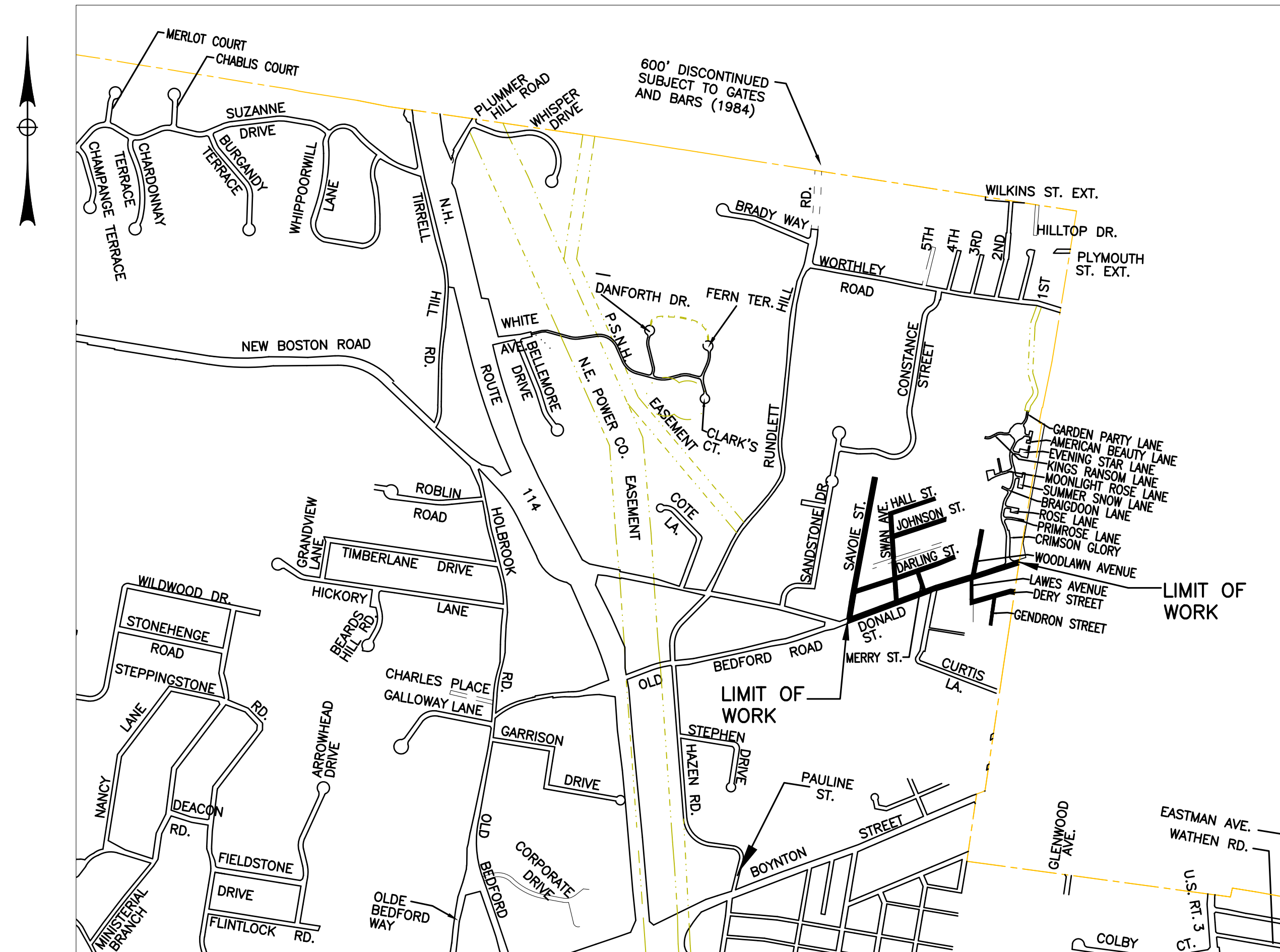


ROADWAY RECONSTRUCTION PLANS

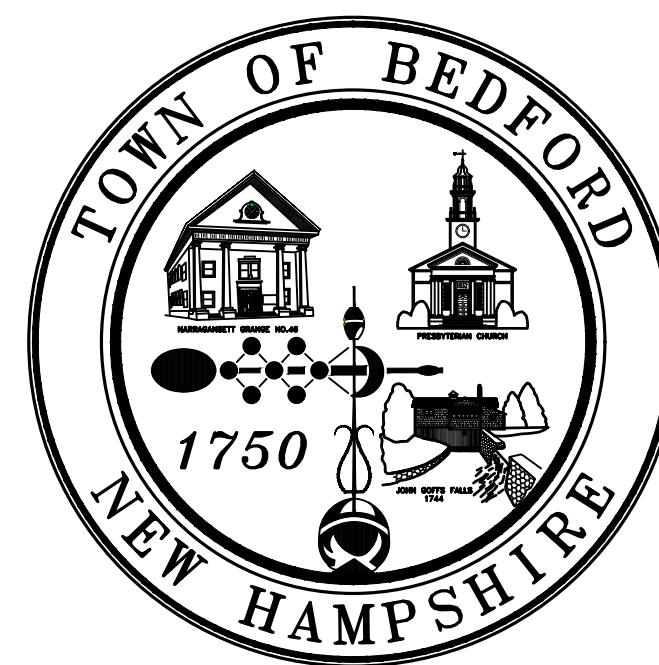
DONALD STREET AND SURROUNDING ROADS

BEDFORD, NEW HAMPSHIRE



50% PLANS

**BEDFORD PUBLIC WORKS
24 NORTH AMHERST ROAD
BEDFORD, NH 03110**



APRIL 2017

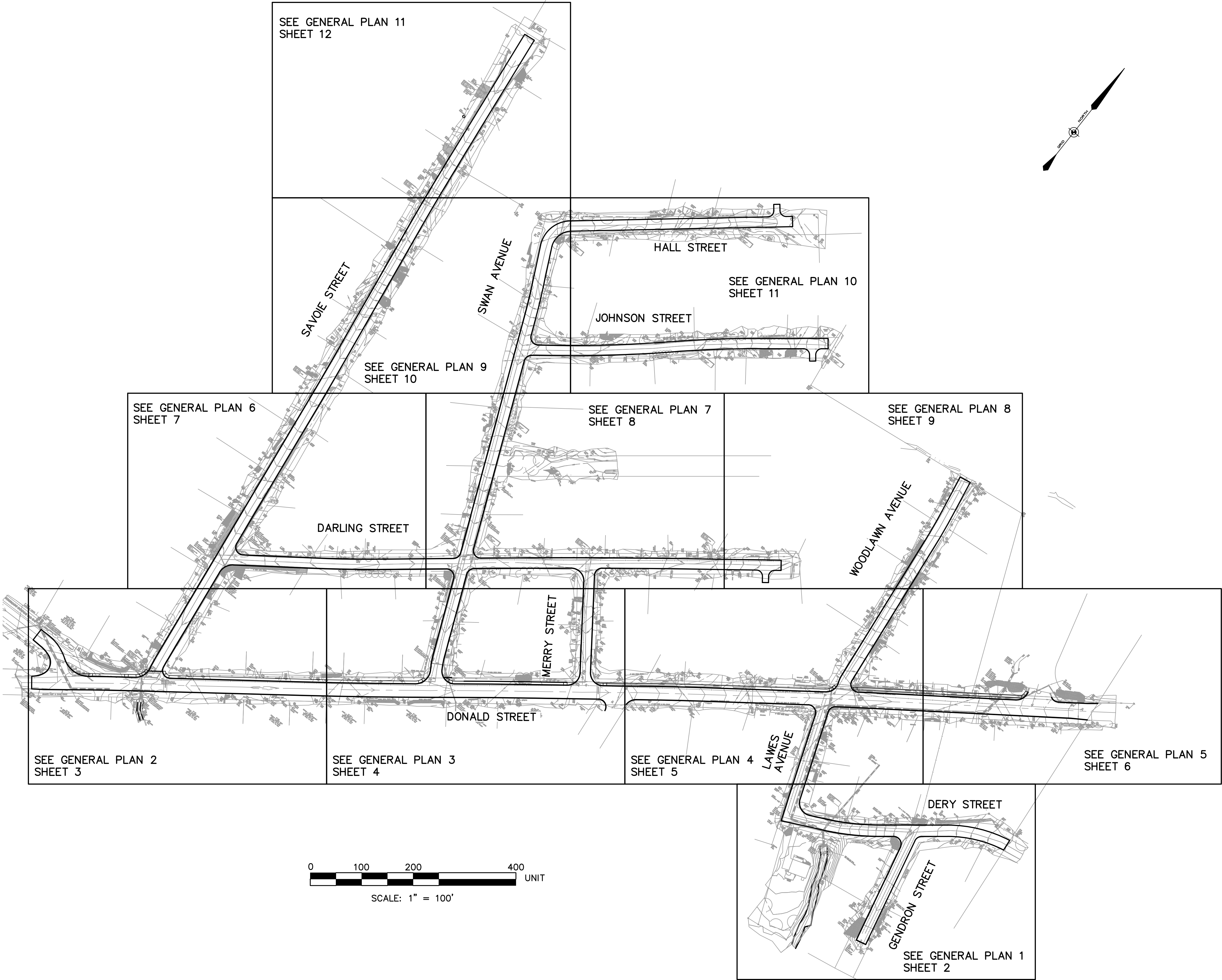
PROJECT NO. ???-2017

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
	COVER SHEET
1	GENERAL NOTES AND KEY PLAN
2 - 12	GENERAL PLANS
13 - 17	DONALD STREET PROFILE
18	DONALD STREET AND OLD BEDFORD ROAD INTERSECTION PROFILE
19 - 21	SAVOIE STREET PROFILE
22 - 24	DARLING STREET PROFILE
25 - 27	SWAN AVENUE AND HALL STREET PROFILE
28 - 29	JOHNSON STREET PROFILE
30	MERRY STREET PROFILE
31	WOODLAWN AVENUE PROFILE
32 - 33	LAWES AVENUE AND DERY STREET PROFILE
34	GENDRON STREET PROFILE
35	DRAINAGE NOTES
36 - 37	TYPICAL SECTIONS
38 - 39	DRAINAGE DETAILS
40	MISCELLANEOUS DETAILS
41	EROSION CONTROL DETAILS
42	EROSION CONTROL NOTES

PLAN SET NO.

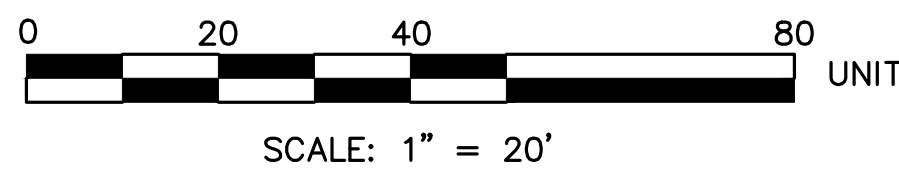
GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED 2016 AND "CONTRACT SPECIFICATIONS OF BEDFORD, NH — DEPARTMENT OF PUBLIC WORKS" OF WHICH THESE PLANS ARE A PART. IN THE EVENT ANY DISCREPANCIES EXIST BETWEEN THESE PLANS AND WRITTEN PORTIONS OF THE CONTRACT SPECIFICATIONS, THE CONTENT OF THE WRITTEN SPECIFICATIONS SHALL PREVAIL.
2. ALL WORK SHALL BE COMPLETED WITHIN THE RIGHT-OF-WAY UNLESS SPECIFIED BY THE PLANS OR THE TOWN ENGINEER. ANY WORK REQUIRED ON PRIVATE PROPERTY SHALL BE COORDINATED WITH THE HOMEOWNER AND THE TOWN ENGINEER TO MINIMIZE INCONVENIENCE AND PROVIDE ACCESS TO THE HOMEOWNER. CONTRACTOR SHALL CONTACT TOWN OF BEDFORD, TOWN ENGINEER, FOR LIMITS OF ALL PROPOSED EASEMENTS PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES PRIOR TO COMMENCEMENT OF THIS WORK.
4. NO EXISTING MONUMENTS, BOUNDS OR BENCHMARKS SHALL BE DISTURBED WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
5. UNSUITABLE MATERIAL, ROOTS AND STUMPS WITHIN THE LIMITS OF ROADBED SHALL BE REMOVED AS ORDERED.
6. DIMENSIONS, ANGLES, BEARINGS, AND ELEVATIONS SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM LIMITED FIELD INVESTIGATIONS AND SURVEY AND MAY NOT ACCURATELY REFLECT ACTUAL FIELD CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY PROJECT WORK. ANY DISCREPANCIES IN DIMENSIONS, CHARACTER OR EXTENT OF THE EXISTING FEATURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ADVANCING THE WORK. SHOP DRAWINGS REQUIRED FOR VARIOUS ITEMS OF THE WORK SHALL INDICATE THE ACTUAL FIELD MEASUREMENTS AND SHALL BE SO NOTED.
7. REMOVE TOPSOIL FOR ITS TOTAL DEPTH WITHIN THE LIMITS OF THE SLOPE LINES. UNLESS OTHERWISE DIRECTED, STOCKPILE TOPSOIL AND USE IT ON THIS PROJECT AS NEEDED UNDER SECTION 646.
8. THE CONTRACTOR SHALL CONTACT DIGSAFE AT 811 A MINIMUM OF 72 HOURS PRIOR TO ANY EXCAVATION.
9. SHOULD ANY ALTERING, ADJUSTING, OR RELOCATING OF UTILITIES BE REQUIRED, THIS WORK SHALL BE COMPLETED BY THE APPROPRIATE UTILITY COMPANY AND IS NOT PART OF THIS CONTRACT. HOWEVER, THE CONTRACTOR SHALL FACILITATE THE UTILITY COMPANY IN THEIR PERFORMANCE OF THIS WORK.
10. ANY DITCHLINES THAT EXCEED 6 PERCENT IN GRADE SHALL BE LINED WITH RIP-RAP OR TURF REINFORCEMENT MATTING AS SPECIFIED ON THE PLANS.
11. ALL SIGNS, MAILBOXES, PROPERTY BOUNDS, ETC. DISTURBED BY THE CONSTRUCTION ACTIVITIES SHALL BE RESET BY THE CONTRACTOR OR HIS AGENT.
12. SAWCUT ALL EXISTING PAVEMENT AT LIMITS OF WORK.
13. CONTRACTOR SHALL COORDINATE WITH THE FIELD ENGINEER AND REMOVE TREES AS NECESSARY TO COMPLETE THE WORK AND/OR AS DIRECTED BY THE TOWN ENGINEER.
14. CONSTRUCT PAVED DRIVE APRON FOR ALL EXISTING DRIVEWAYS AS DIRECTED.
15. ALL NEW EMBANKMENT SLOPES SHALL BE LOAMED AND SEEDED. MULCH AS DIRECTED.
16. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR TRAFFIC CONTROL AND ASSOCIATED SIGNAGE AND WARNING DEVICES DURING EXECUTION OF THIS CONTRACT.
17. CATCH BASIN RIM ELEVATIONS SHALL BE SET TO ASPHALT BINDER GRADE. FUTURE WEARING COURSE SHALL TAPER INTO THE GRATE.
18. GROUND SURVEY AND BASE PLAN PROVIDED BY SANDFORD SURVEYING AND ENGINEERING, INC, BEDFORD, NH.
19. TYPICAL SECTIONS AND DETAILS PROVIDED BY TOWN OF BEDFORD, NH.
20. EXPOSED SOILS IN DELINEATED WETLANDS AT OUTFALLS AND ALONG SWALES WILL BE SEEDED WITH ERNMX-137, SPECIALIZED WETLAND MIX FOR SHADED OBL-FACW AREAS, OR EQUIVALENT.
21. CONTRACTOR TO MAINTAIN EXISTING DRIVE PIPES UNLESS OTHERWISE NOTED.



