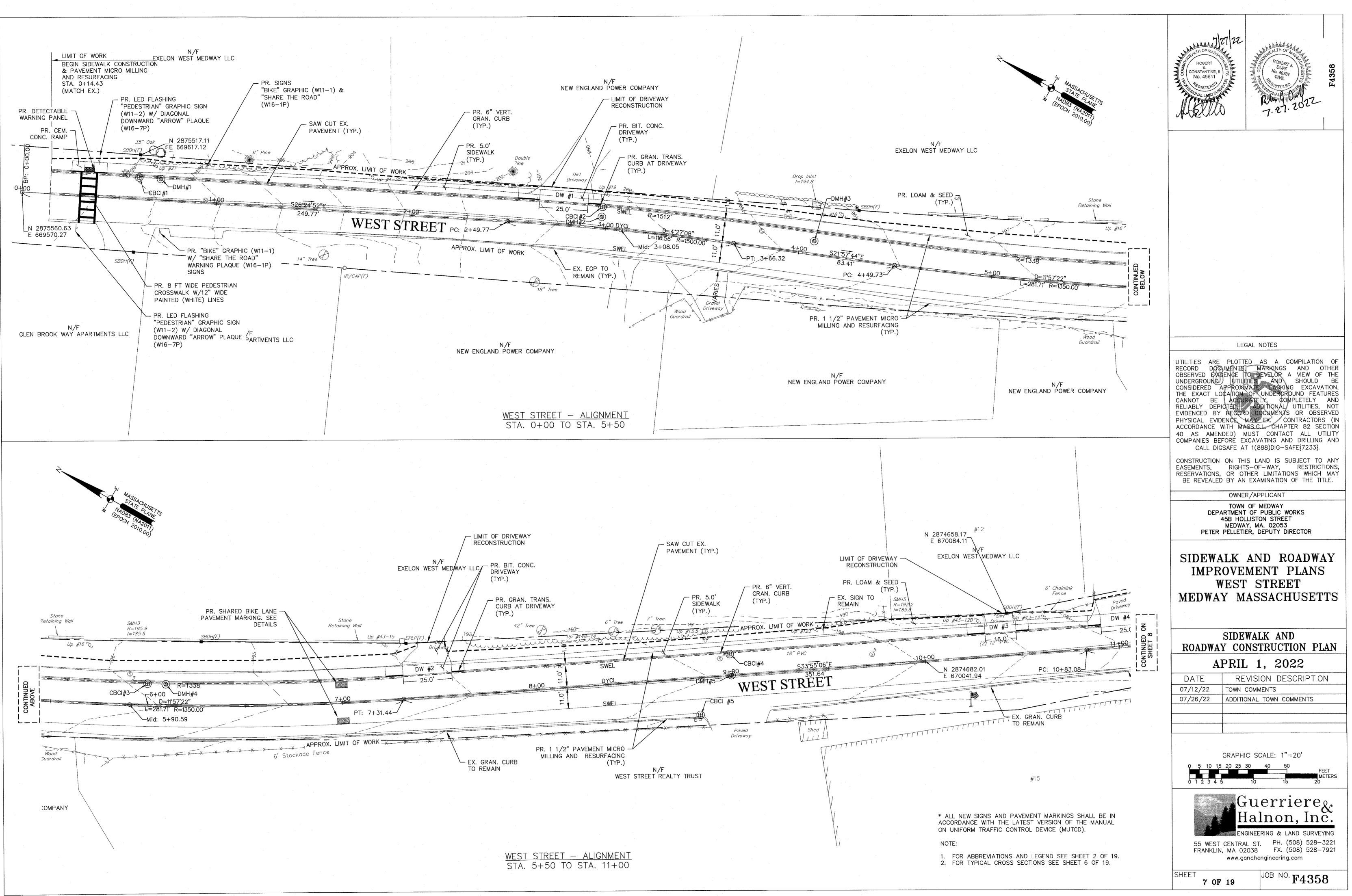


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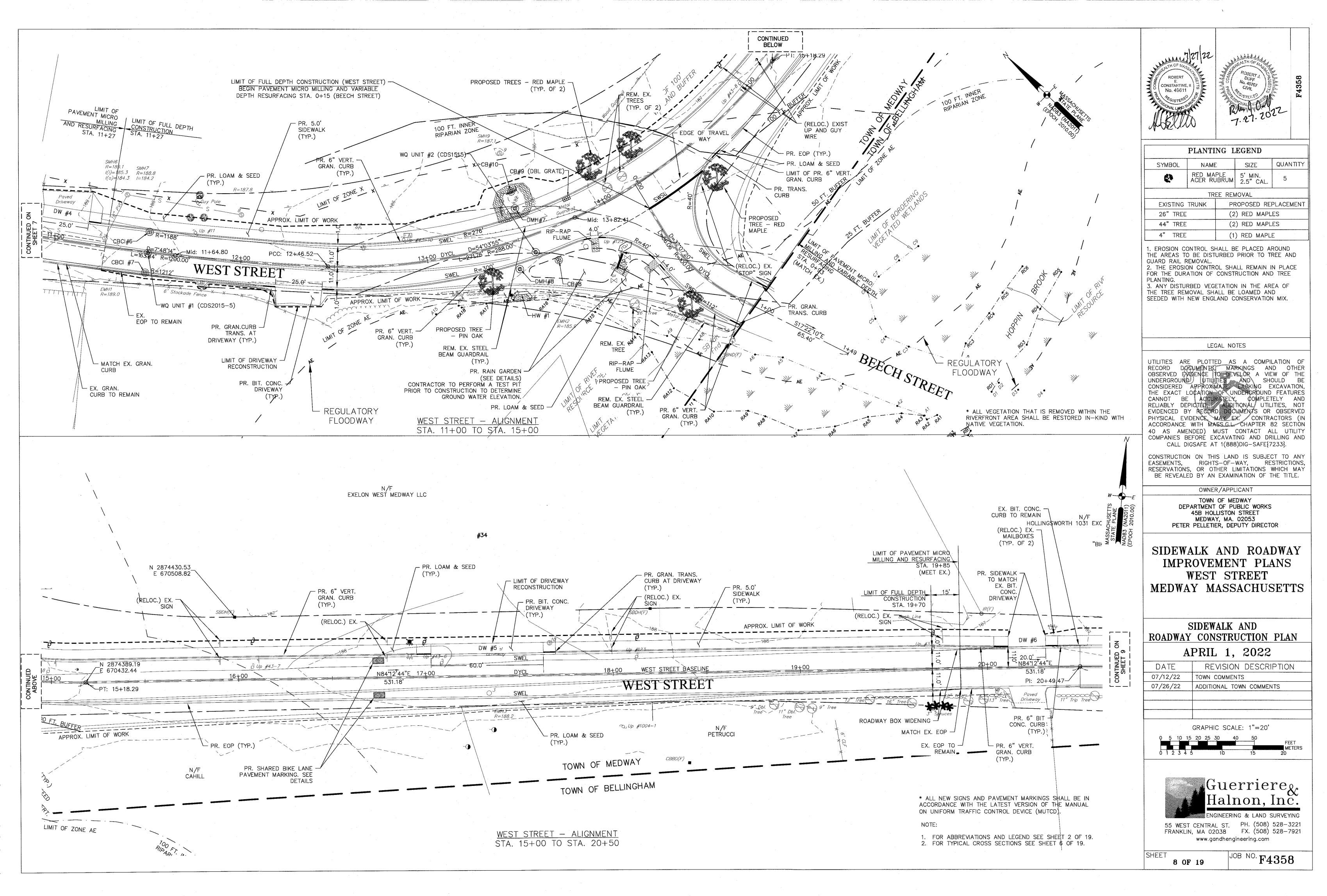


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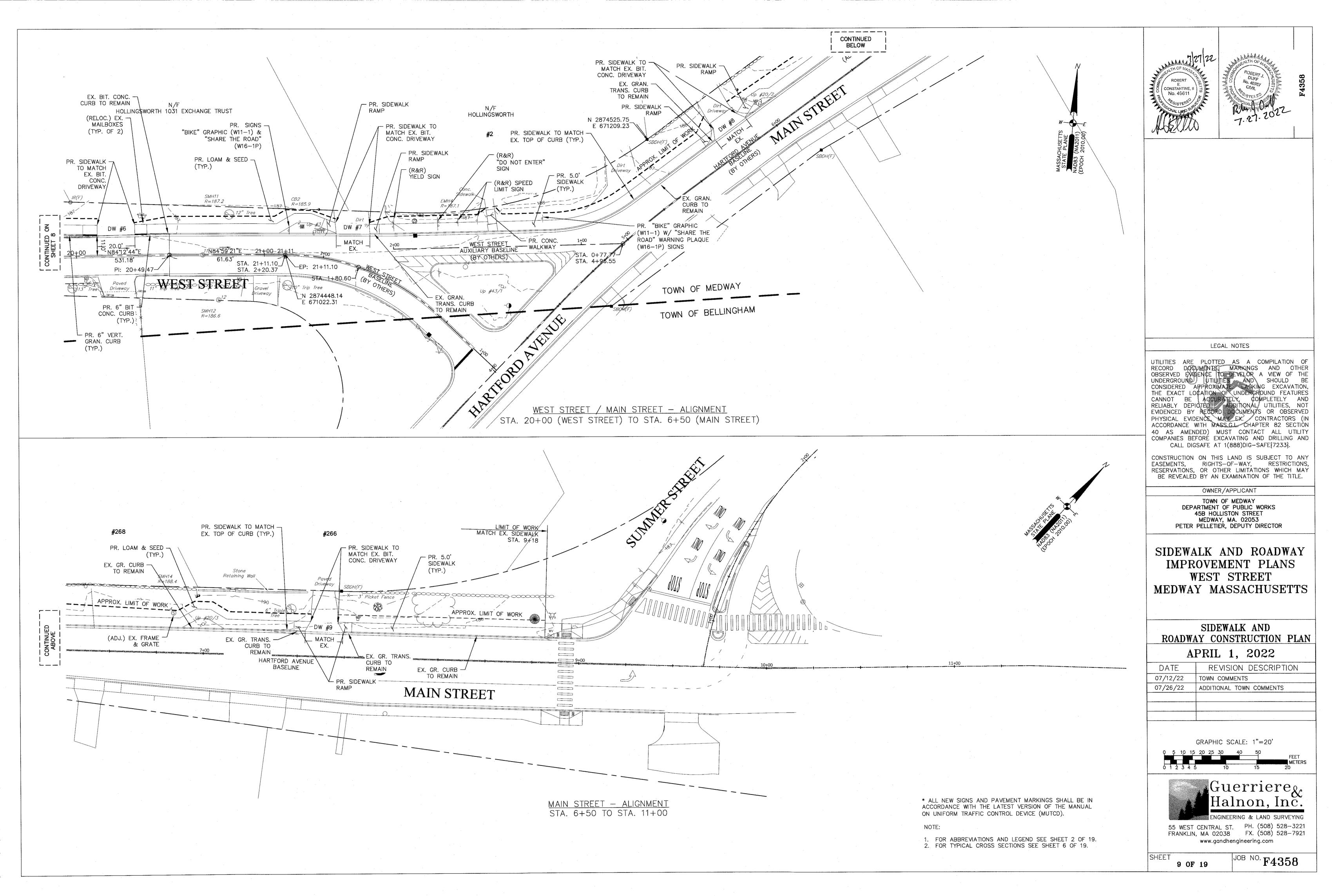


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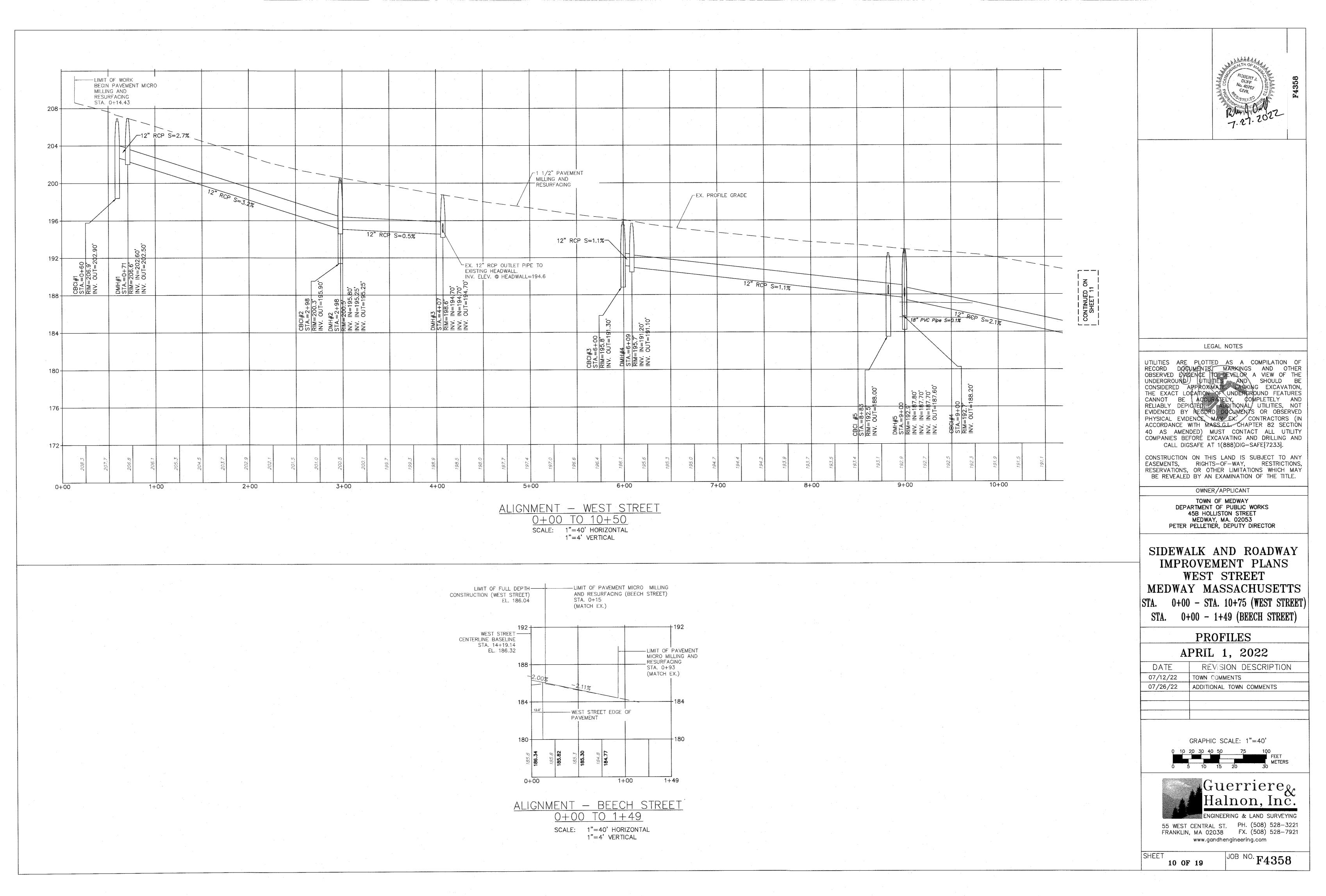
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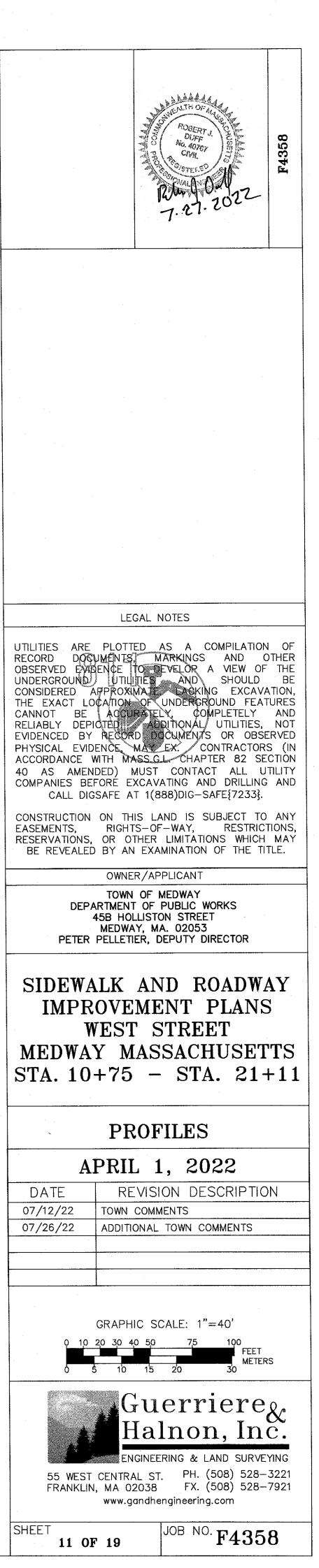
<u>WATER NOTE:</u> CONTRACTOR TO DETERMINE EXACT LOCATION AND DEPTH _____ OF EXISTING WATER MAIN