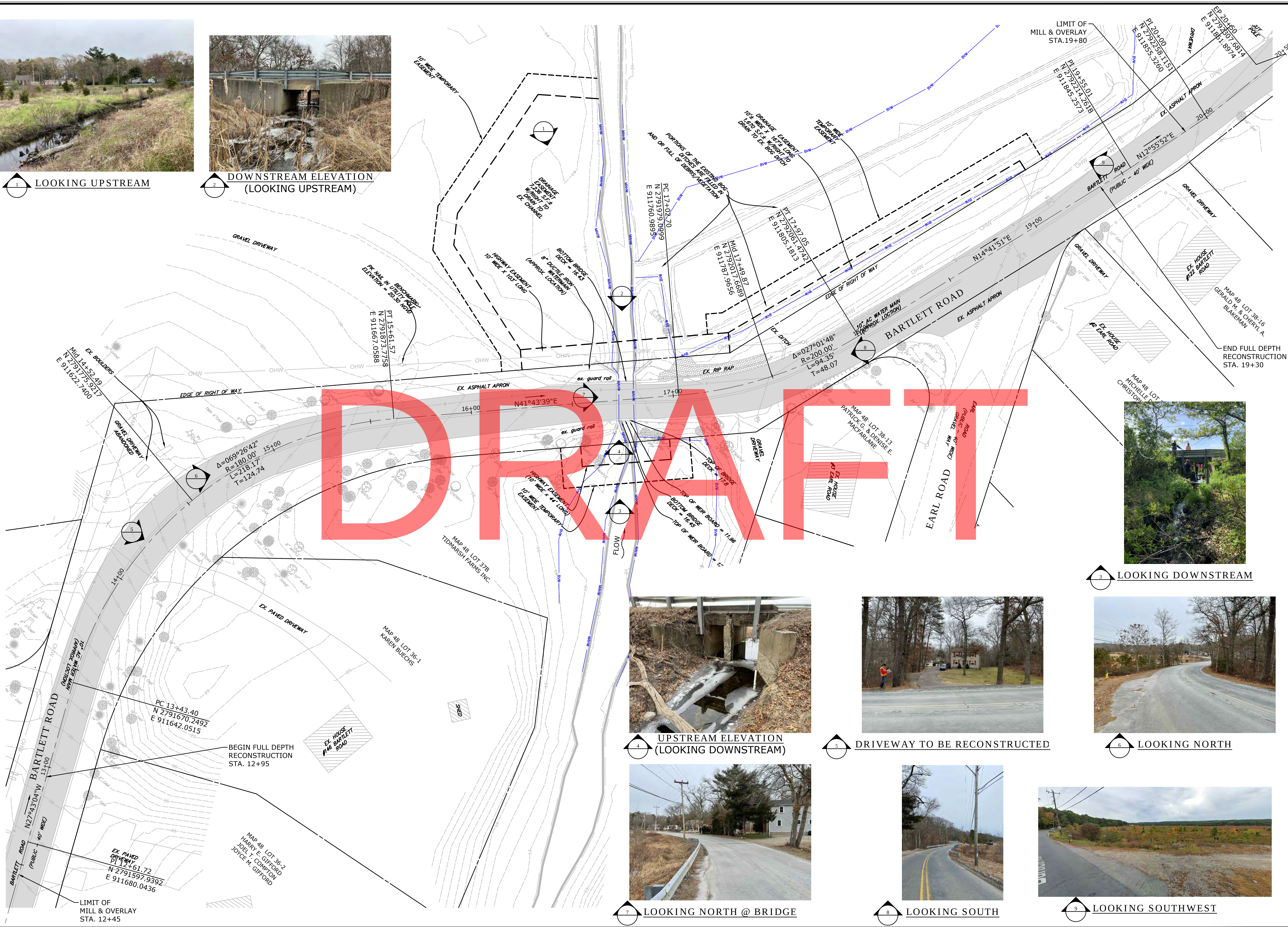




1 LOOKING UPSTREAM



2 DOWNSTREAM ELEVATION (LOOKING UPSTREAM)



3 LOOKING DOWNSTREAM



4 UPSTREAM ELEVATION (LOOKING DOWNSTREAM)



5 DRIVEWAY TO BE RECONSTRUCTED



6 LOOKING NORTH



7 LOOKING NORTH @ BRIDGE



8 LOOKING SOUTH



9 LOOKING SOUTHWEST

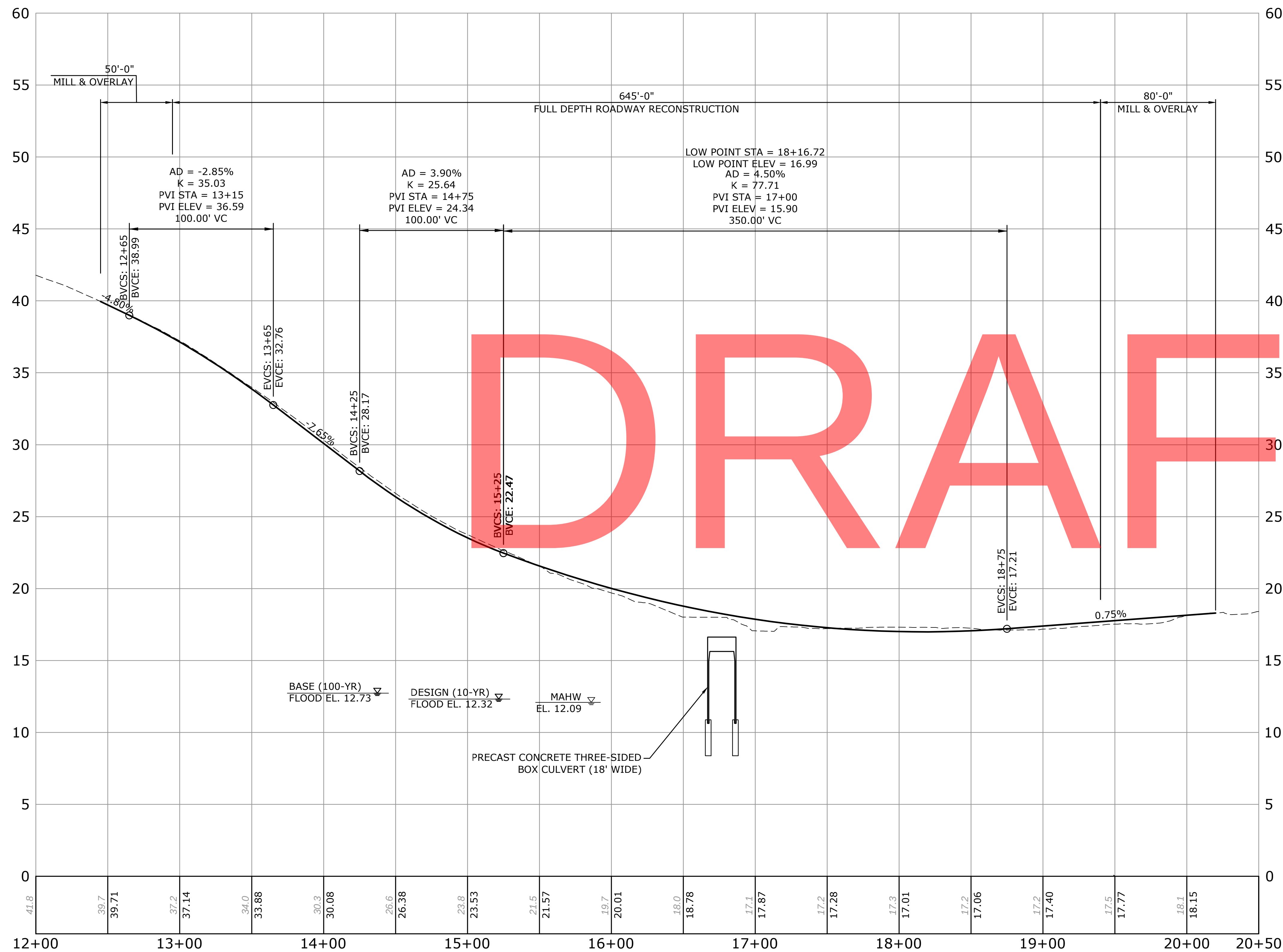


DESCRIPTION	DATE	BY