KEY PLAN

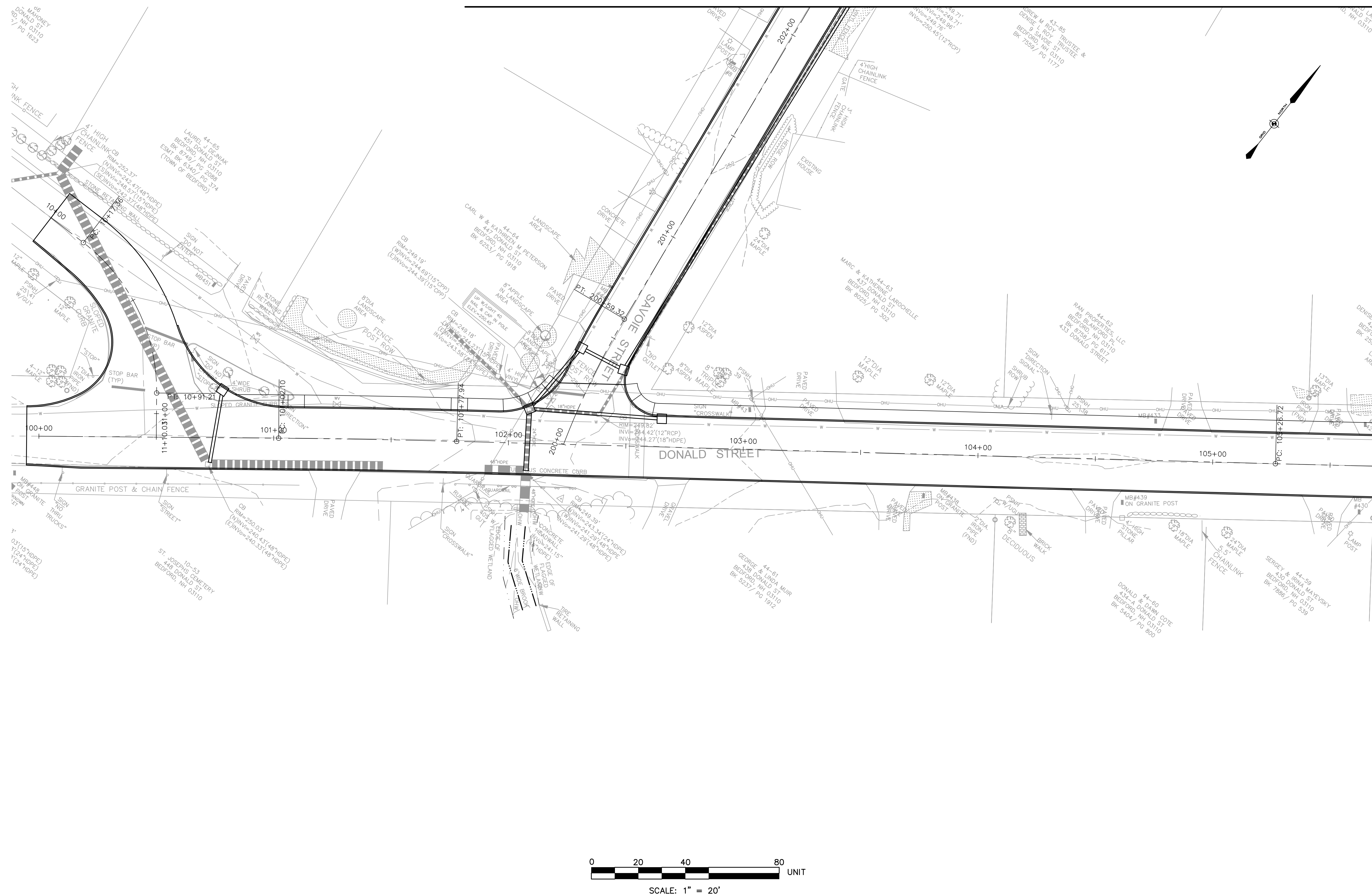
DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE				PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		GENERAL NOTES AND KEY PLAN													
SHEET: 1 OF 42 SCALE: AS SHOWN				DATE: APRIL 2017		PROJ. ???-2017													
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DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT
BEDFORD, NEW HAMPSHIRE

HEET: 2 OF 42 SCALE: AS SHOWN

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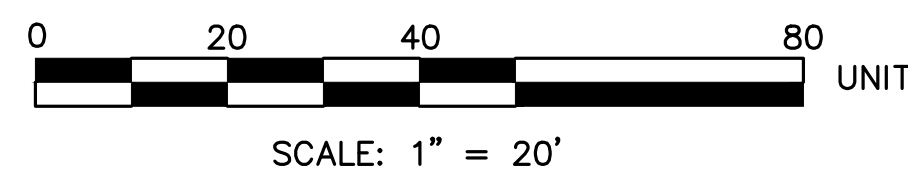
TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NEW HAMPSHIRE 03110

GENERAL PLAN 2

DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT

BEDFORD, NEW HAMPSHIRE

SHEET: 3 OF 42	SCALE: AS SHOWN	DATE: APRIL 2017	PROJ. ???-2017
		NO.	DATE
		NO.	REVISION DESCRIPTION



DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT

BEDFORD, NEW HAMPSHIRE

SHEET: 4	OF 42	SCALE: AS SHOWN
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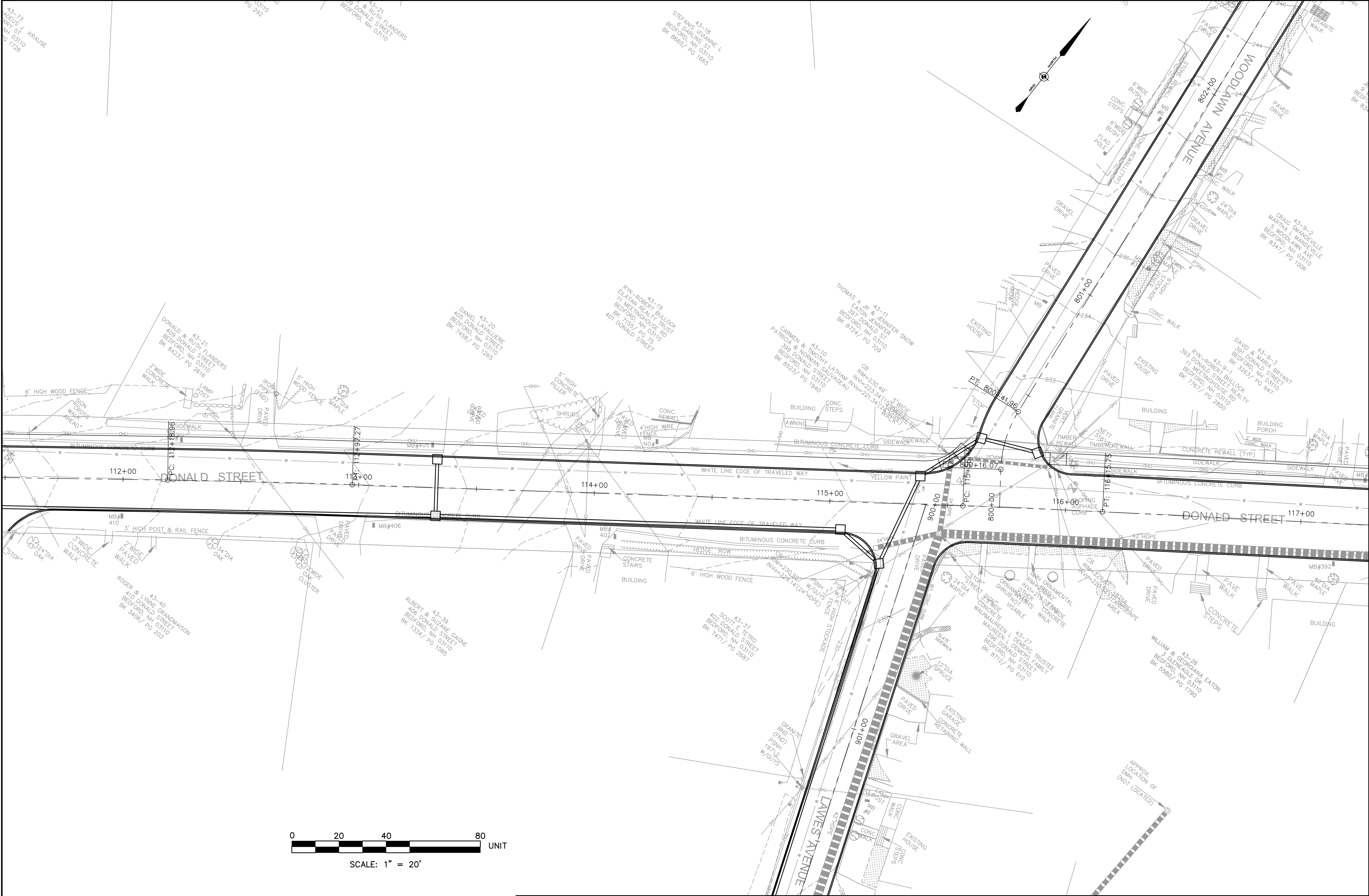
GENERAL PLAN 3

NO.	DATE	REVISION DESCRIPTION
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MATCHLINE SHEET 4

MATCHLINE SHEET 8

MATCHLINE SHEET 9



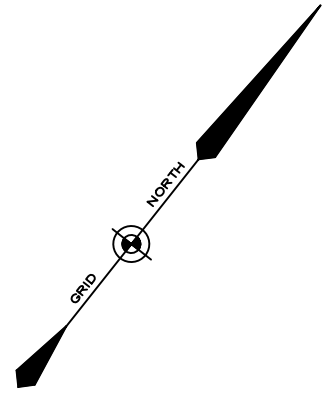
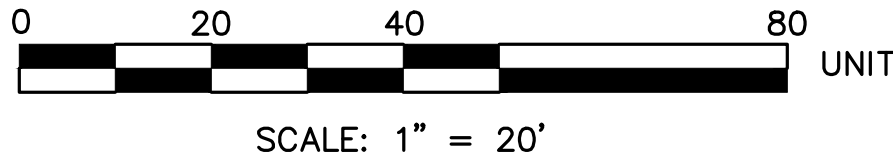
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MATCHLINE SHEET 6

DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	SHEET: 5	OF	42	SCALE: AS SHOWN	PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110	GENERAL PLAN 4						
							NO.	DATE	REVISION DESCRIPTION			

MATCHLINE SHEET 2

MATCHLINE SHEET 5



GENERAL PLAN 5

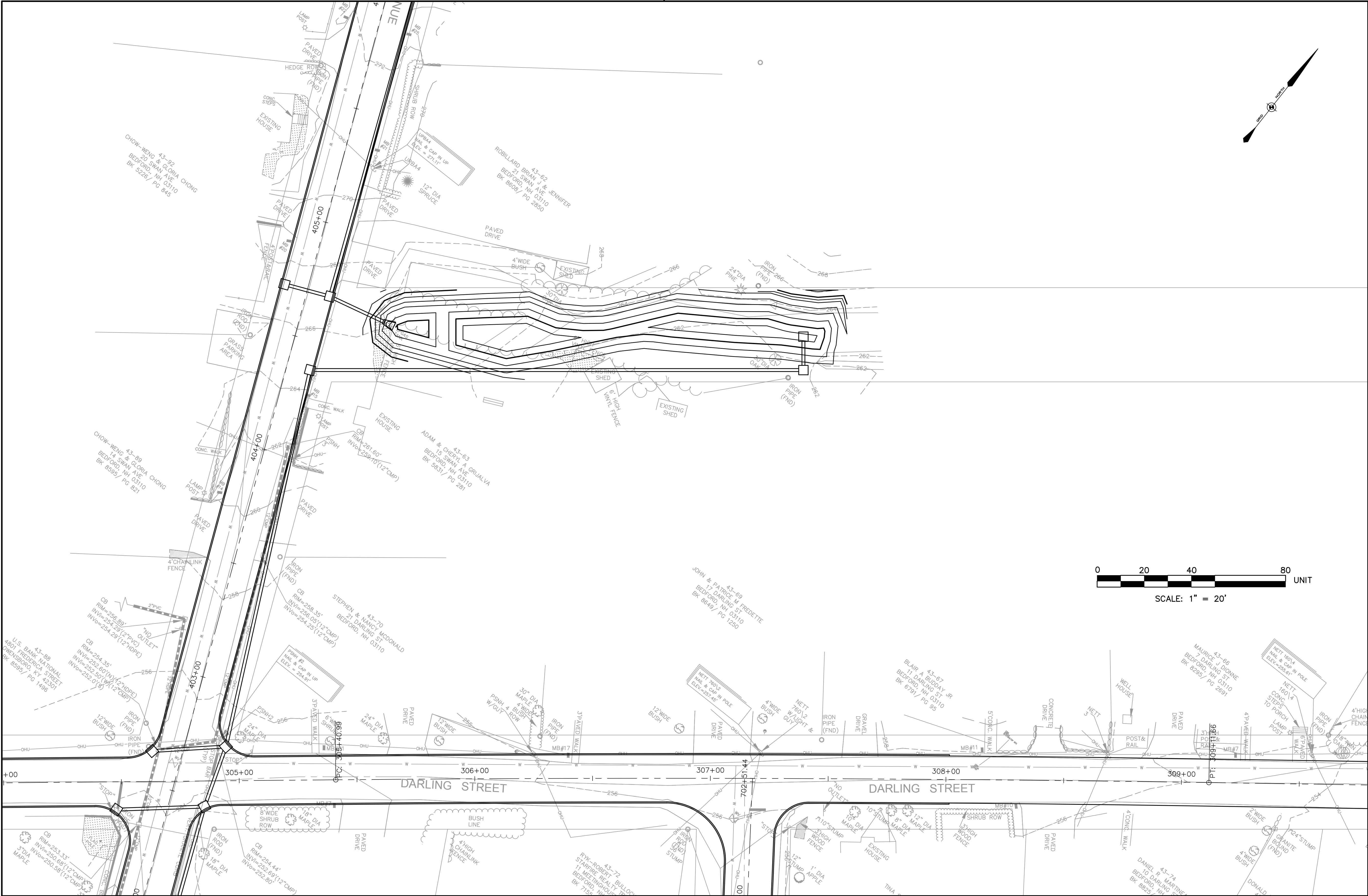
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MATCHLINE SHEET 11