PRIOR TO CONSTRUCTION. IF CONFLICT EXIST WITH PROPOSED DRAINAGE SYSTEM, WATER MAIN TO BE LOWERED ACCORDINGLY. SEE PROJECT DETAILS. LIMIT OF WORK -----BEGIN PAVEMENT MICRO MILLING AND RESURFACING STA. 11+27 ----- STA. 14+ STA. 0+0 BEGIN FULL DEPTH CONSTRUCTION STA. 11+27 EL. 189.74 PVI STA = 11+80 89 PVI ELEV = 187.92 ...P. ELEV = 180 L.P. STA = 13+82.82PVI STA = 13+82.82K = 38.46 60' VC PVI ELEV = 185,96K = 37.50 75' VC ---------CONTINUED ON SHEET 10 -1.00% EXIST. WATER MAIN. SEE WATER NOTE ABOVE -----12" RCP S=1.2% L — — 15" RCP S=0.5% /12" RCP S=1.3% 18" RCP S=0.5% 12" RCP S=1.2% _____ DMH#8 STA. 19+70.46 RIM=186.50 INV. IN=182.00 INV. IN=182.00 INV. OUT =181.25 =13+66 185.25 CBCI#6 STA.=11 RIM=188 INV. OUT 83.83 ₩<u>0</u>,00 (DBL =13+8 185.9 BCI #7 TA.=11+ IM=188.(IV. OUT= DMH#7 STA.=13-RIM=186. INV. IN=1 INV. IN=1 INV. OUT ΞΞσ CB#9 STA.= RIM=1 INV. 0 CB#8 STA.= RIM=1 INV. 0 WQ U STA... INV. INV. NC STA. ಬ ಲಿ 188.5 **88.77** 86. 86. 186 **87. 87.** 80. 86. 86. 12+00 13+00 14+00 11+00

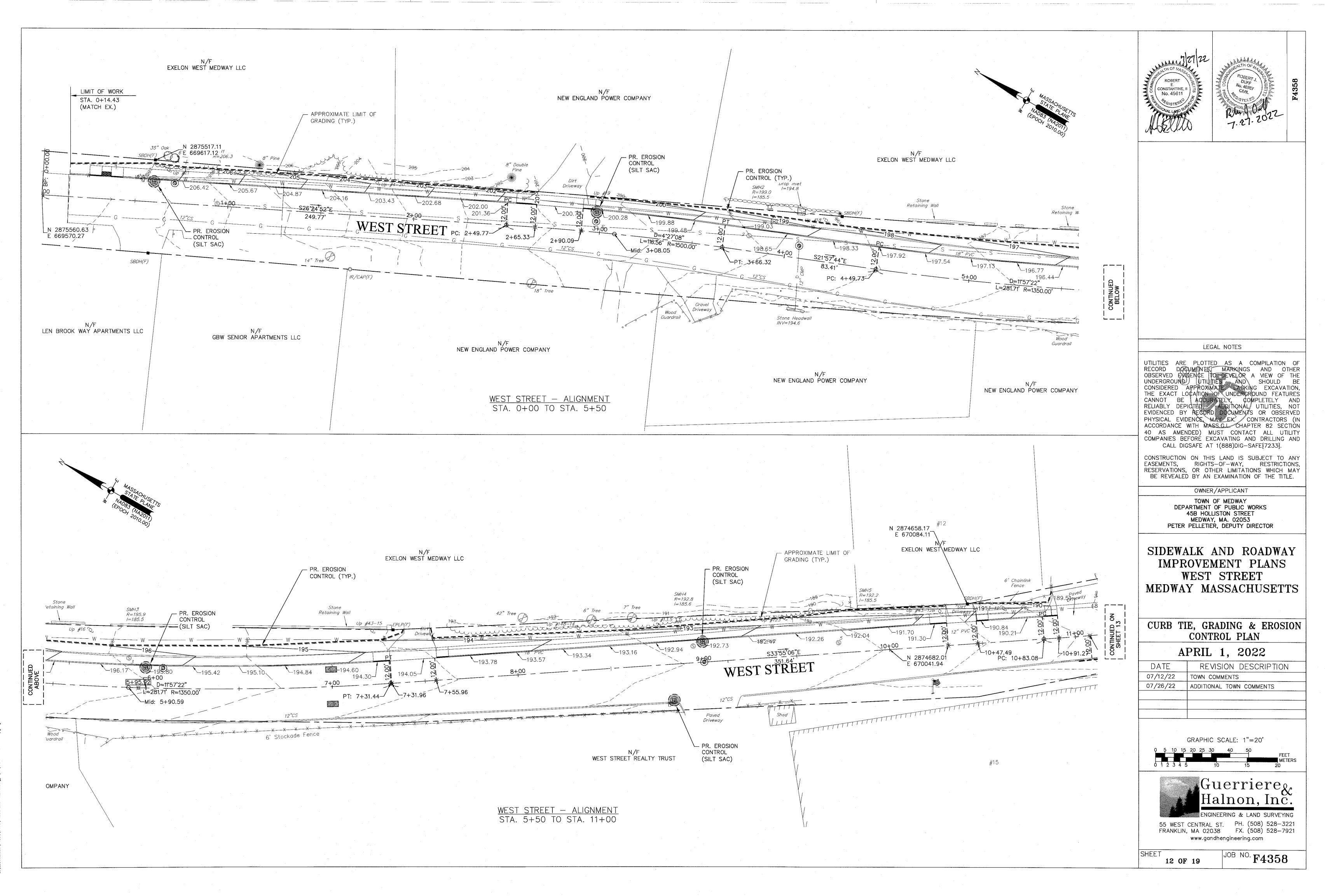
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14+19.14 (WEST_STREET)	H.P. ELEV = 189.19	MATCH ROADWAY IMPROVEMENT PROJECT
14+19.14 (WEST STREET) 0+00 (BEECH STREET) PR. PROFILE GRADE	H.P. ELEV = 189.19 H.P. STA = 17+21.62 PVI STA = 17+15.85 PVI ELEV = 189.29 K = 30.77 50' VC	LIMIT OF FULL DEPTH LIMIT OF PAVEMENT MICRO CONSTRUCTION STA. 19+70 LIMIT OF PAVEMENT MICRO MILLING AND RESURFACING STA. 19+85
(SEE CURB TIE & GRADING PLAN EX. PROFILE GRADE	PVC STA 16+90.85 EL 189.04 EL 189.13 EL 189.13	EL. 187.60 (MATCH EX.)