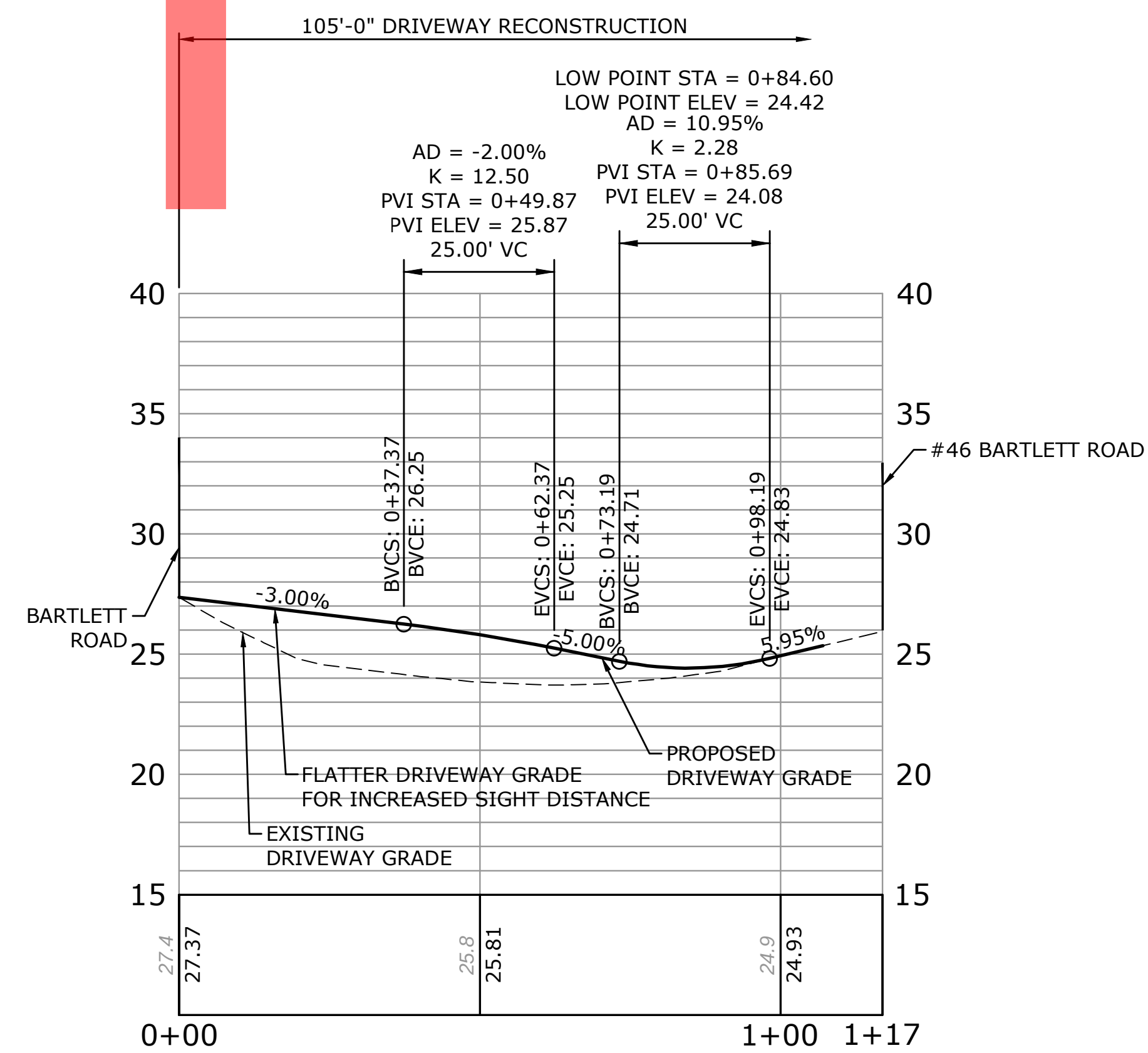
EXISTING CONDITIONS & BASELINE LAYOUT
REPLACEMENT OF BARTLETT ROAD CULVERT
OVER UNNAMED BROOK
BARTLETT ROAD
PLYMOUTH, MASSACHUSETTS

NP DESIGNED	NP DRAWN	KP CHECKED
1"=20'		
JUNE 30, 2022		
11982.00016		
02 OF 21		

EX-01



ROADWAY PROFILE
SCALE: 1"=40'-0" HORIZ.
1"=4'-0" VERT.



PROPOSED DRIVEWAY PROFILE
SCALE: 1"=20'-0" HORIZ.
1"=5'-0" VERT.