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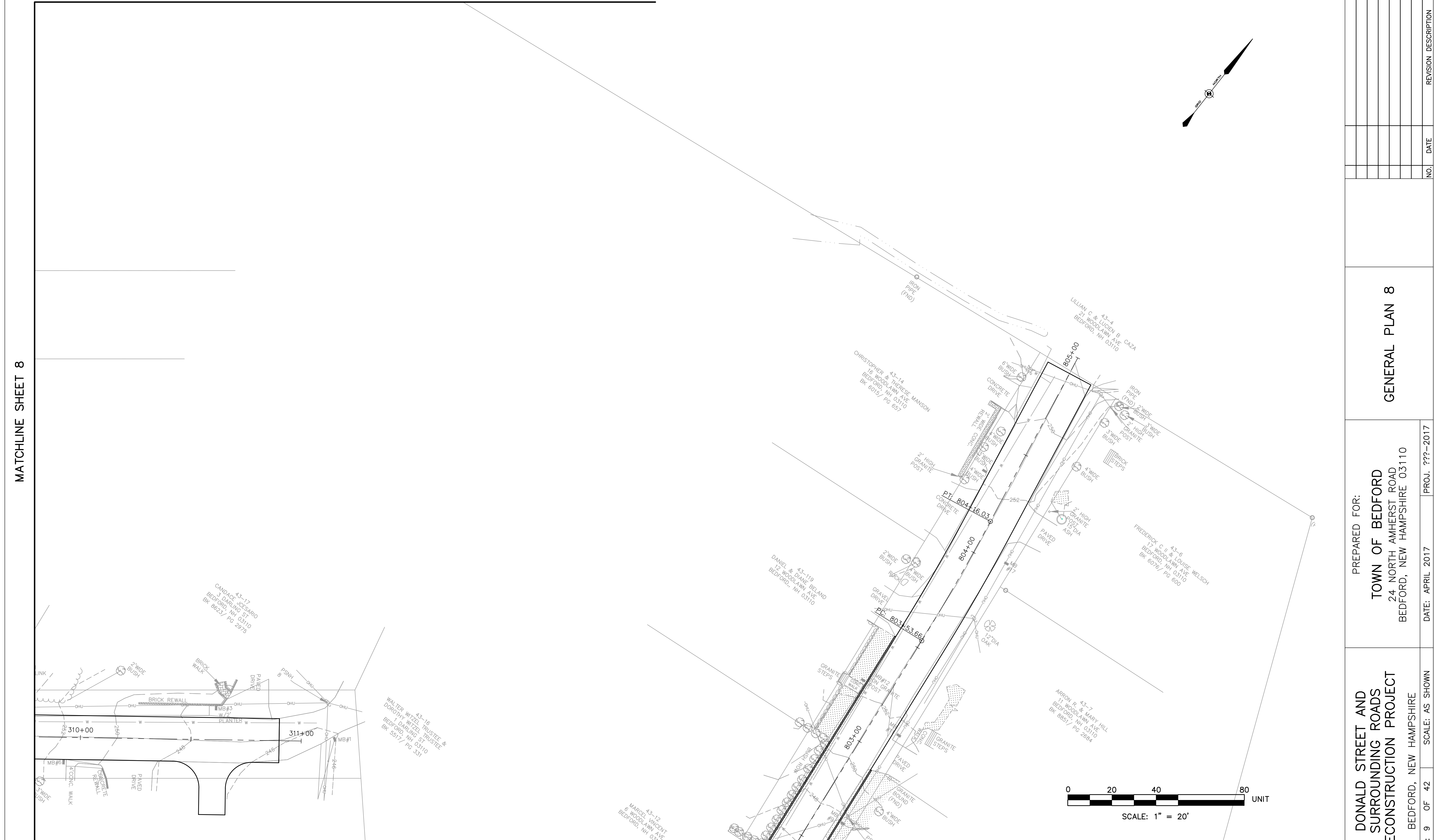


MATCHLINE SHEET 4

MATCHLINE SHEET 5

MATCHLINE SHEET 9

DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110	GENERAL PLAN 7	NO.	DATE	REVISION DESCRIPTION
SHEET: 8	OF 42	SCALE: AS SHOWN	PROJ. ???-2017	DATE: APRIL 2017	



DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		GENERAL PLAN 8			
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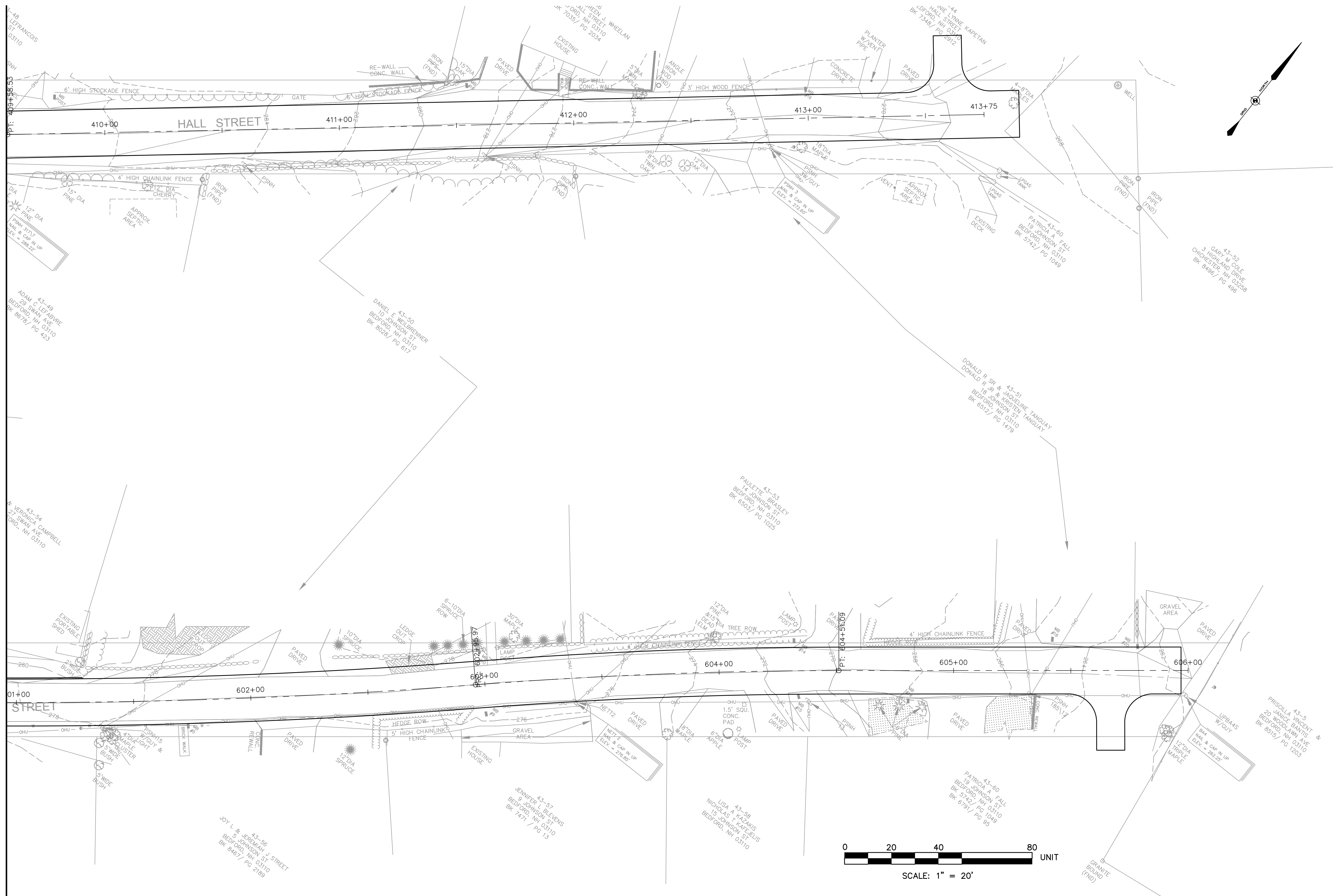
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SHEET: 10 OF 40

GENERAL PLAN 9

MATCHLINE SHEET 10



MATCHLINE SHEET 8

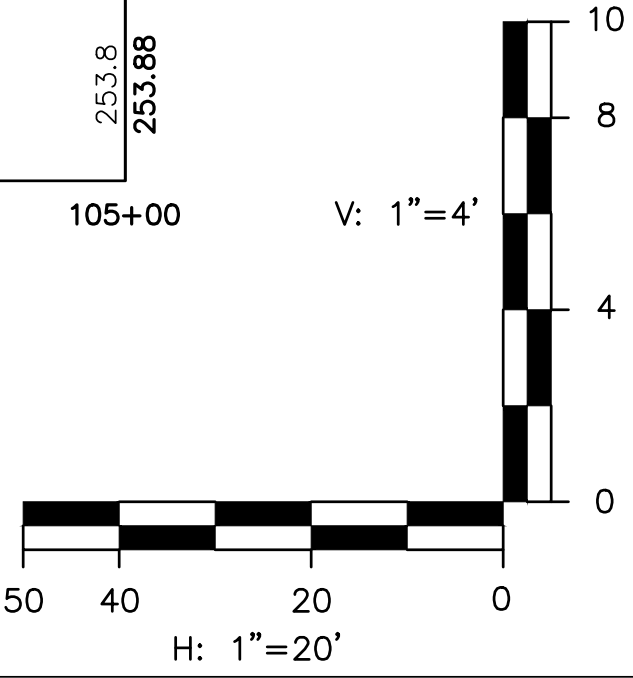
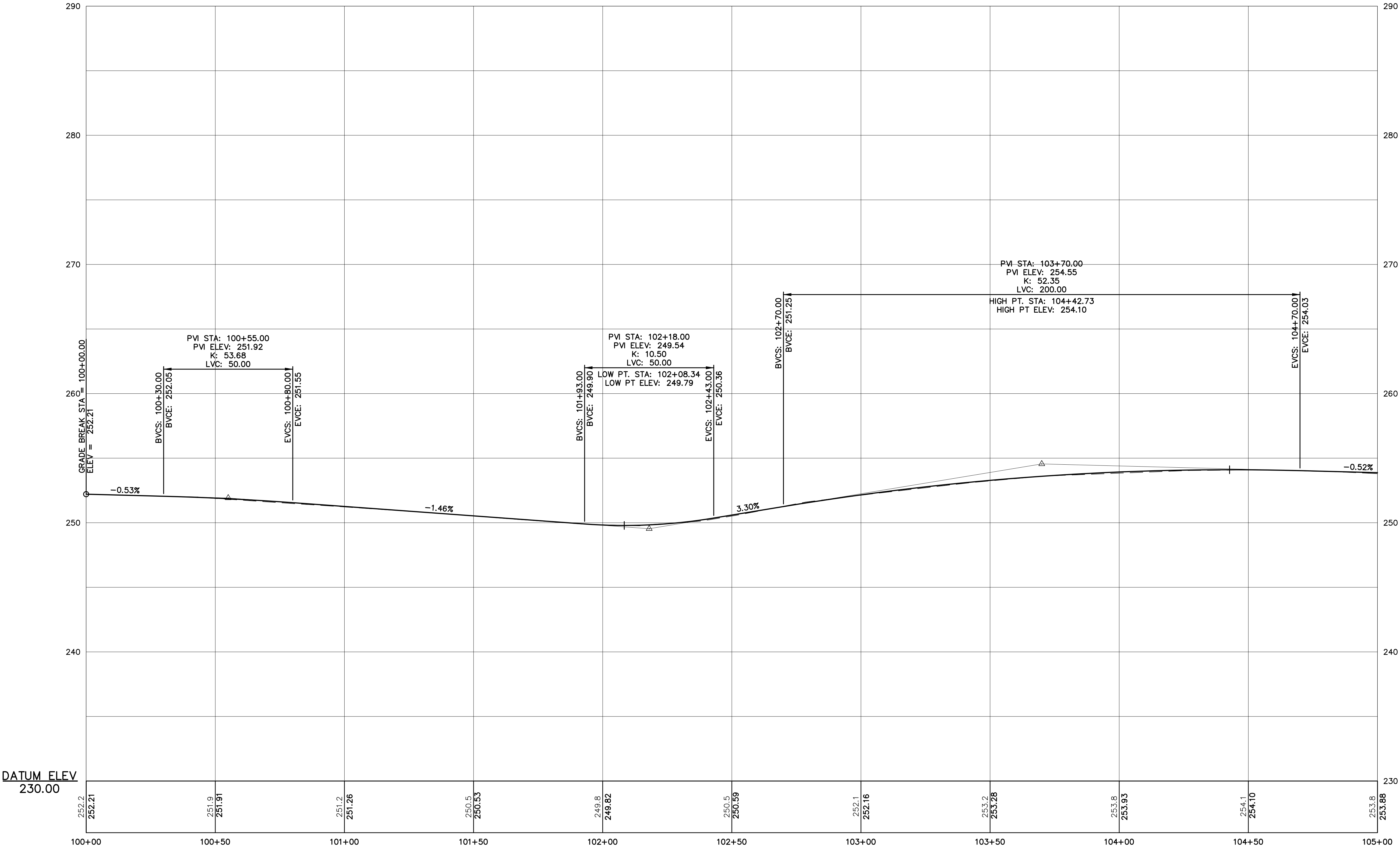
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DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT
BEDFORD, NEW HAMPSHIRE