		0.63%
%		
186.63 186.63 186.68 186.88 186.88 187.13 187.13 187.4 187.6 187.6 187.88 187.88 187.8 187.8 188.13	188.38 188.63 188.63 188.63 188.63 188.63 188.2 188.2 189.19 189.19 189.19 189.19 188.3 188.3 188.3 188.3 188.3 188.3 188.3 188.3 188.5 18	188.0 188.6 188.6 188.6 188.6 187.9 187.8 187.8 187.8 187.5

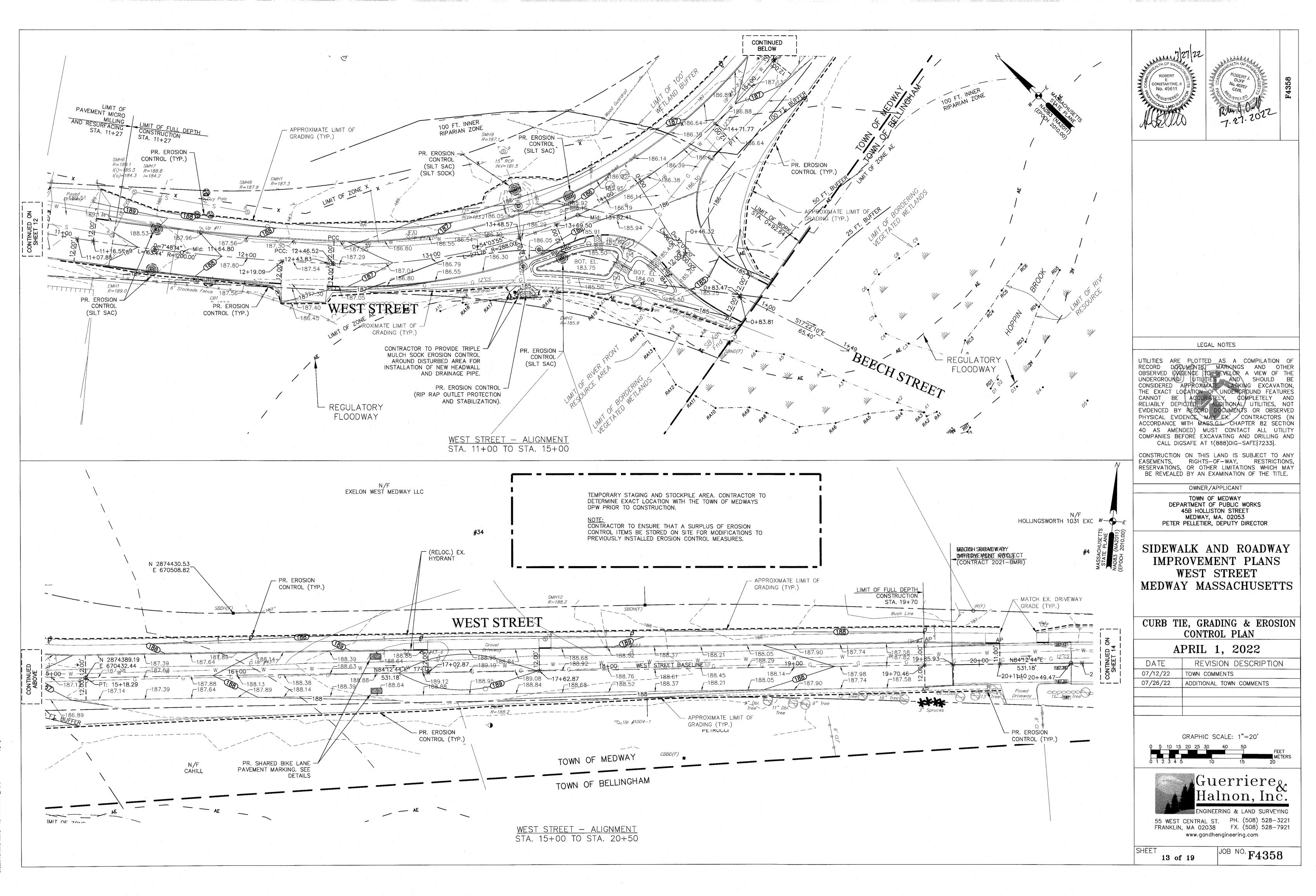
 $\frac{\text{ALIGNMENT} - \text{WEST