[illegible]

ROADWAY & DRIVEWAY PROFILE

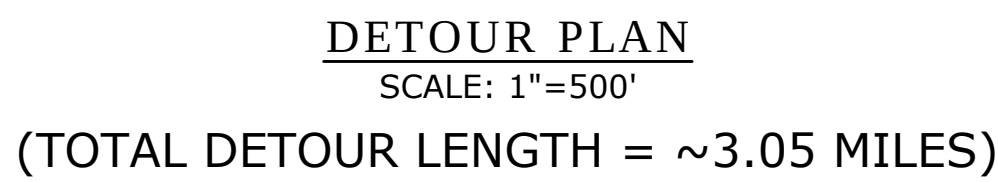
REPLACEMENT OF BARTLETT ROAD CULVERT
OVER UNNAMED BROOK

BARTLETT ROAD
PLYMOUTH, MASSACHUSETTS

NOT FOR CONSTRUCTION

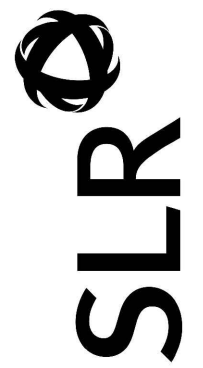
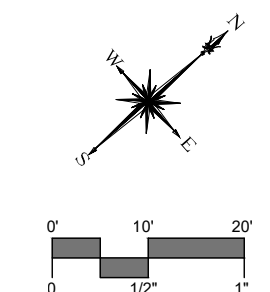
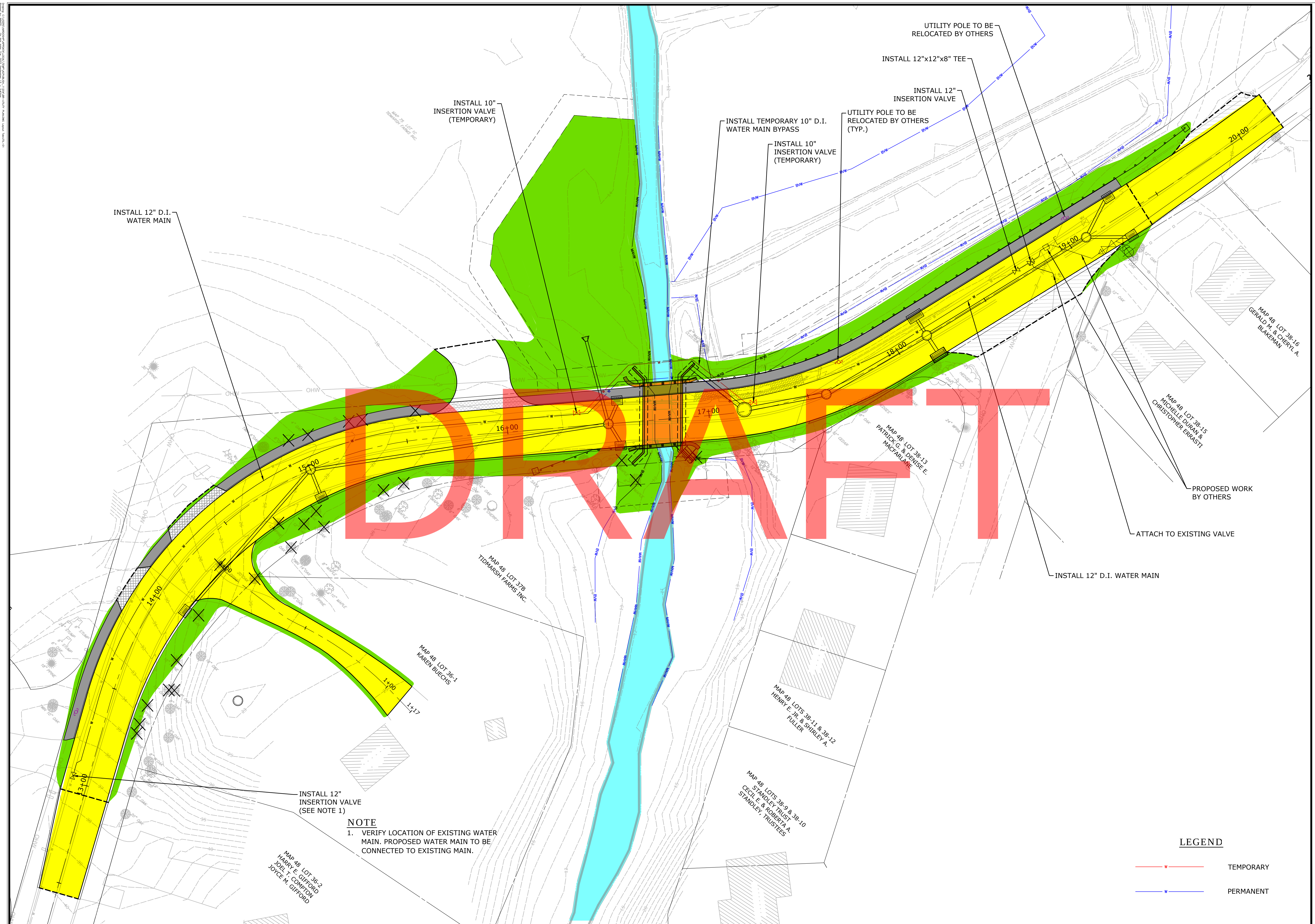
NP DESIGNED	NP DRAWN	KP CHECKED
AS NOTED		
SCALE		
JUNE 30, 2022		
DATE		
11982.00016		
PROJECT NO.		
04 OF 21		
SHEET NO.		

PRO-01



*SIGN TO HAVE BLACK BORDER & LEGEND, ORANGE BACKGROUND.

1. ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) WITH THE MASSACHUSETTS AMENDMENTS TO THE MUTCD AND STANDARD MUNICIPAL TRAFFIC CODE.
2. ALL SIGN LEGENDS, BORDERS AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD WITH THE MASSACHUSETTS AMENDMENTS TO THE MUTCD AND STANDARD MUNICIPAL TRAFFIC CODE.
3. TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
4. TEMPORARY CONSTRUCTION SIGNING, BARRICADES AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE HIGHWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
5. SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY, AND REFLECTORIZED PLASTIC DRUMS WITH LIGHTING DEVICES MOUNTED ON THEM, MUST PASS THE CRITERIA SET FORTH IN NCHRP REPORT 350, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES."
6. ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORTS.
7. TRAFFIC PERSONS ARE TO BE USED WHENEVER TRAFFIC CONTROL DEVICES ARE INSTALLED, RELOCATED OR REMOVED.
8. LOCATIONS FOR TEMPORARY SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER SO AS NOT TO CONFLICT WITH EXISTING PERMANENT SIGNS. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE ADJUSTED TO MEET FIELD CONDITIONS.
9. CONTRACTOR SHALL NOTIFY THE CITY AND EMERGENCY SERVICES AT LEAST 14 DAYS IN ADVANCE OF ROAD CLOSURE/DETOUR.
10. THE CONTRACTOR SHALL SUBMIT ANY PROPOSED VARIATIONS TO THIS DETOUR PLAN TO THE ENGINEER FOR APPROVAL AT LEAST 30 DAYS BEFORE THE WORK BEGINS.