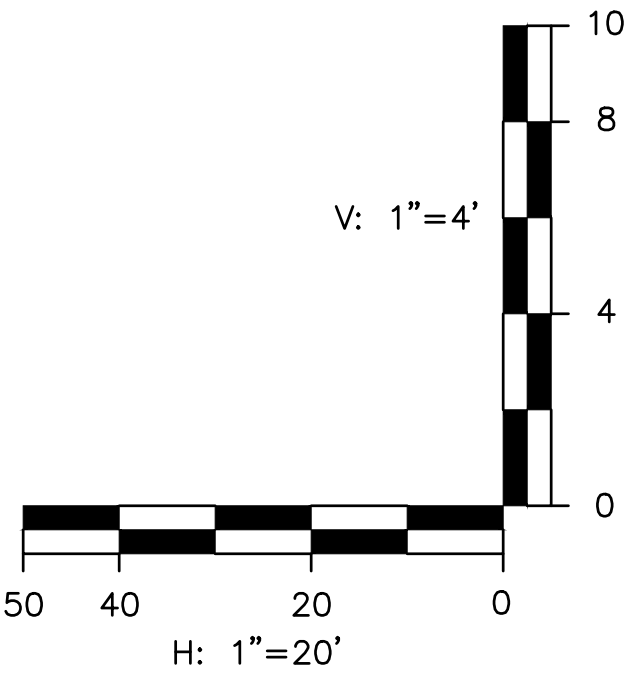
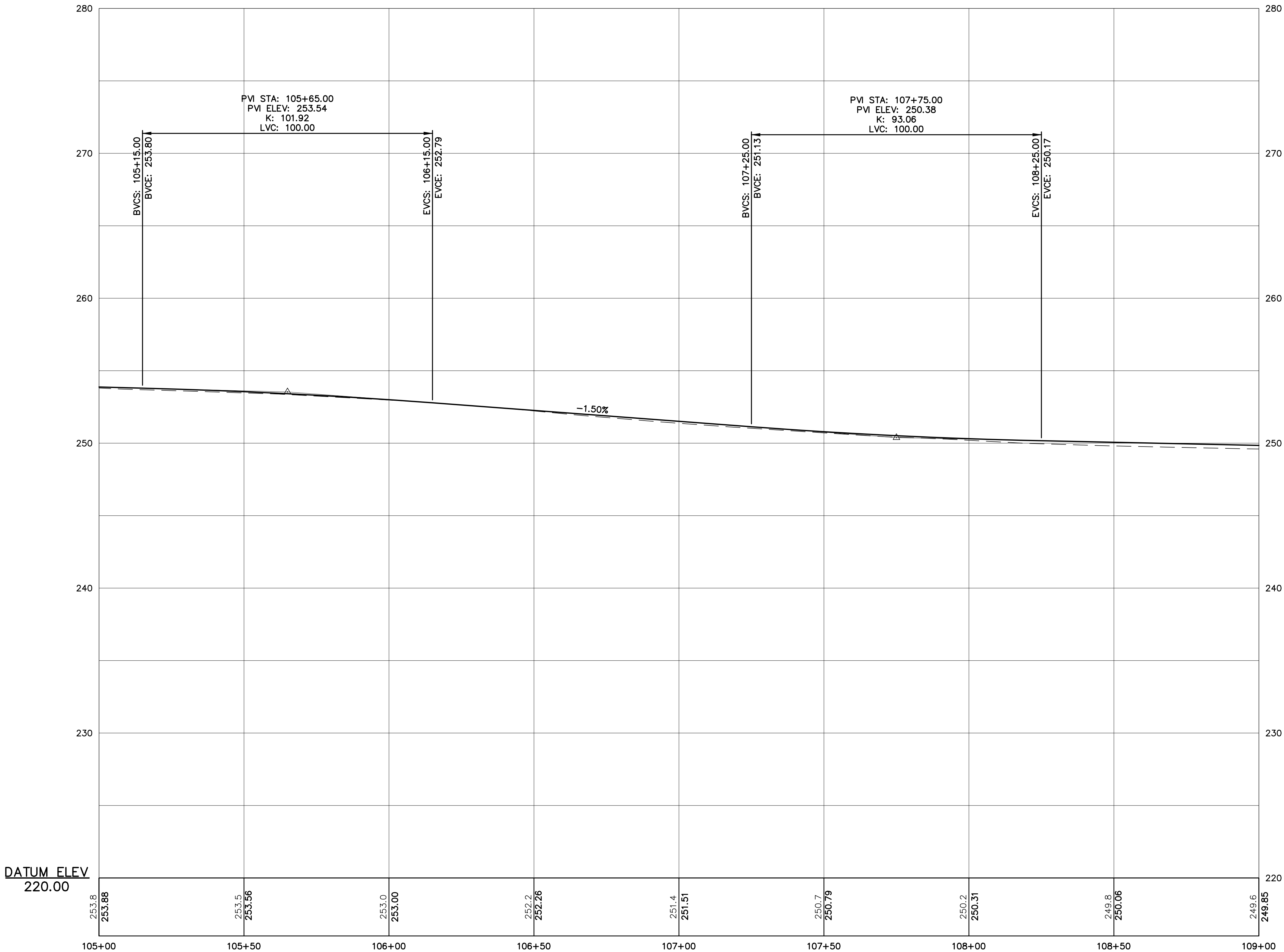
PREPARED FOR:
TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NEW HAMPSHIRE 03110