STREET}}{10+50 \text{ TO } 21+11}$

SCALE: 1"=40' HORIZONTAL 1"=4' VERTICAL

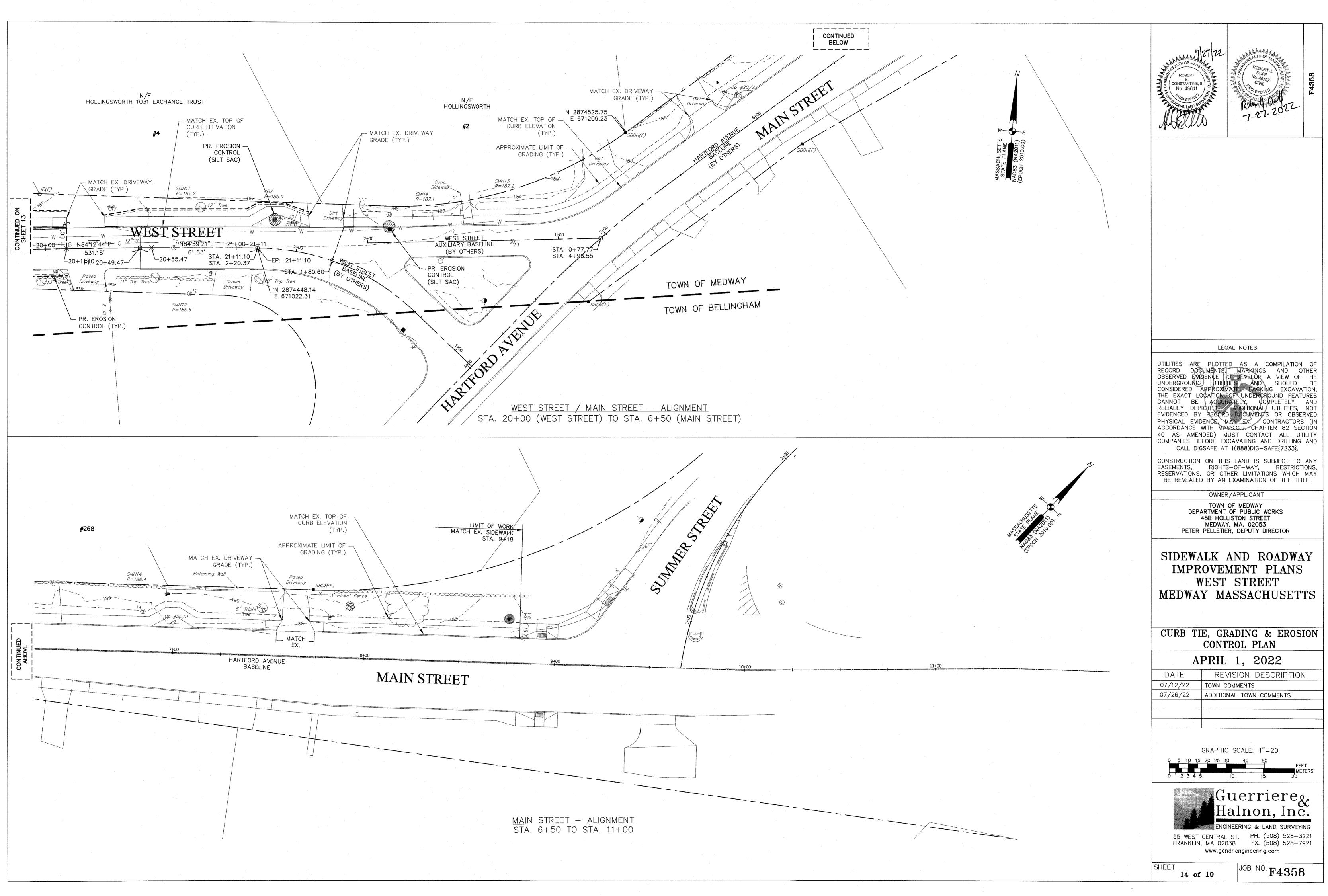


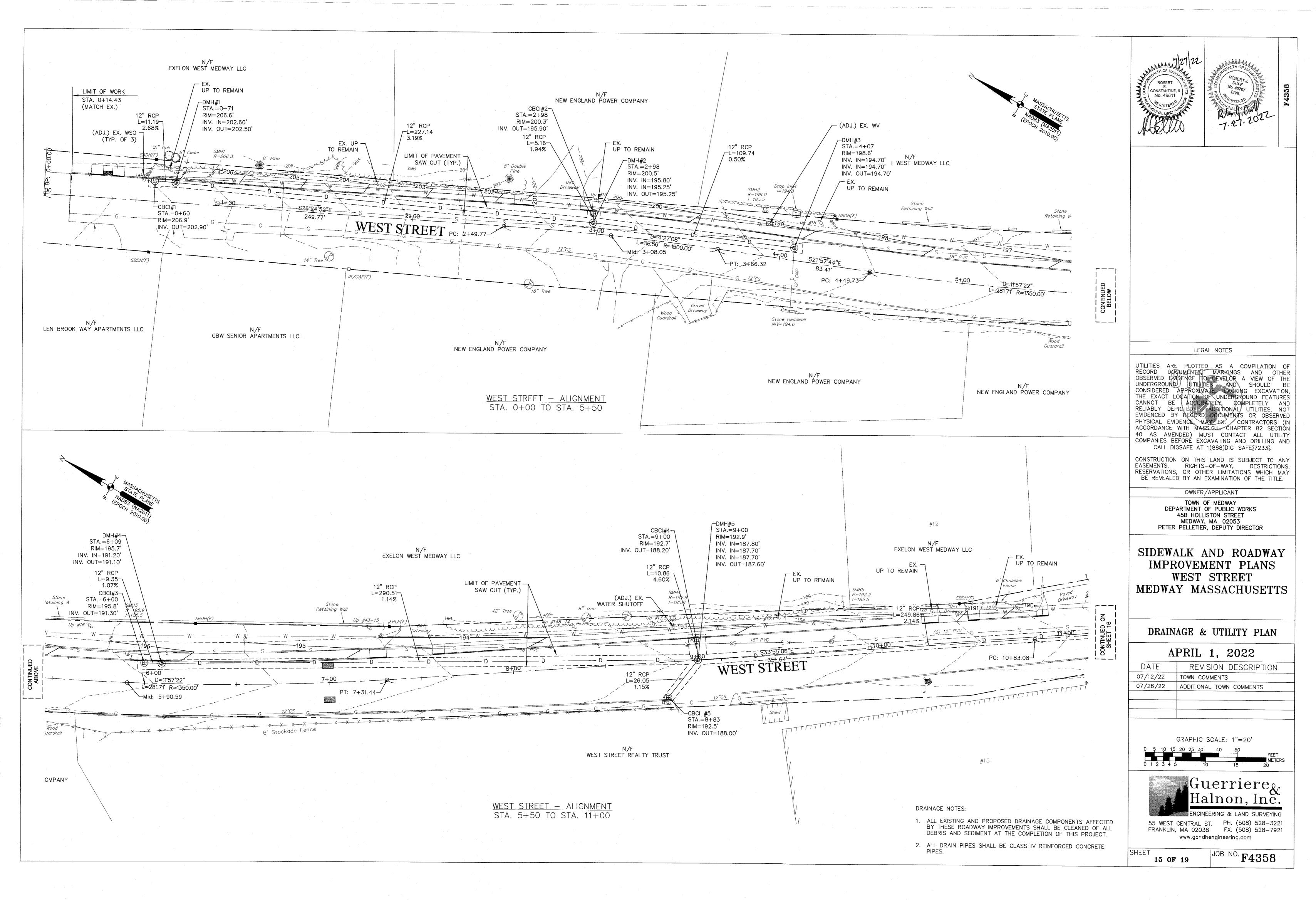


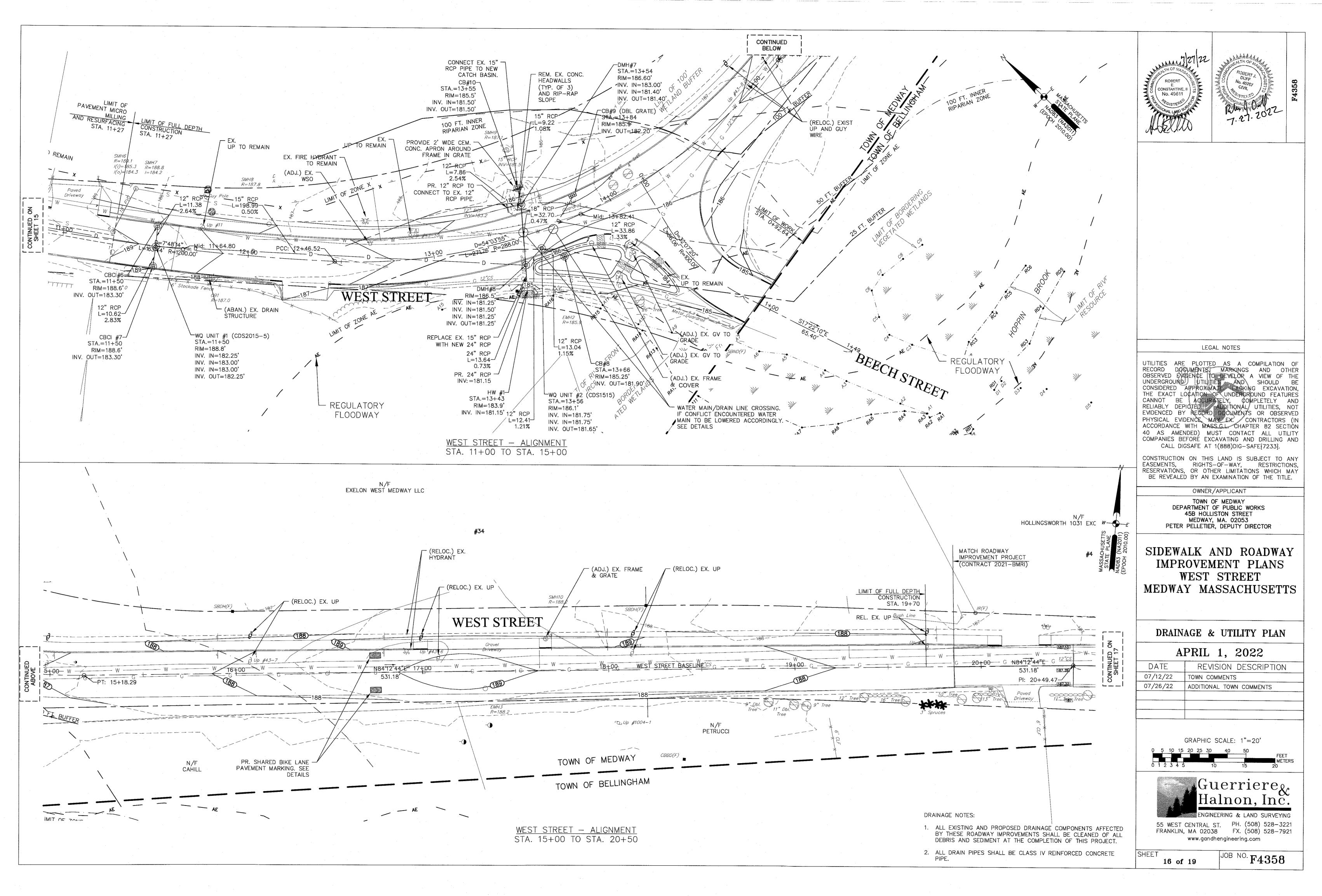