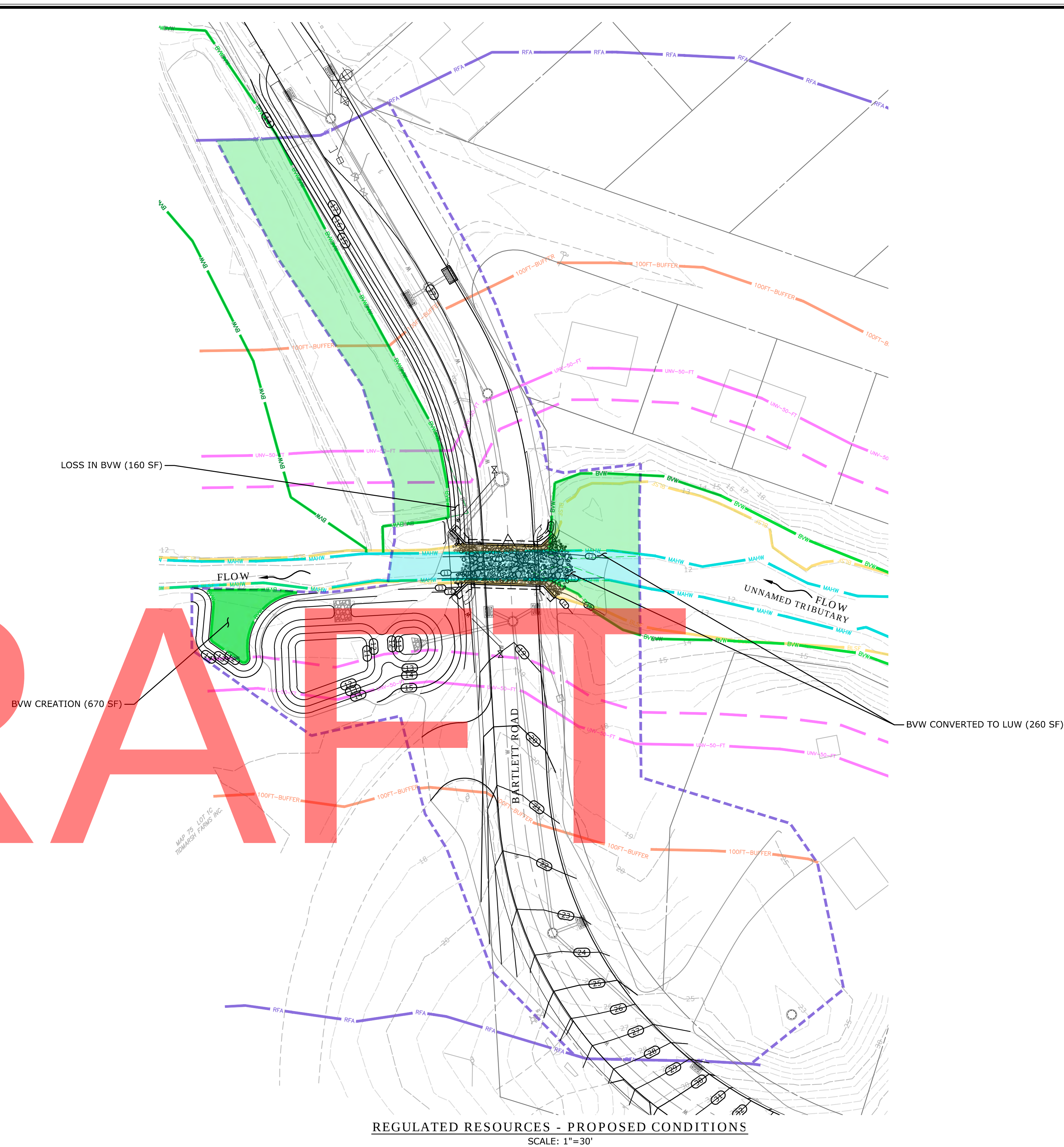
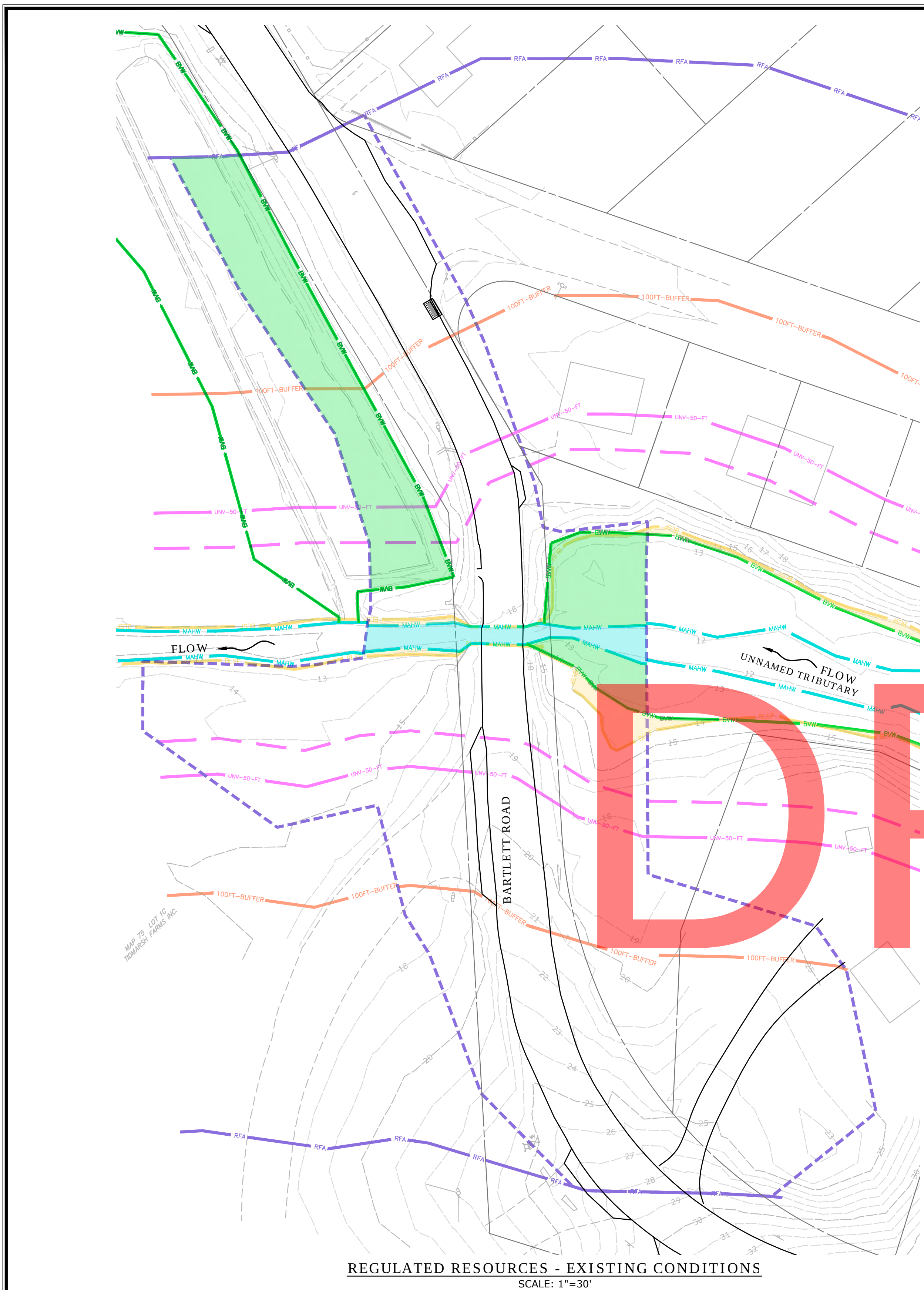
[illegible]