GENERAL PLAN 10

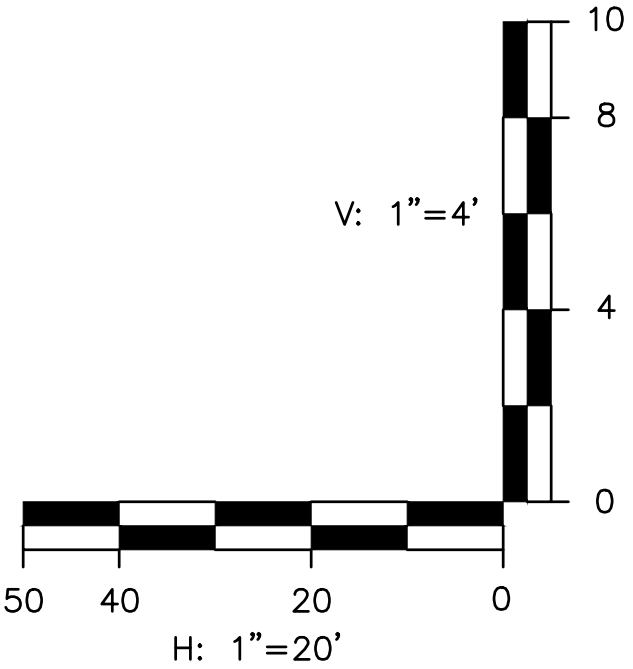
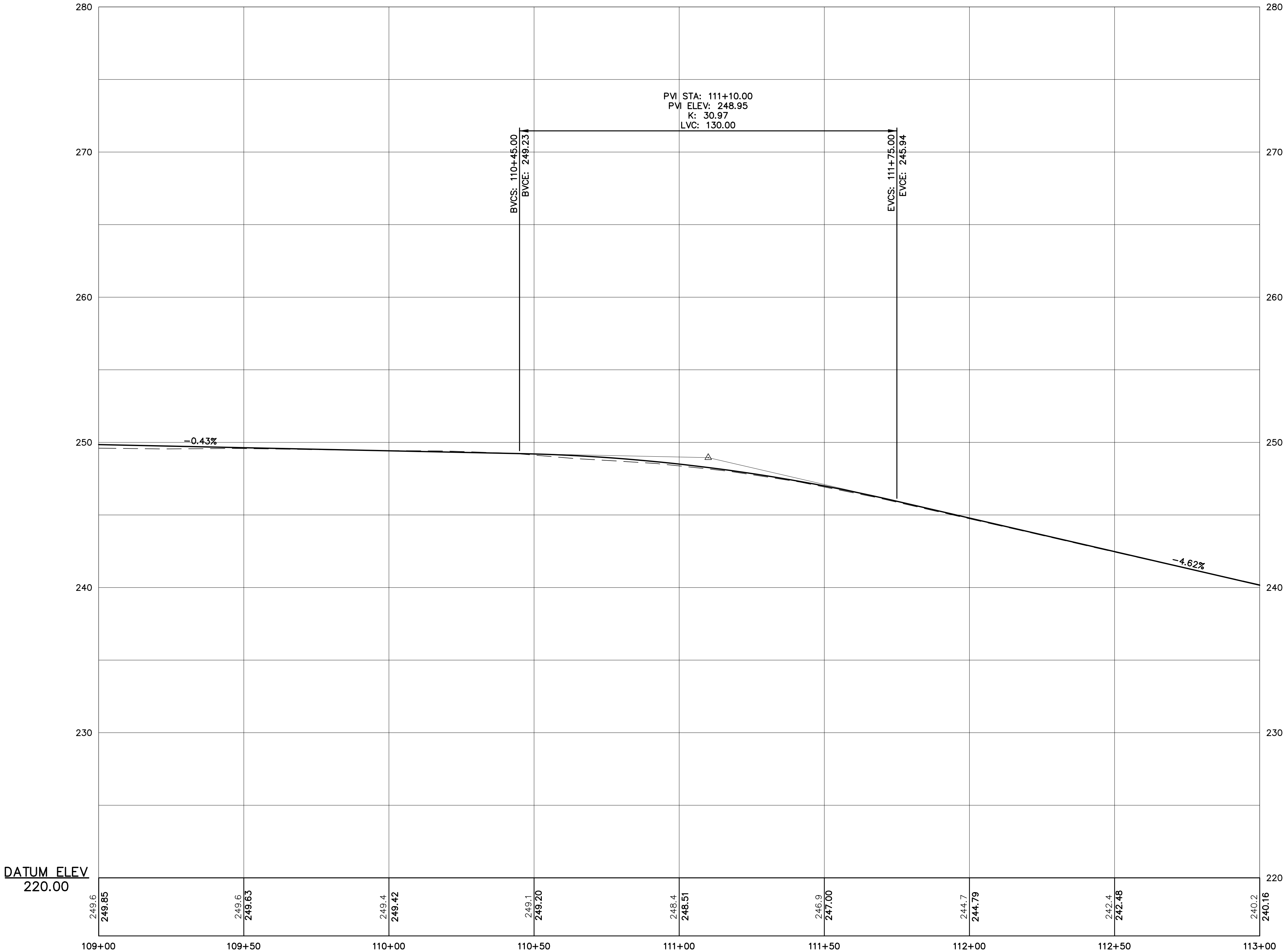
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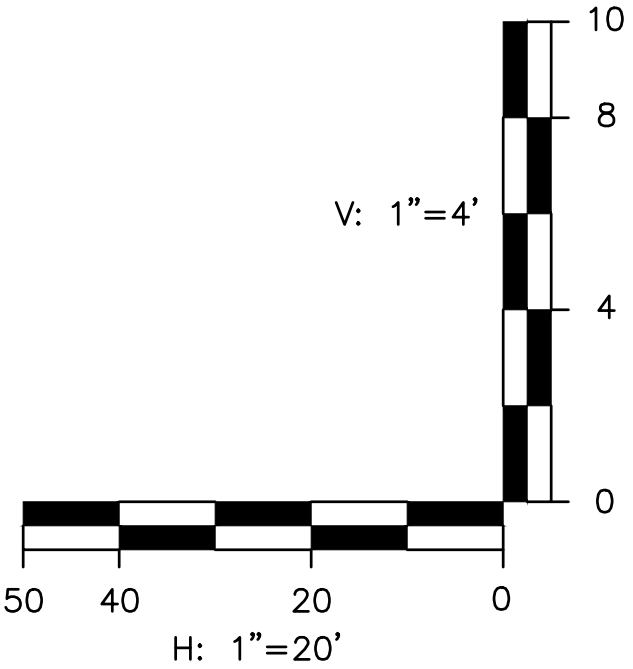
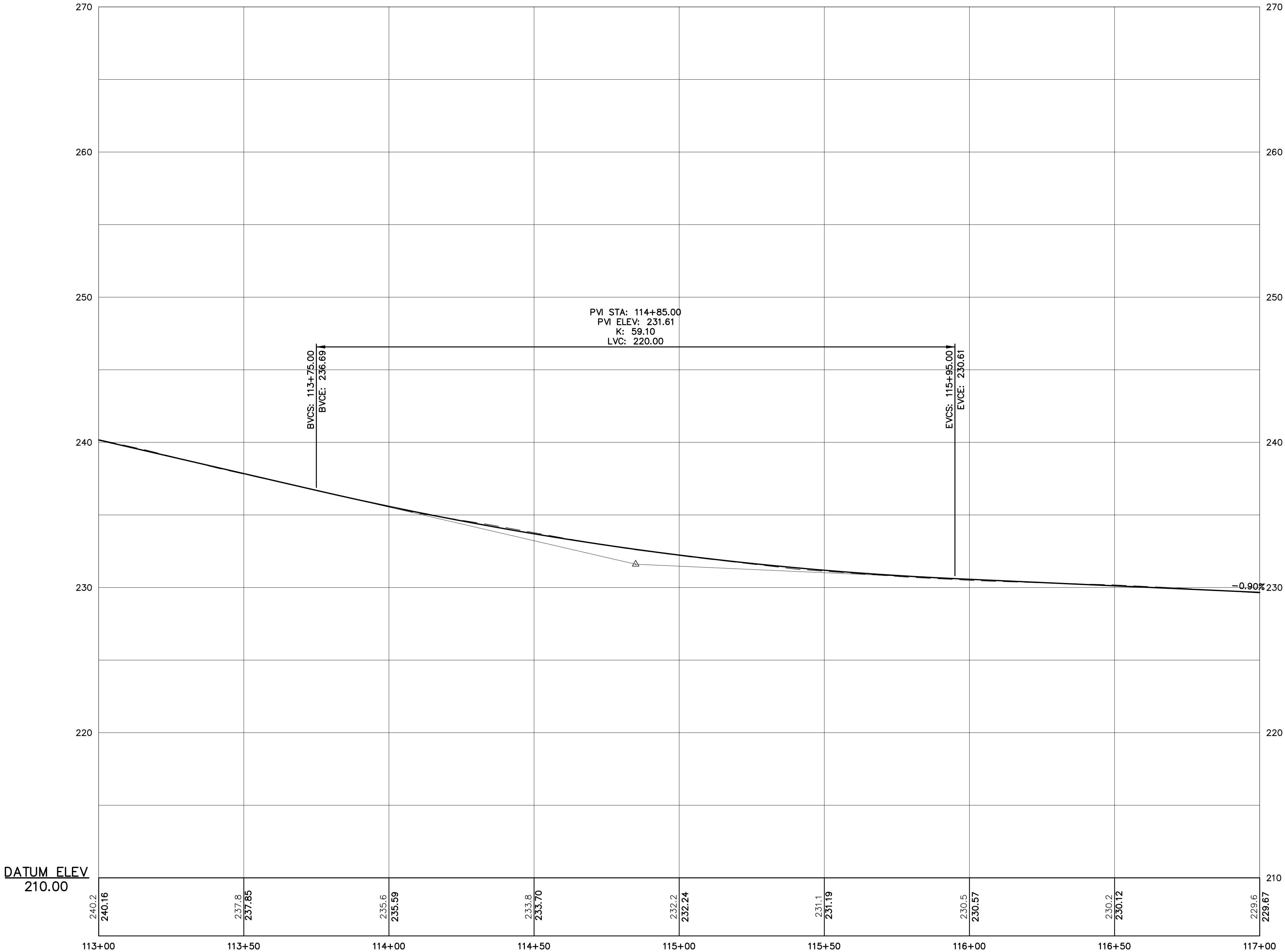
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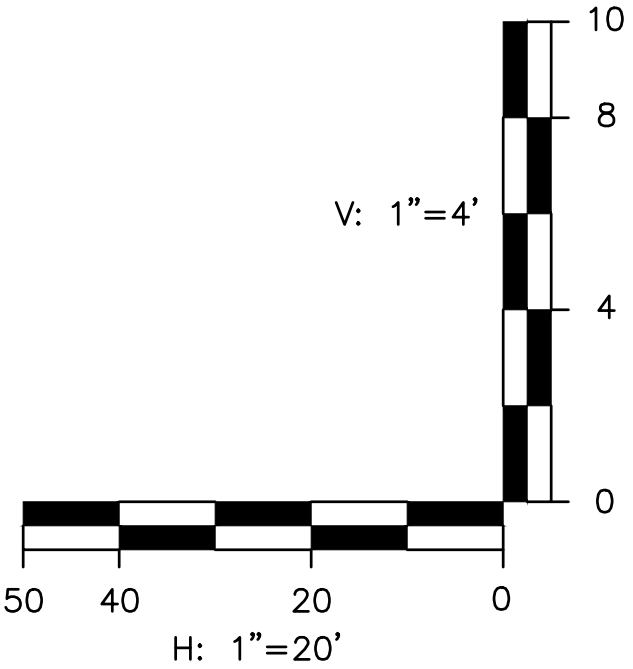
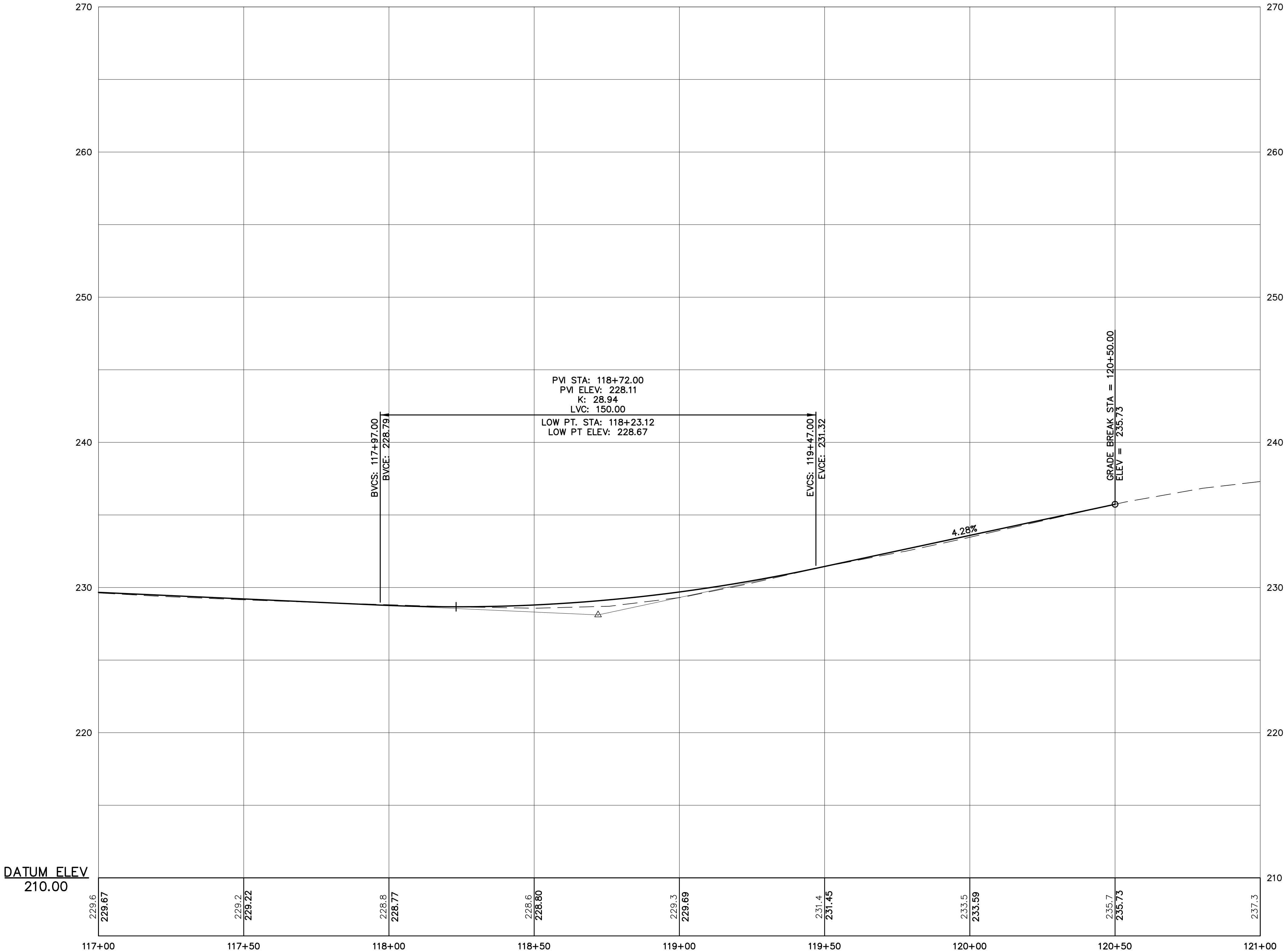
DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		DONALD STREET PROFILE 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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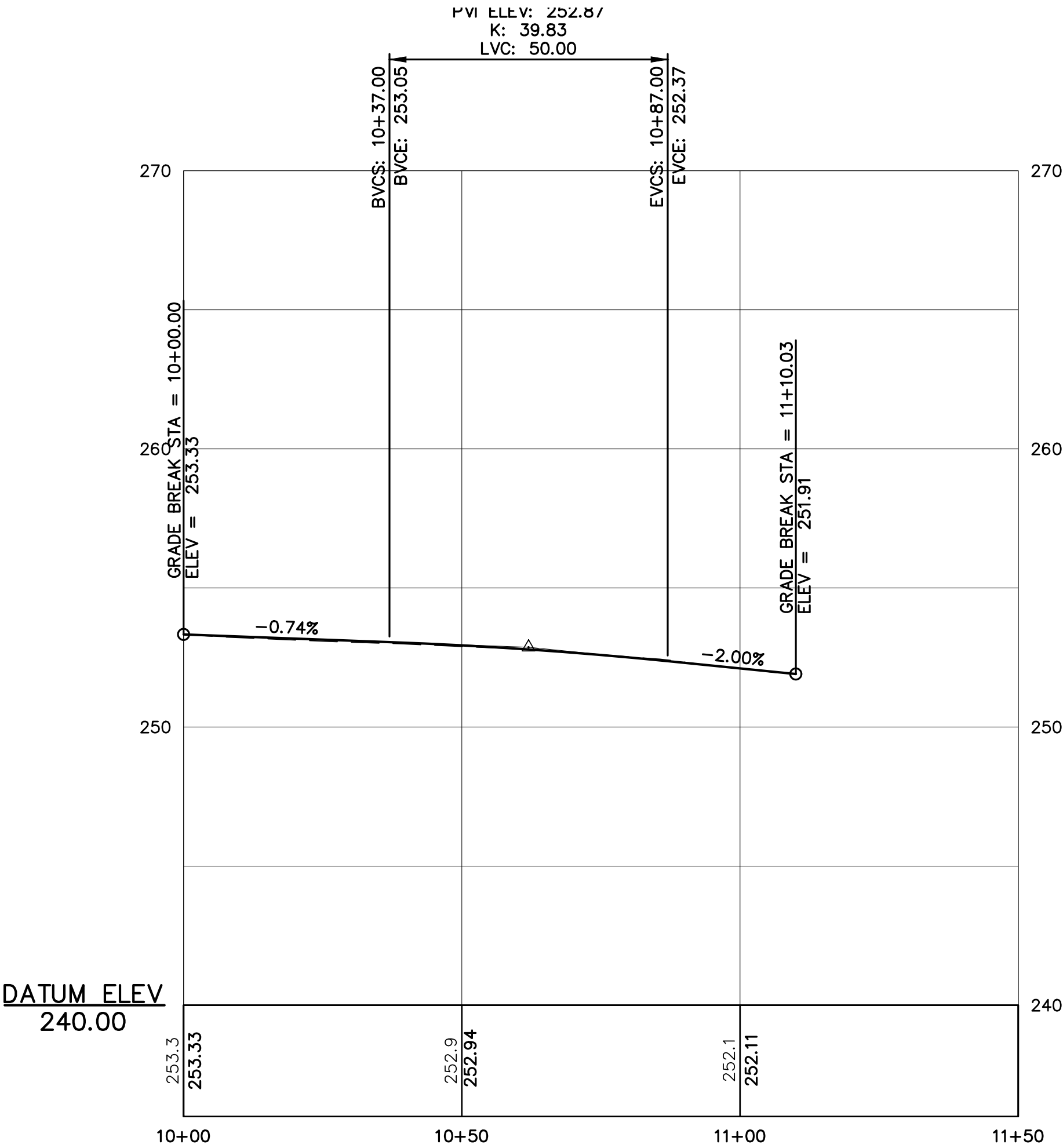
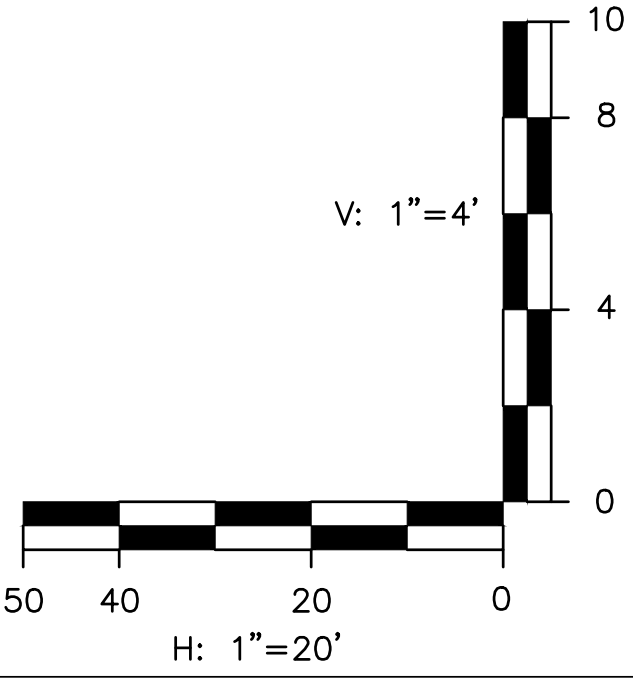
DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		DONALD STREET PROFILE 3	
SHEET: 15	OF 42	SCALE: AS SHOWN	DATE: APRIL 2017	PROJ. ???-2017		
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DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		DONALD STREET PROFILE 4	
SHEET: 16 OF 42			SCALE: AS SHOWN		DATE: APRIL 2017	
					PROJ. ???-2017	