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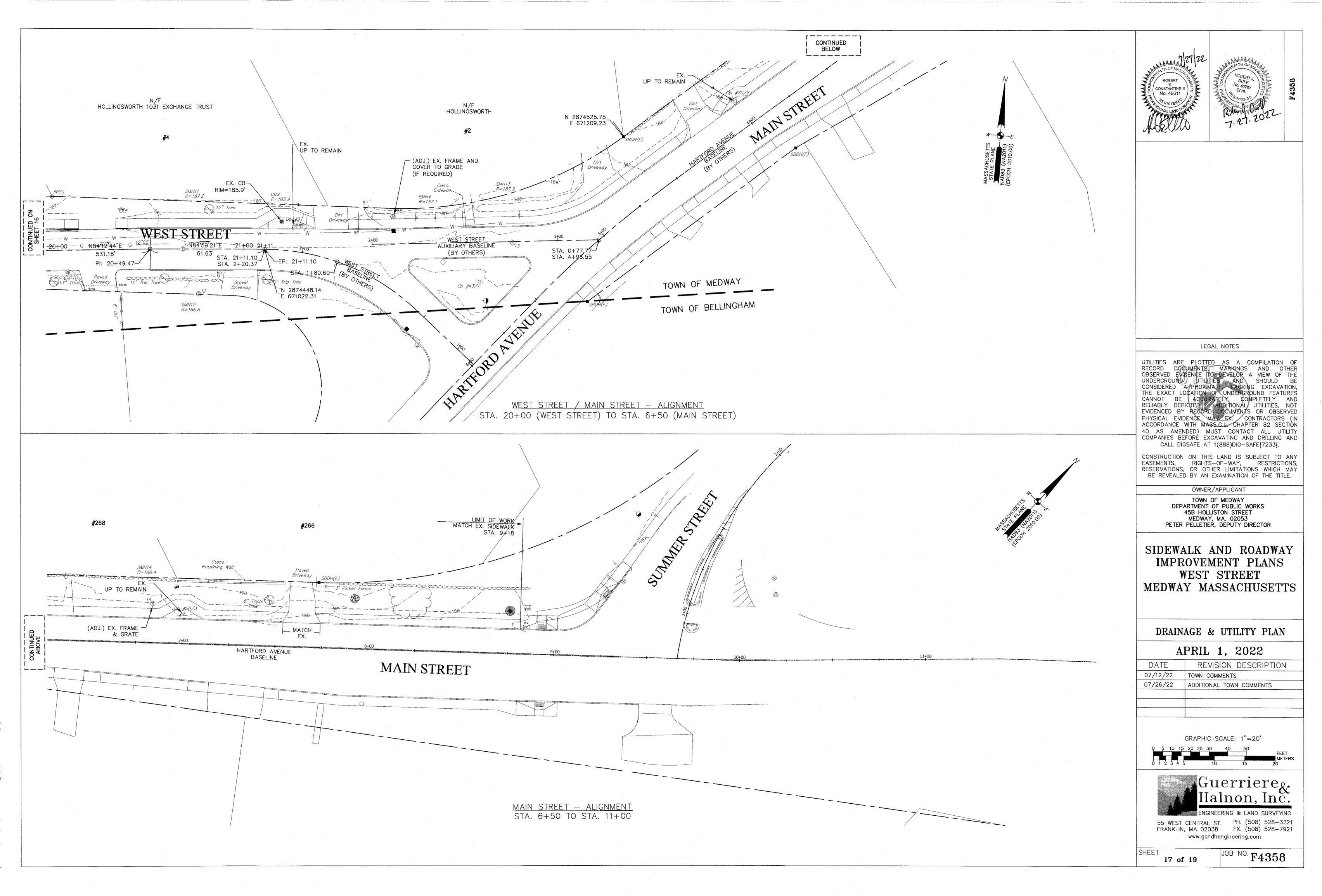


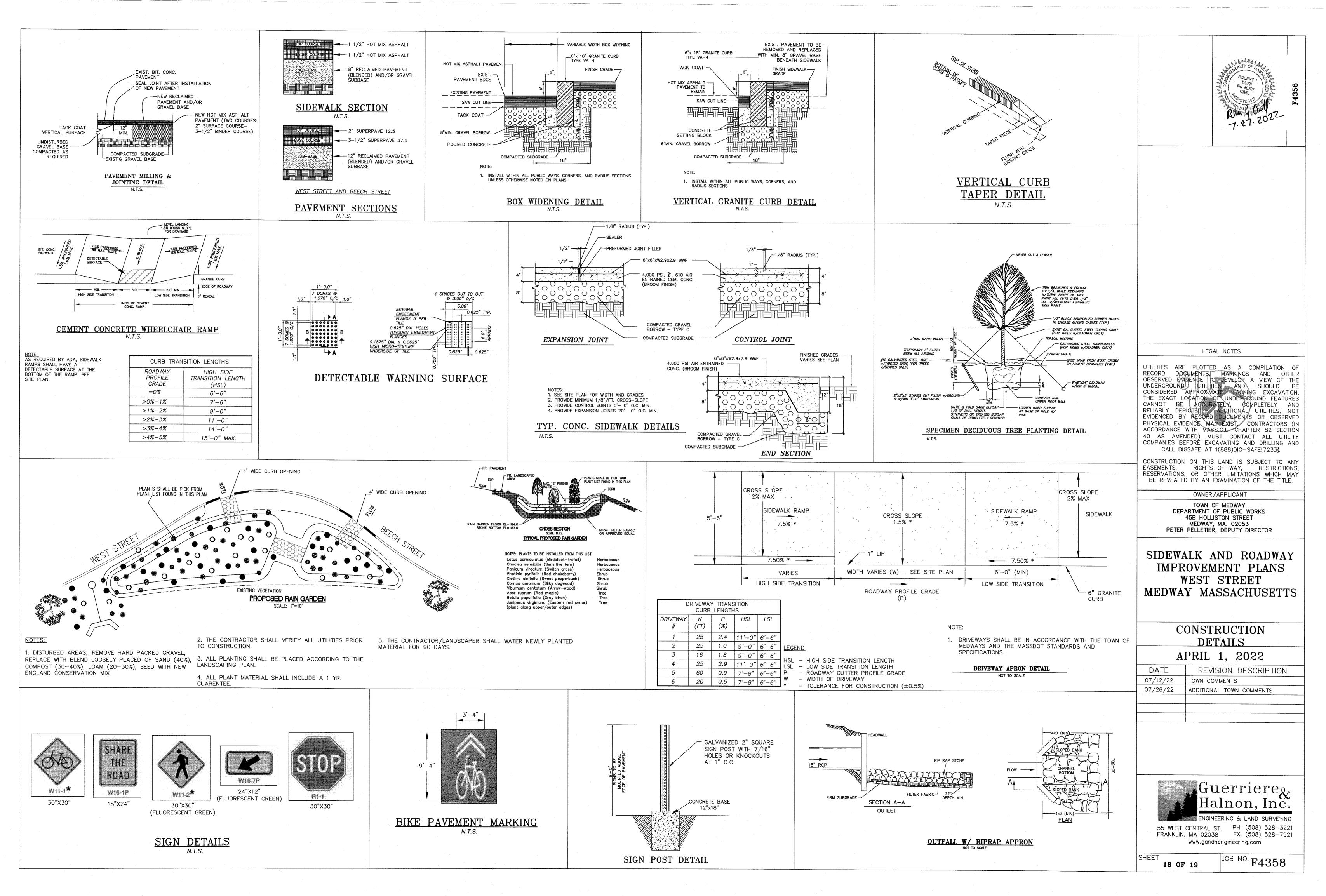
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