UTILITY PLAN

REPLACEMENT OF BARTLETT ROAD CULVERT OVER UNNAMED BROOK

NOT FOR CONSTRUCTION

NP DESIGNED	NP DRAWN	KP CHECKED
1"=20'		
SCALE		
JUNE 15, 2022		
DATE		
11982.00016		
PROJECT NO.		
05 OF 21		
SHEET NO.		
UTIL-01		
SHEET NAME		

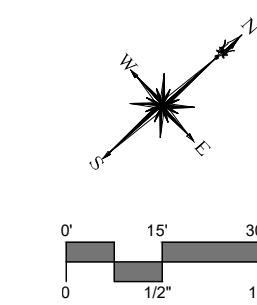
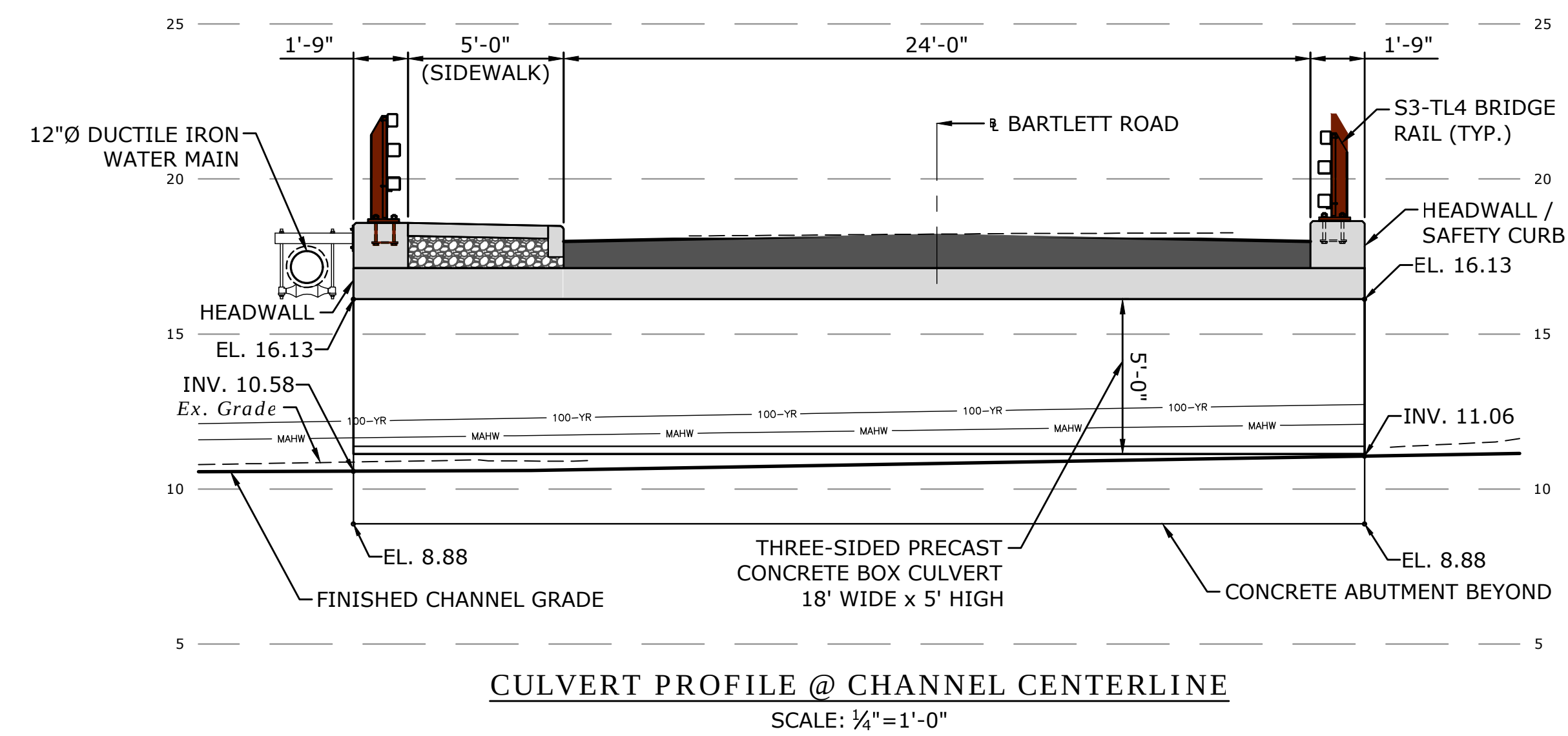
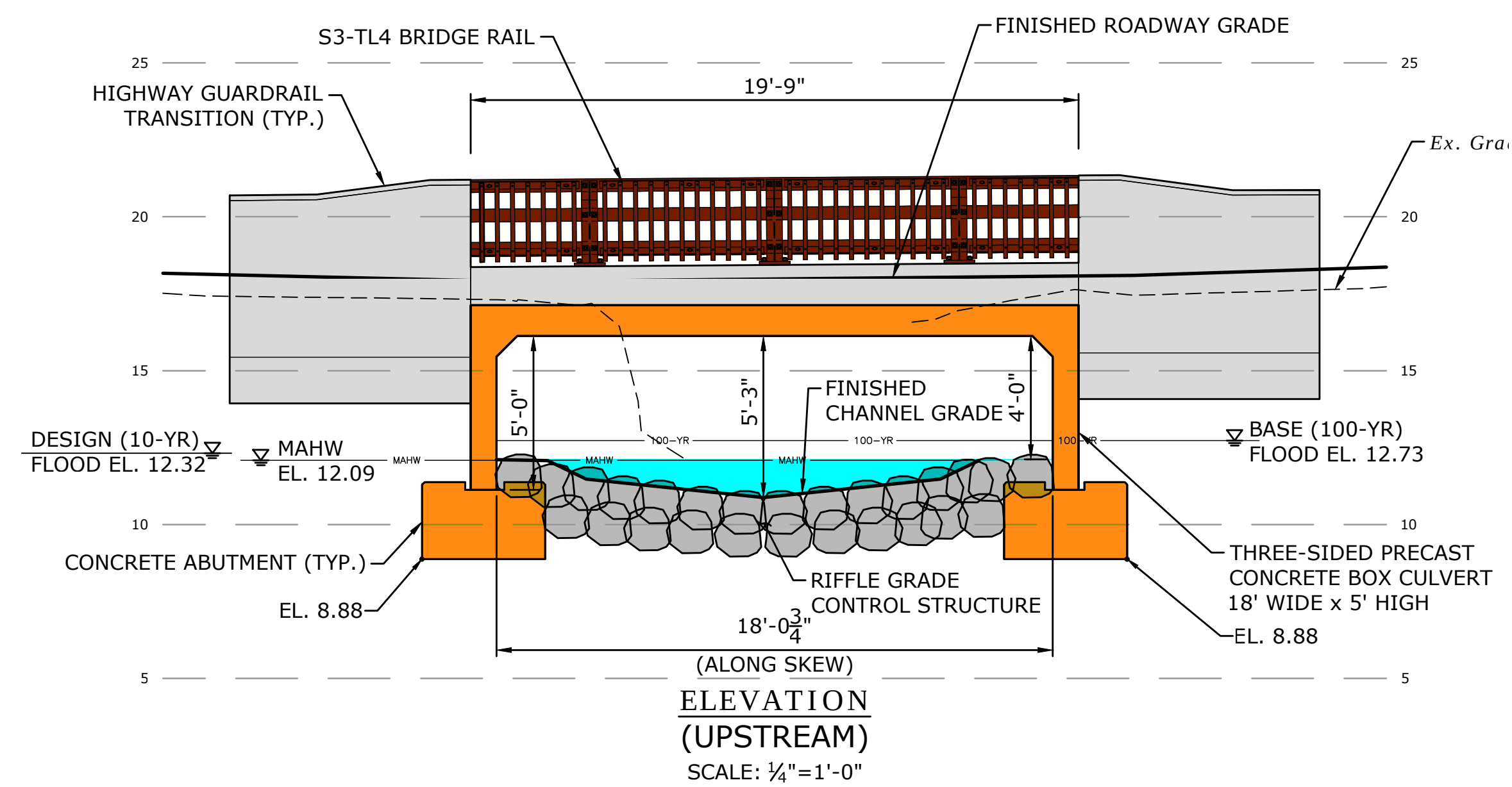
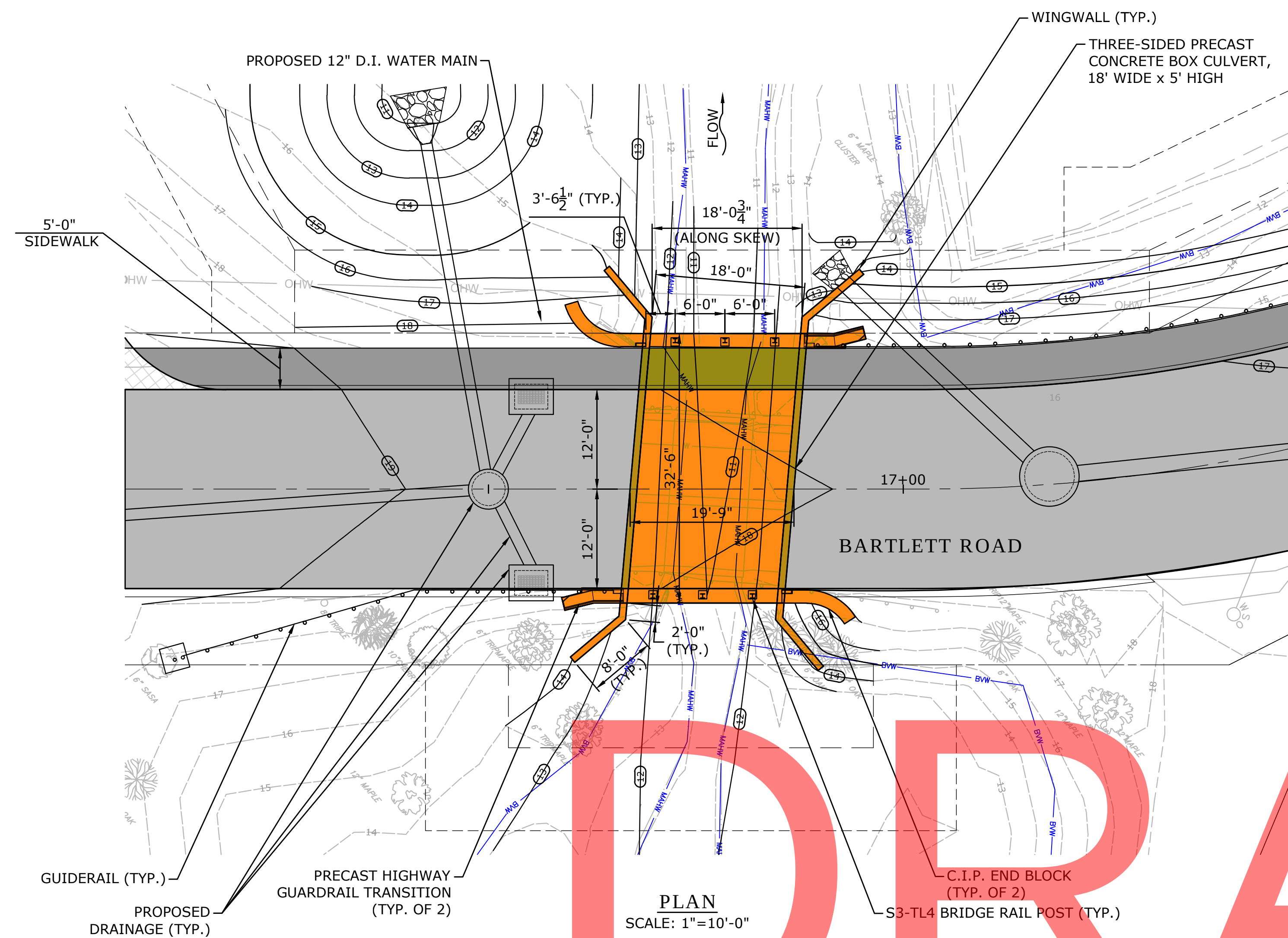


LEGEND

MAHW 	MEAN ANNUAL HIGH WATER (MAHW)		LAND UNDER WATER (LUW) WITHIN PROJECT LIMITS
 BVW	BORDERING VEGETATED WETLAND (BVW)		BORDERING VEGETATED WETLAND (BVW) WITHIN PROJECT LIMITS
BLSF 	BORDERING LAND SUBJECT TO FLOODING (BLSF)/100-YEAR FLOODPLAIN (100-YEAR)		BORDERING VEGETATED WETLAND (BVW) CREATION WITHIN PROJECT LIMITS
 RFA	RIVERFRONT AREA (RFA)		BORDERING LAND SUBJECT TO FLOOD (BLSF) WITHIN PROJECT LIMITS
100FT-BUFFER 	100-FOOT INLAND BANK BUFFER ZONE (BZ)		RIVERFRONT AREA (RFA) WITHIN PROJECT LIMITS
 UNW=50-FT	50-FOOT NO BUILD BUFFER ZONE		
 	35-FOOT NO TOUCH BUFFER ZONE		