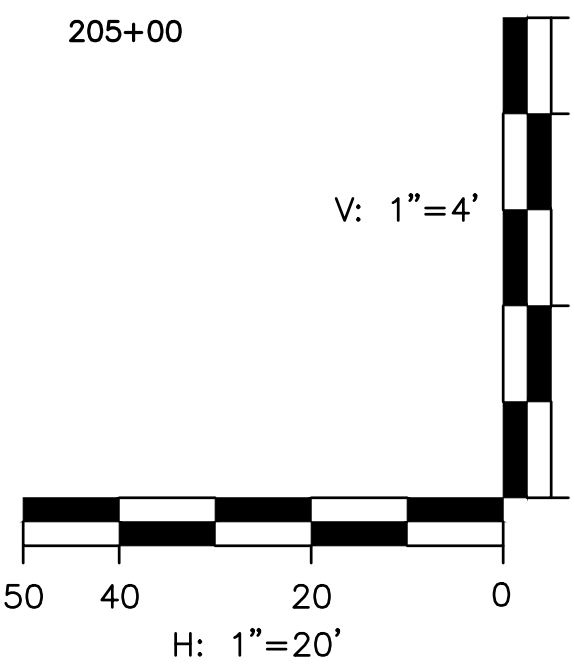
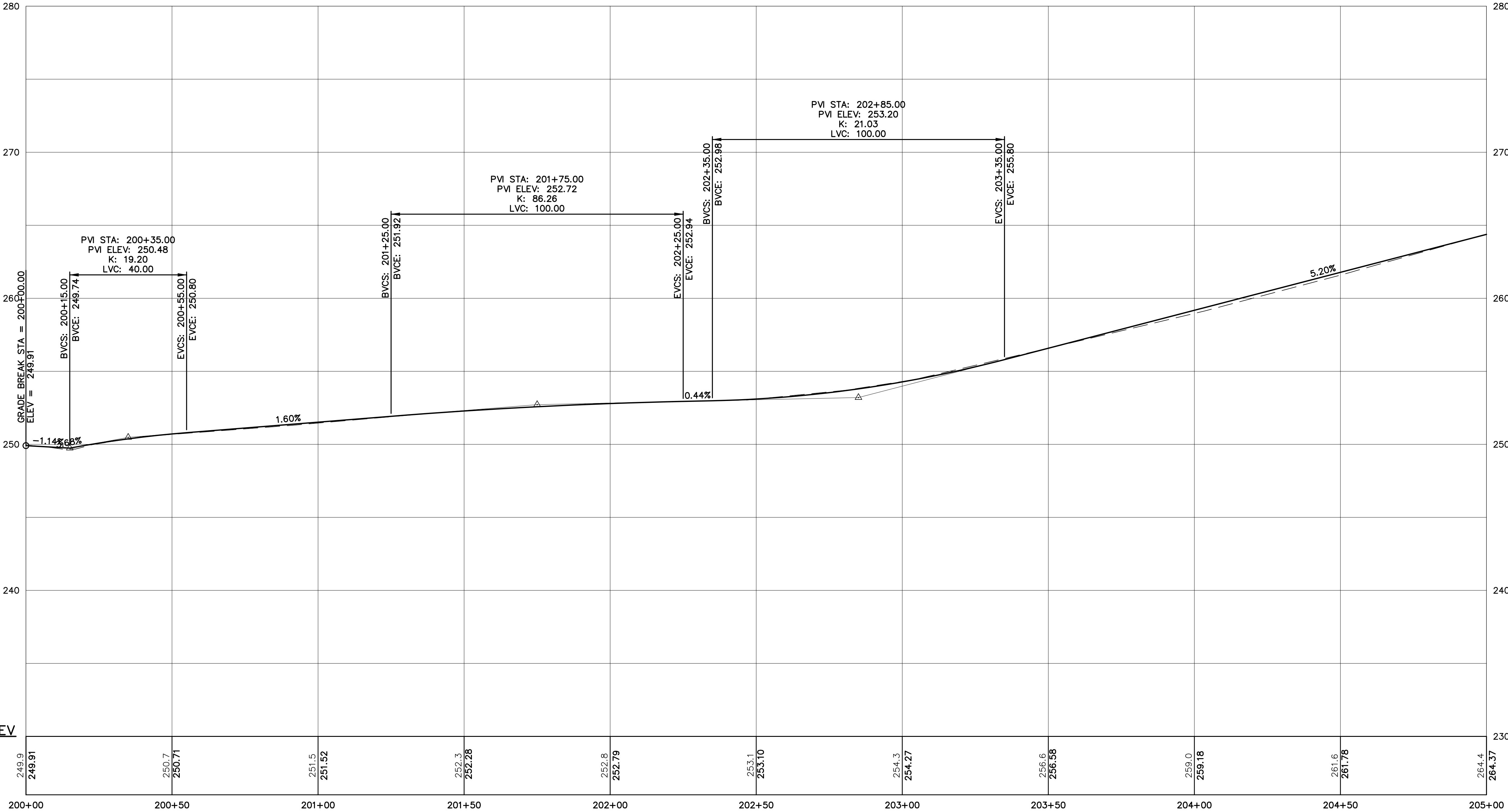


DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		DONALD STREET PROFILE 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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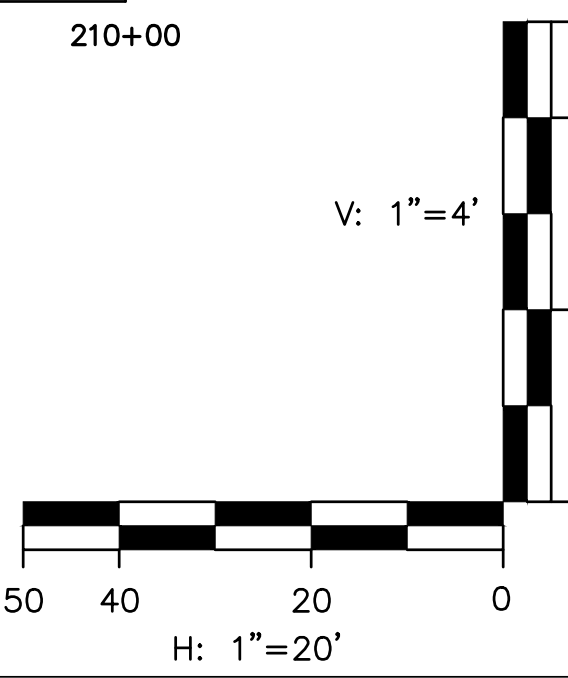


DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		DONALD STREET AND OLD BEDFORD ROAD INTERSECTION PROFILE 1	
SHEET: 18	OF 42	SCALE: AS SHOWN	DATE: APRIL 2017	PROJ. ???-2017		
					NO.	DATE
						REVISION DESCRIPTION

DATUM ELEV
230.00

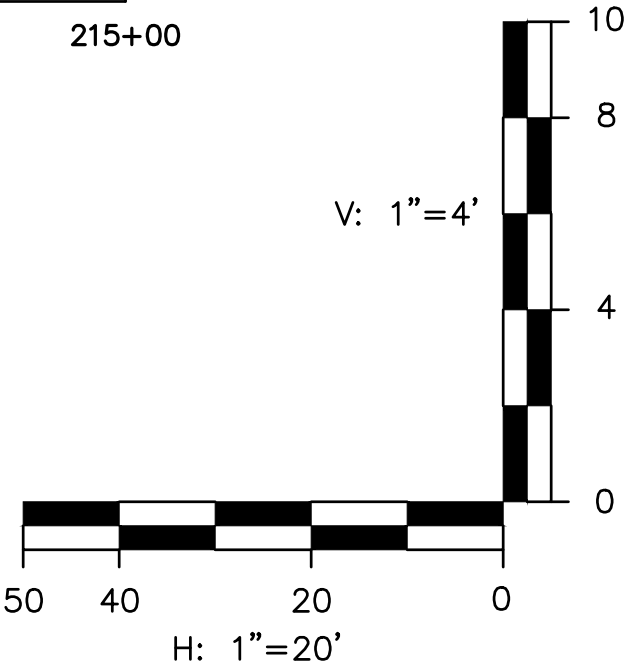
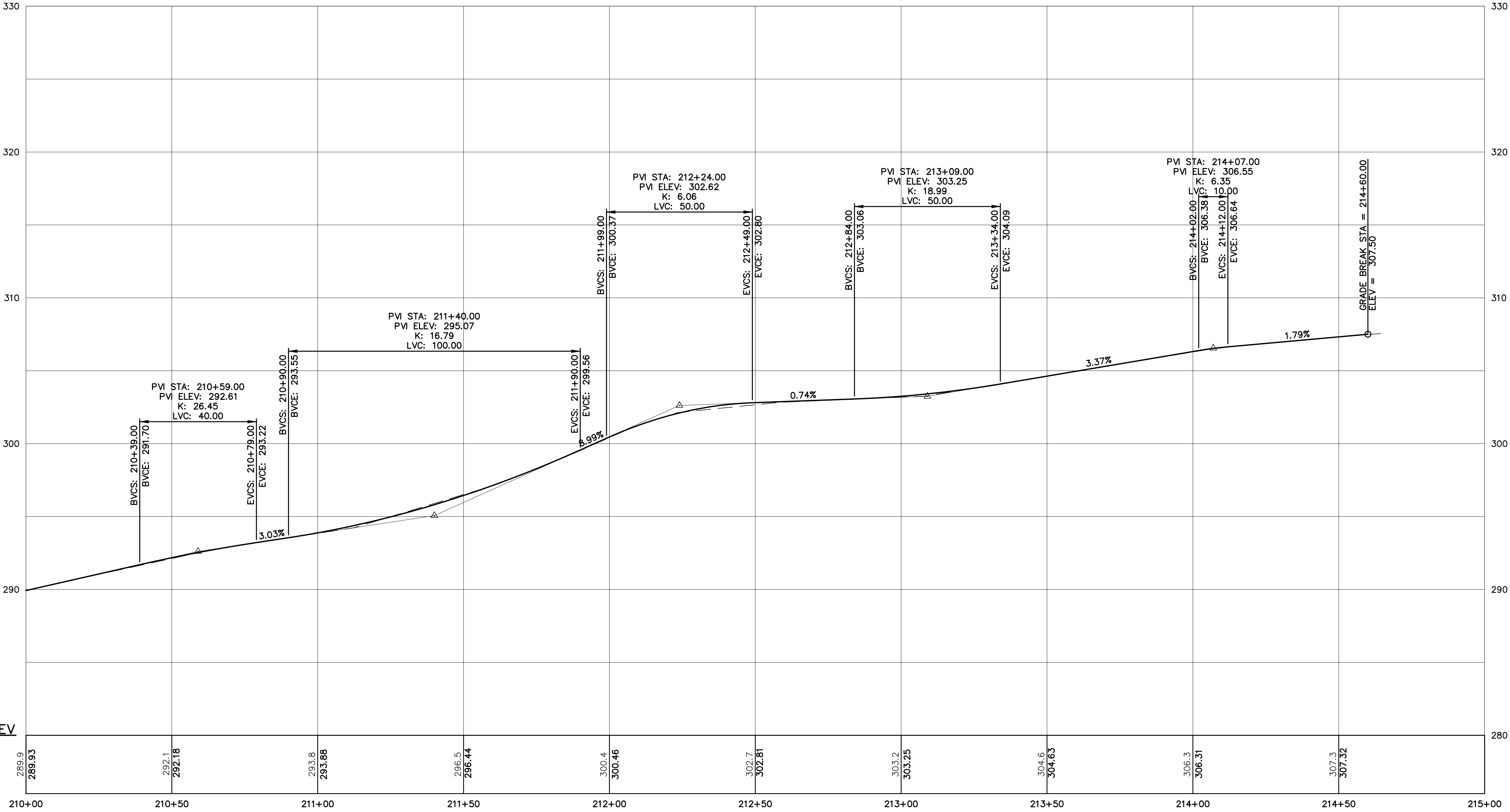


DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE				PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		SAVOIE STREET PROFILE 1			
SHEET: 19				OF 42		SCALE: AS SHOWN		BEDFORD, NEW HAMPSHIRE	
NO.				DATE		REVISION		DESCRIPTION	

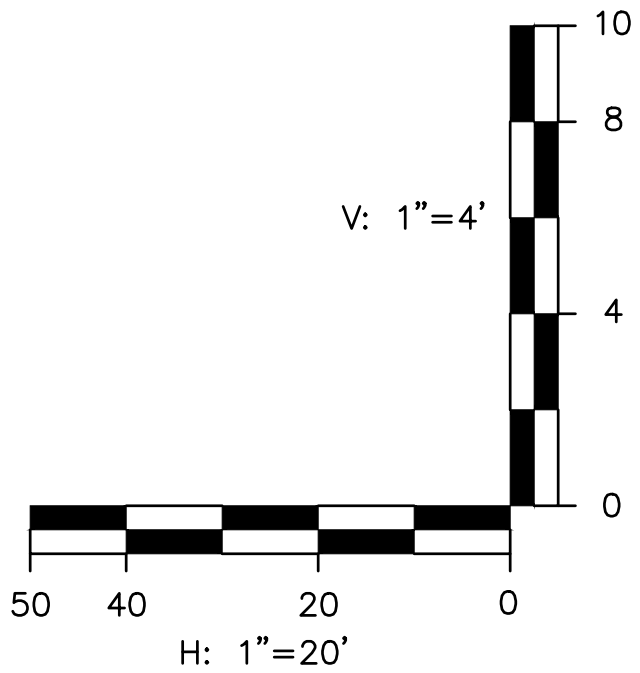
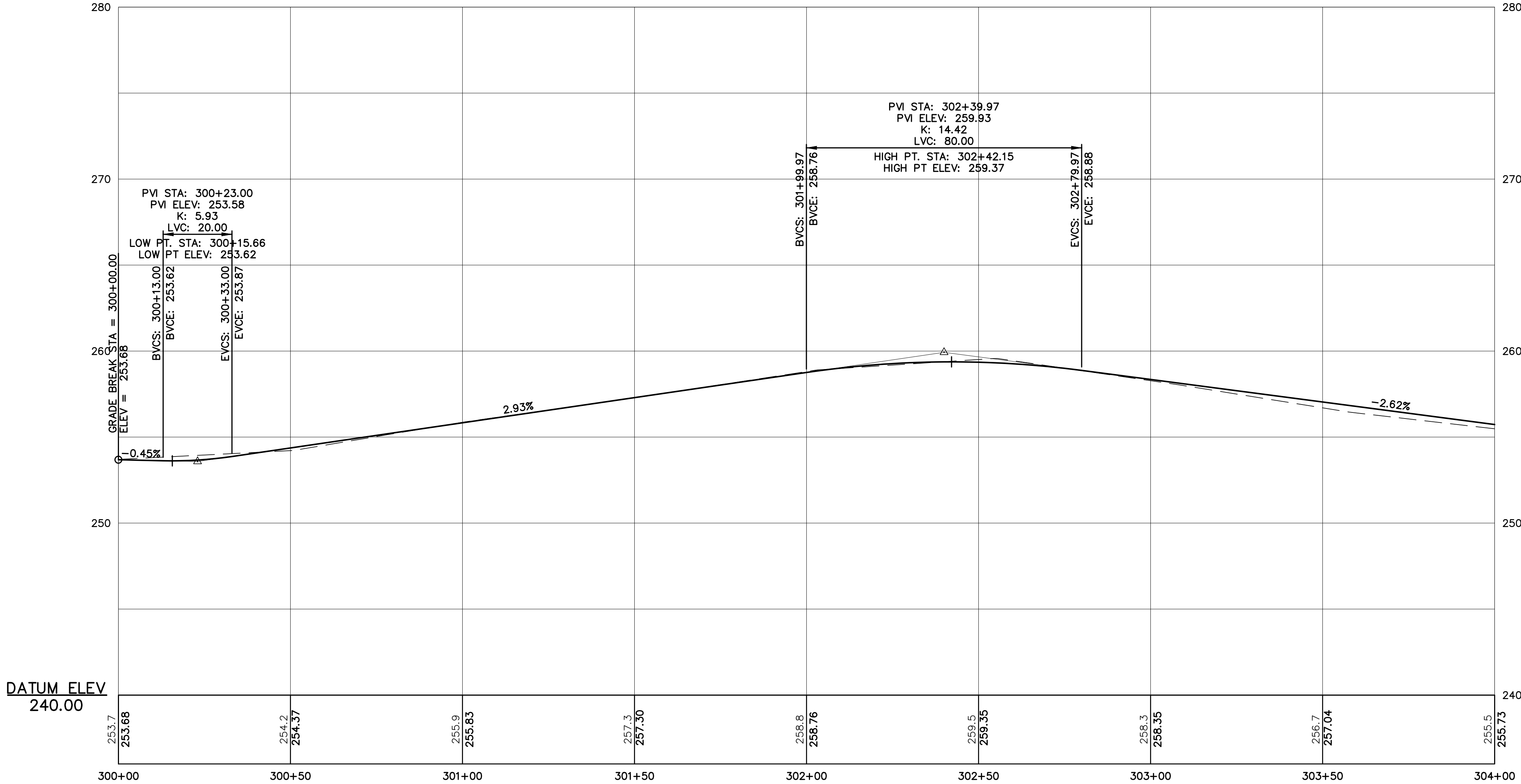
SAVOIE STREET
PROFILE 2