REGULATED RESOURCE AREAS WITHIN PROJECT LIMITS			
REGULATED AREA	EXISTING	PROPOSED	NET CHANGE
INLAND BANK	240 LF	240 LF	+0 LF
LAND UNDER WATER	1,080 SF	1,590 SF	+510 SF
BORDERING VEGETATED WETLAND	7,435 SF	7,685 SF	+250 SF
BORDERING LAND SUBJECT TO FLOODING	1,165 SF	415 SF	-750 SF
RIVERFRONT AREA	55,850 SF	55,850 SF	+0 SF

NOTE: BLSF/100-YEAR FLOODPLAIN EXTENT BASED ON PROJECT-SPECIFIC HYDRAULIC MODEL

[illegible]

STRUCTURAL PLAN

REPLACEMENT OF BARTLETT ROAD CULVERT
OVER UNNAMED BROOK

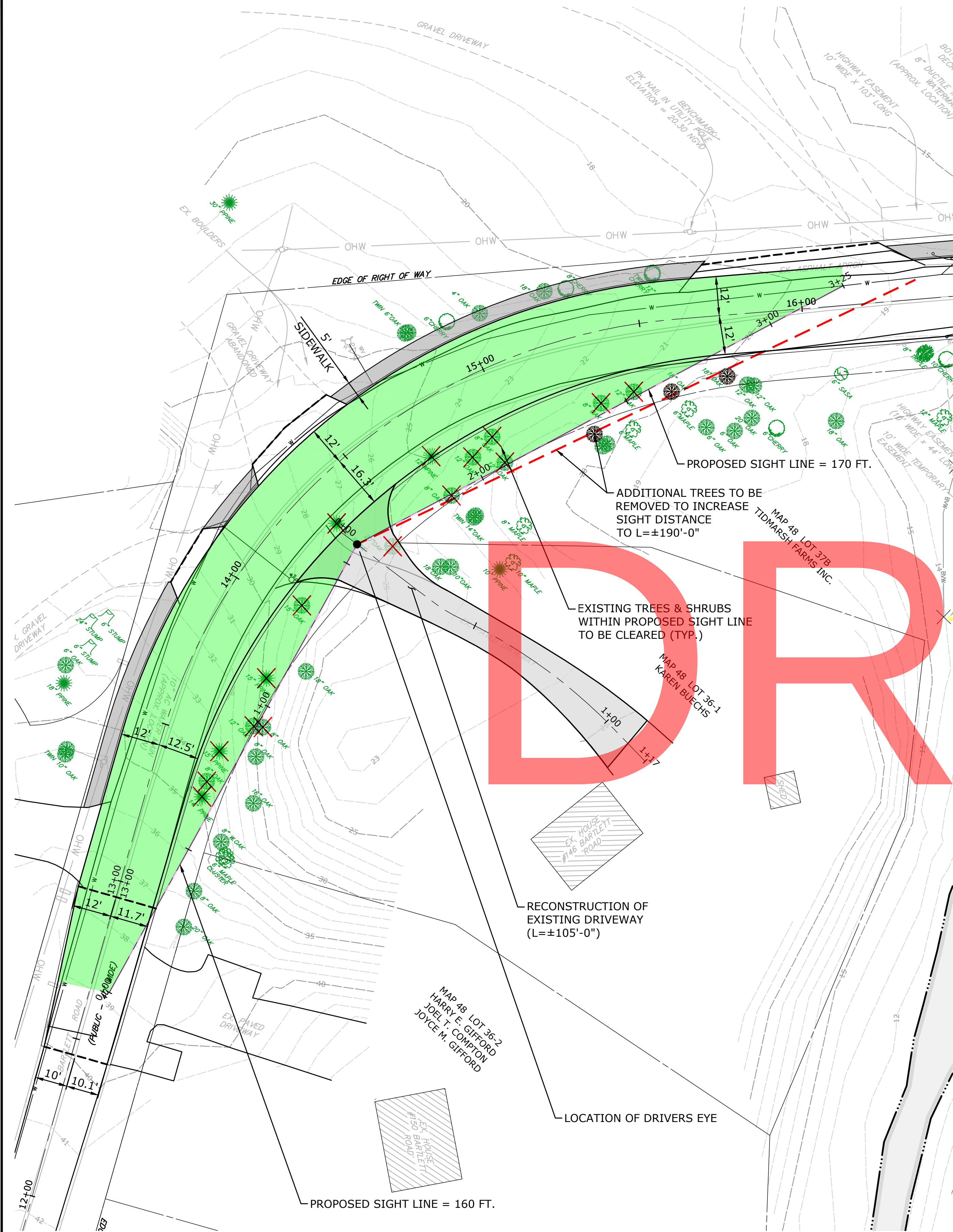
BARTLETT ROAD
PLYMOUTH, MASSACHUSETTS

NOT FOR CONSTRUCTION

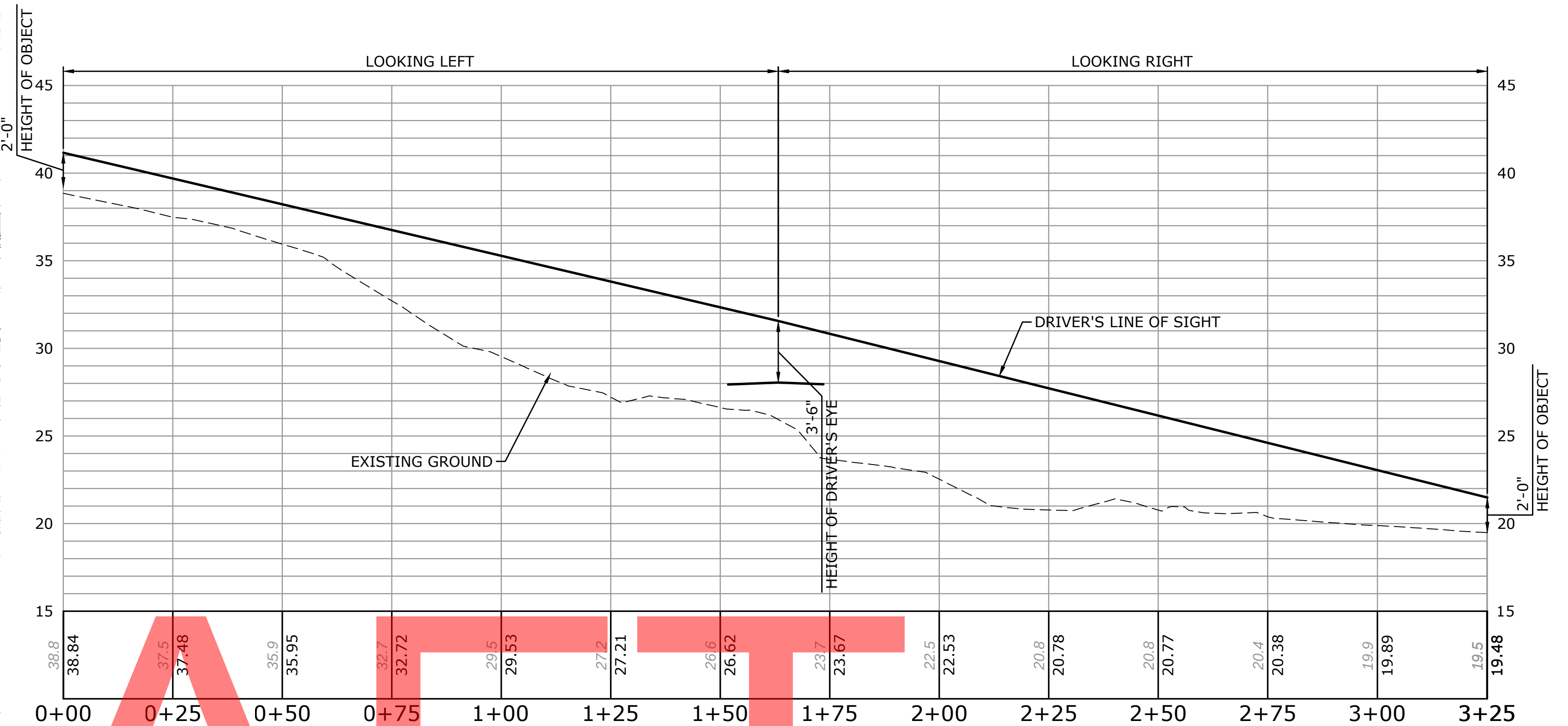
NP DESIGNED	NP DRAWN	K CHECKED
AS NOTED		
SCALE		
JUNE 30, 2022		
DATE		
11982.00016		
PROJECT NO.		
12 OF 21		
SHEET NO.		

STR-01

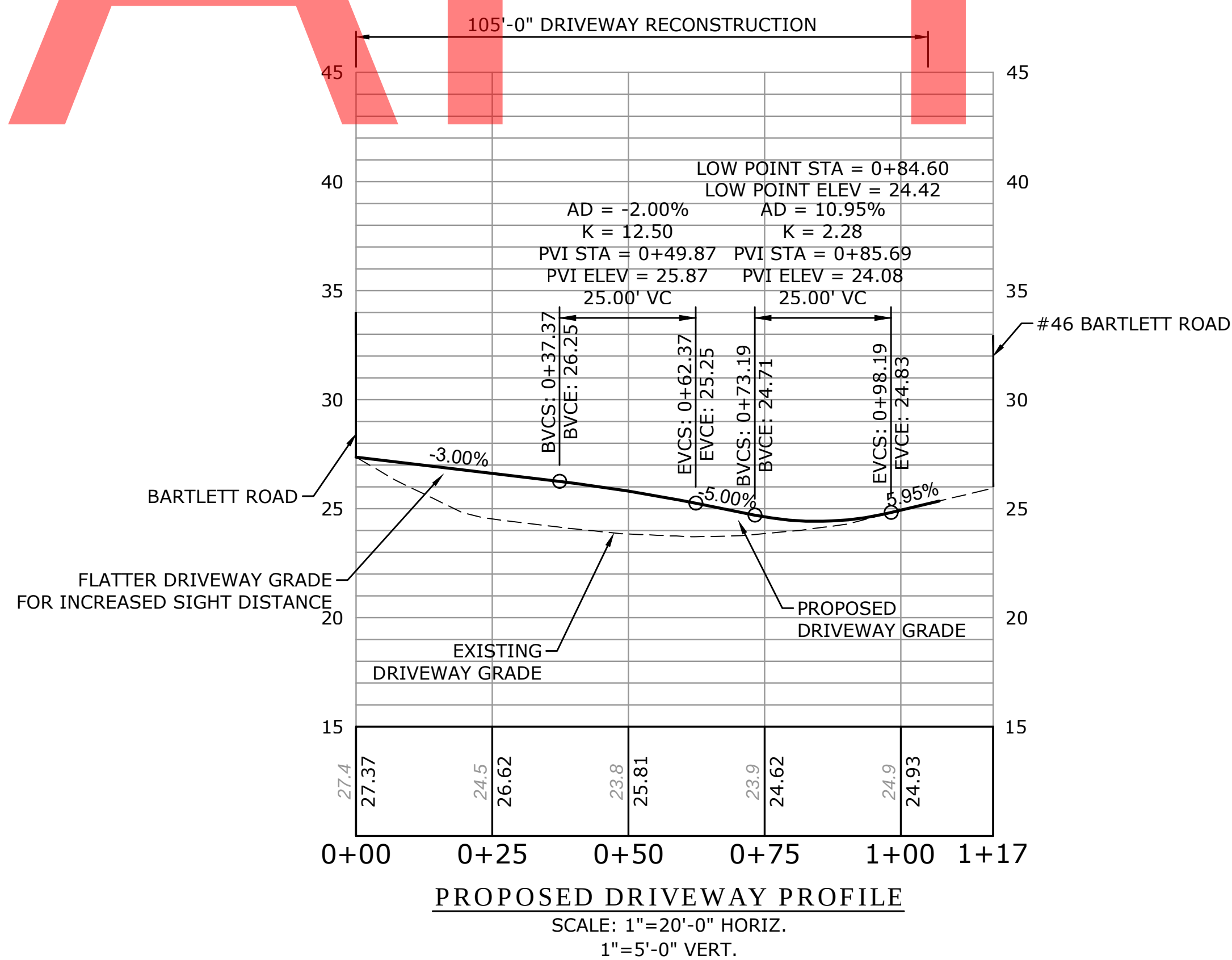
PLYMOUTH BARTLETT ROAD			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	X
PROJECT FILE NO.		11982.00016	
SIGHT DISTANCE - ALTERNATE			



PROPOSED SIGHT DISTANCE - ALTERNATE DRIVEWAY ENTRANCE
SCALE: 1"=20'-0"



PROPOSED SIGHT LINE
SCALE: 1"=20'-0" HORIZ.
1"=5'-0" VERT.



PROPOSED DRIVEWAY PROFILE
SCALE: 1"=20'-0" HORIZ.
1"=5'-0" VERT.

LEGEND

- PROPOSED SIGHT DISTANCE
- ADDITIONAL SIGHT DISTANCE
- PROPOSED CLEAR AREA OF SIGHT
- RECONSTRUCTION OF EXISTING DRIVEWAY
- REMOVE EXISTING TREE
- ADDITIONAL TREE REMOVAL