SHEET: 20 OF 42	SCALE: AS SHOWN	DATE: APRIL 2017	PROJ. ???-2017	NO.	DATE	REVISION DESCRIPTION

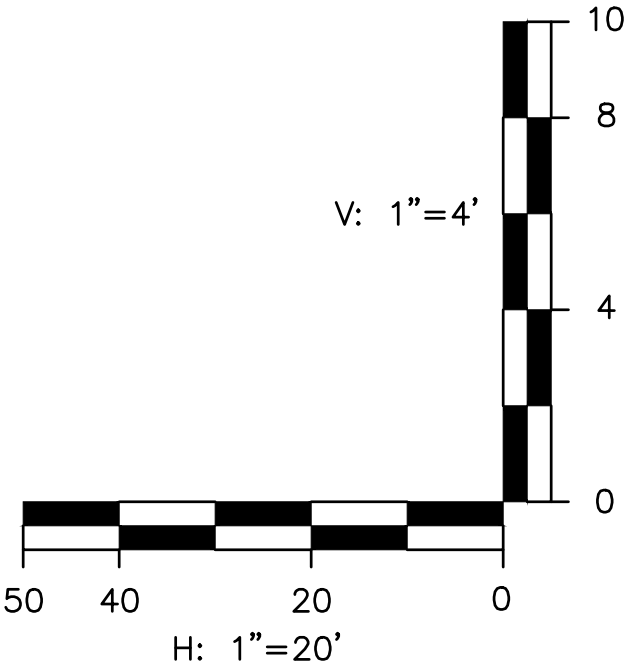
DATUM ELEV
280.00



DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	PREPARED FOR:		TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		SAVEOIE STREET PROFILE 3		NO.	DATE	REVISION DESCRIPTION							
SHEET: 21	OF	42	SCALE: AS SHOWN	PROJ. ???-2017	DATE: APRIL 2017											



DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	PREPARED FOR:			DARLING STREET PROFILE 1								
	TOWN OF BEDFORD											
	24 NORTH AMHERST ROAD											
	BEDFORD, NEW HAMPSHIRE 03110											
	DATE: APRIL 2017											
	PROJ. ???-2017											
SHEET: 22	OF	42	SCALE: AS SHOWN			NO.	DATE			REVISION DESCRIPTION		



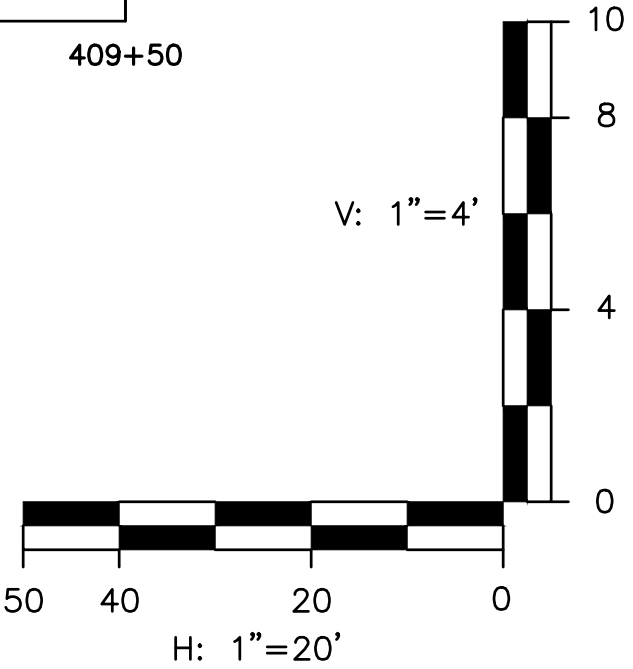
DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT
BEDFORD, NEW HAMPSHIRE

PREPARED FOR:

TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NEW HAMPSHIRE 03110

DARLING STREET
PROFILE 3

SHEET: 24	OF 42	SCALE: AS SHOWN	DATE: APRIL 2017	PROJ. ???-2017	NO.	DATE	REVISION DESCRIPTION
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DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT
BEDFORD, NEW HAMPSHIRE

PREPARED FOR:

TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NEW HAMPSHIRE 03110

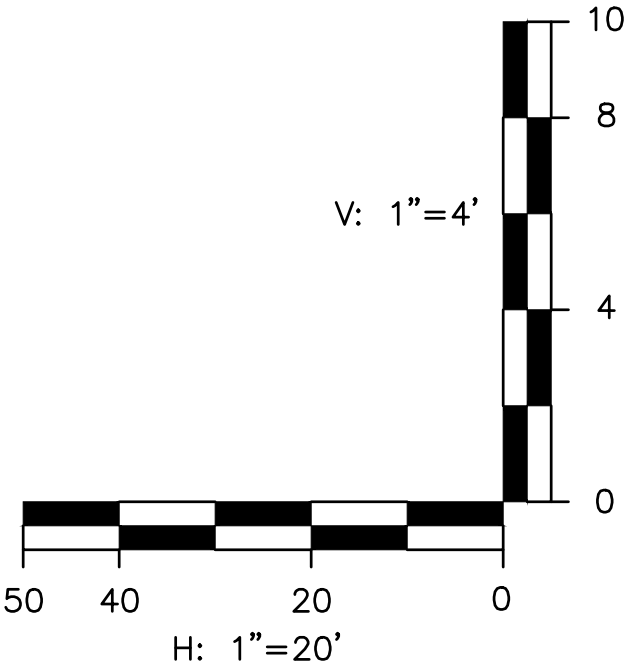
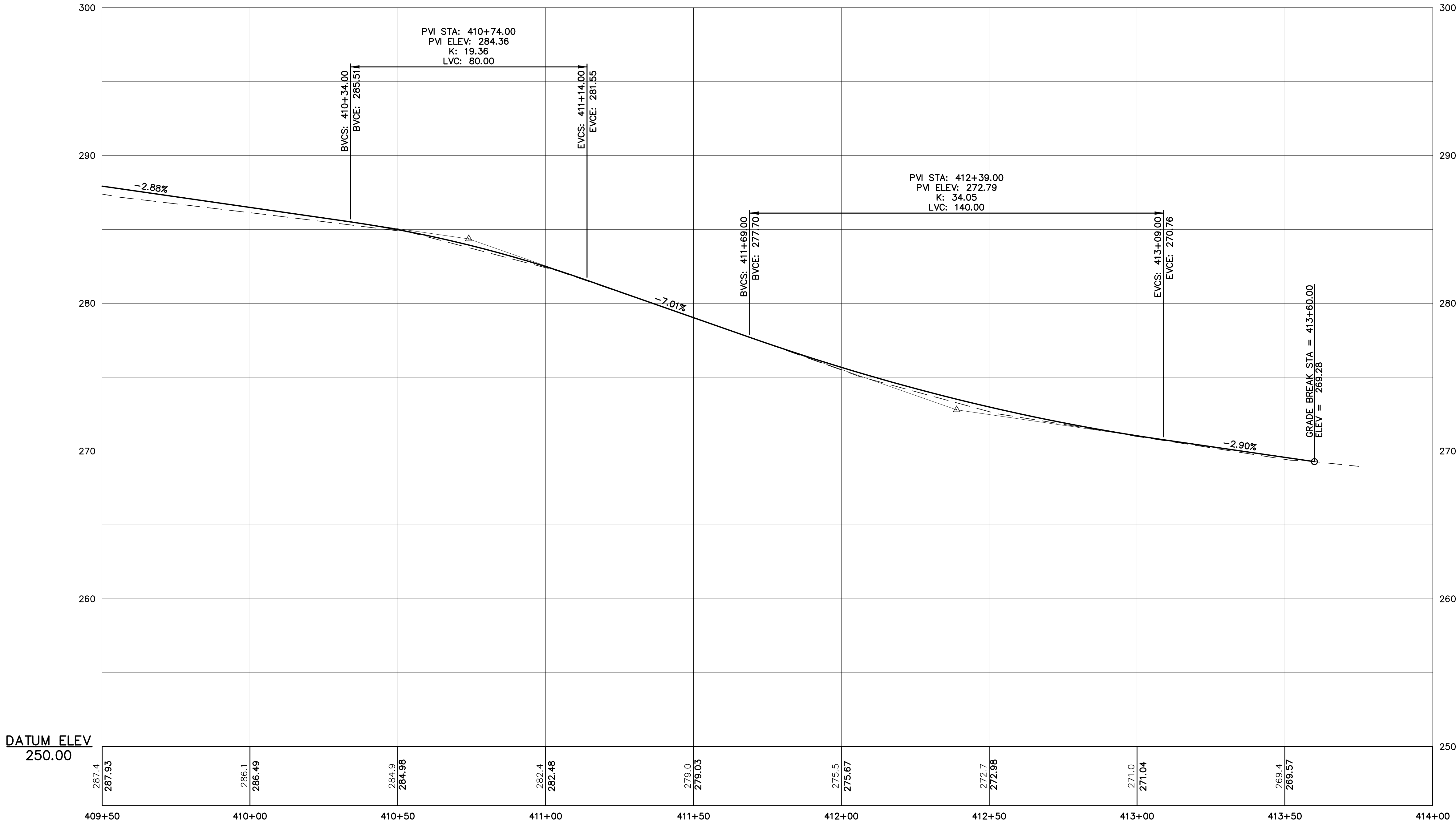
SHEET: 26 OF 42	SCALE: AS SHOWN
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DATE: APRIL 2017

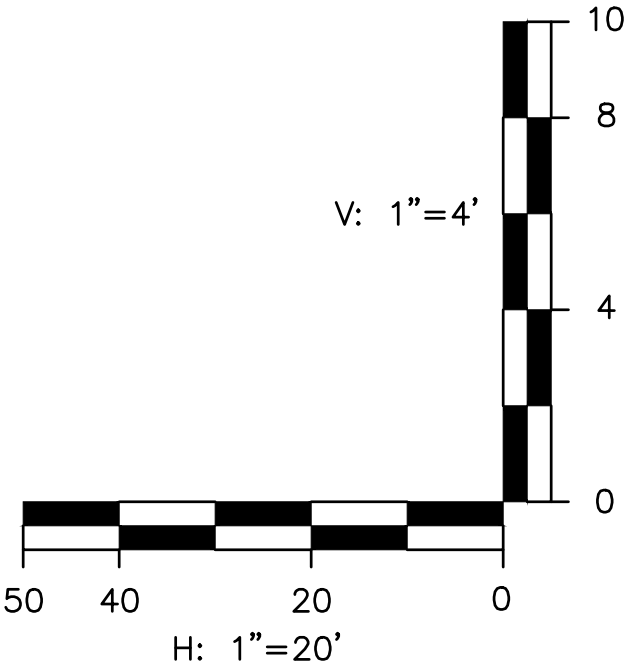
PROJ. ???-2017

SWAN AVENUE AND
HALL STREET
PROFILE 2

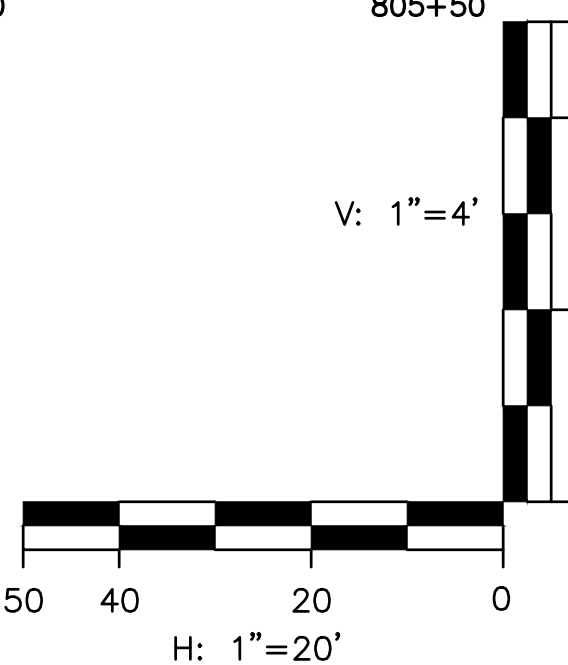
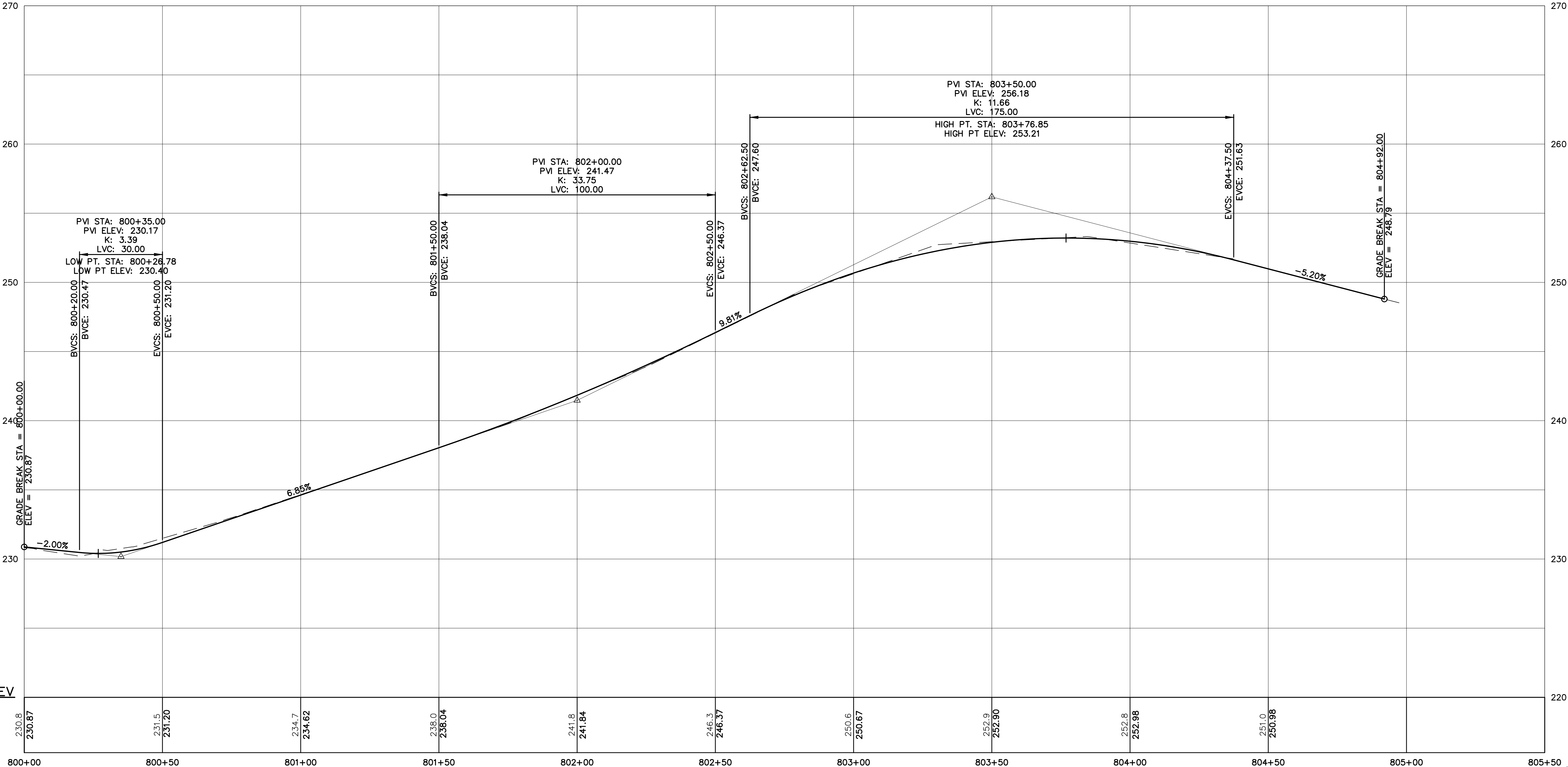
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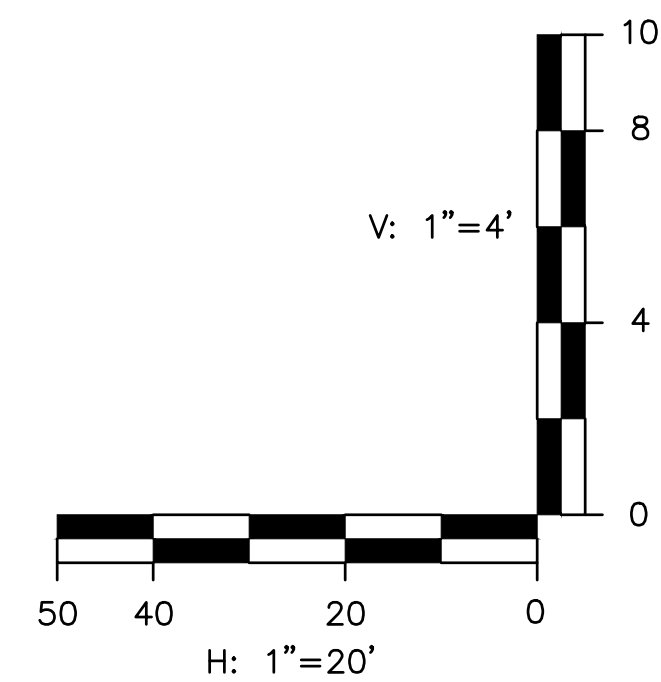
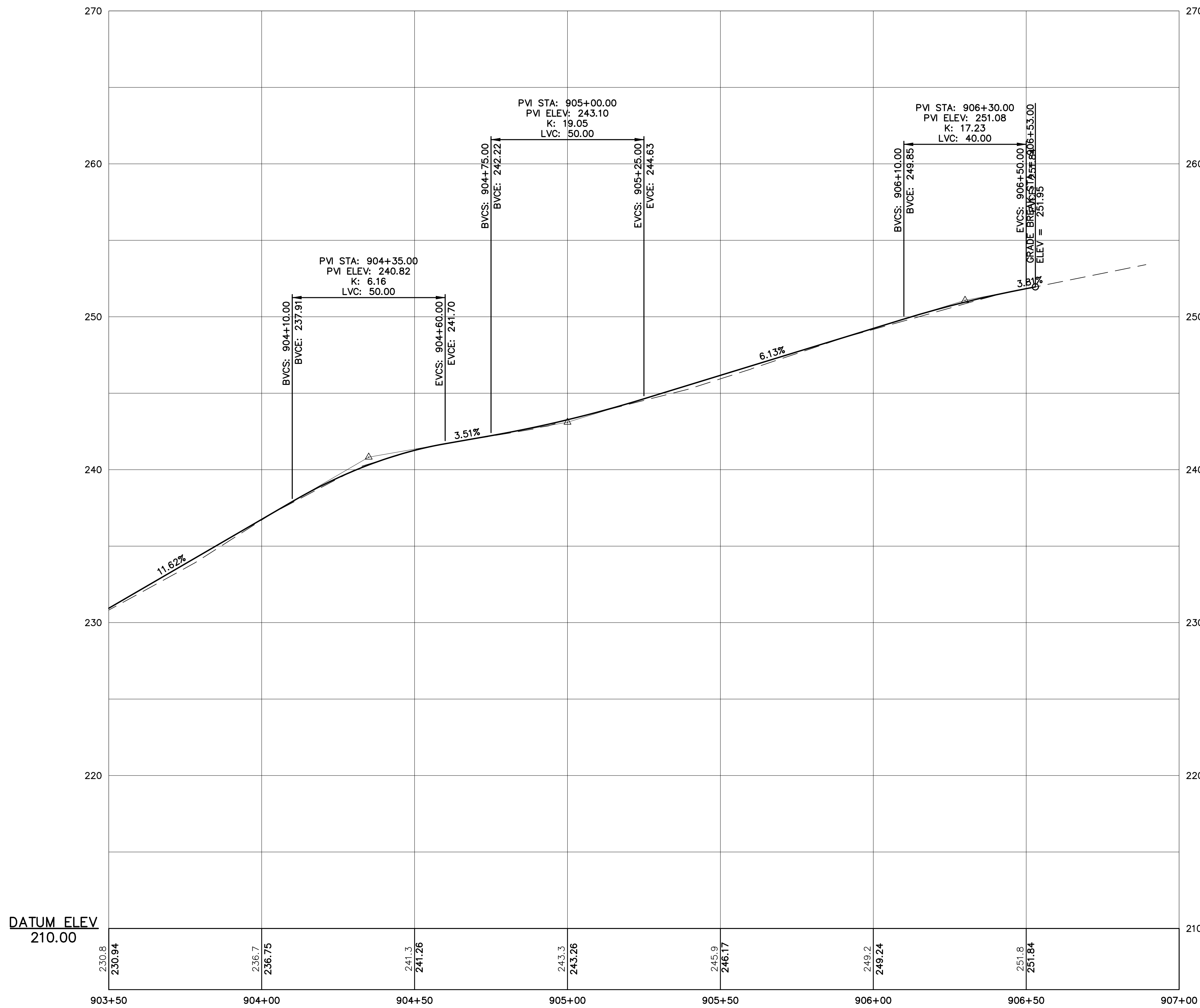
DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110	SWAN AVENUE AND HALL STREET PROFILE 3	NO.	DATE	REVISION DESCRIPTION
SHEET: 27	OF 42	SCALE: AS SHOWN	PROJ. ???-2017		

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DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE				PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		WOODLAWN AVENUE PROFILE 1			
SHEET: 31 OF 42				SCALE: AS SHOWN		DATE: APRIL 2017		PROJ. ???-2017	
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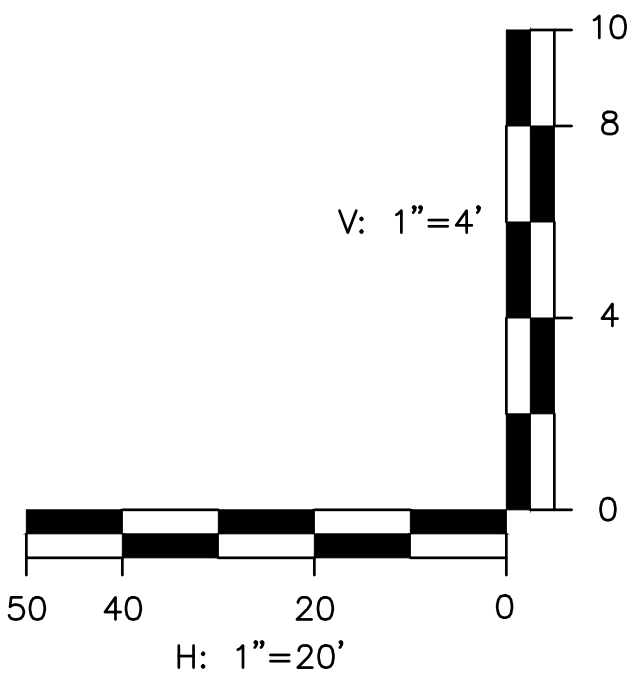
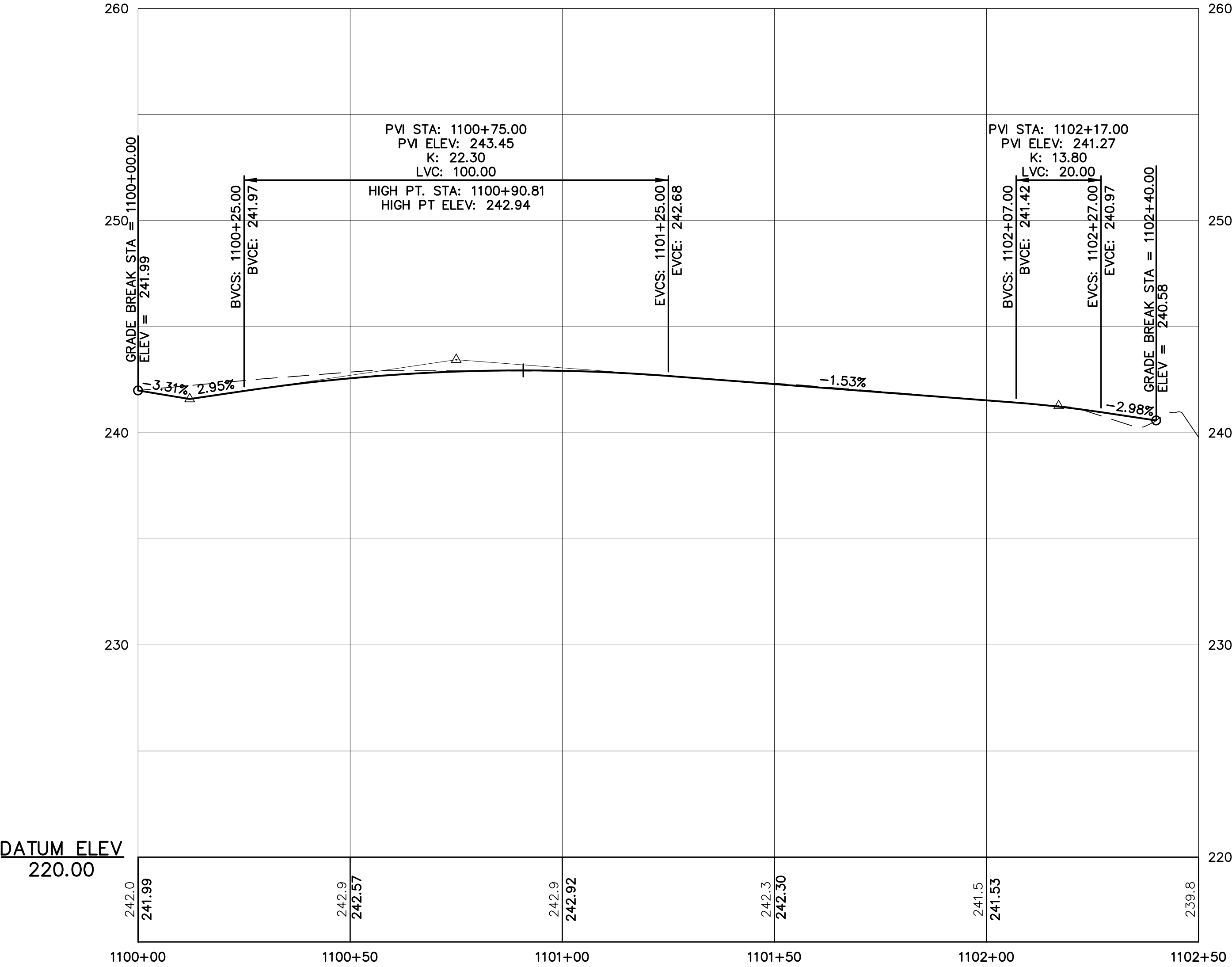
DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT

BEDFORD, NEW HAMPSHIRE

PREPARED FOR:
TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NEW HAMPSHIRE 03110

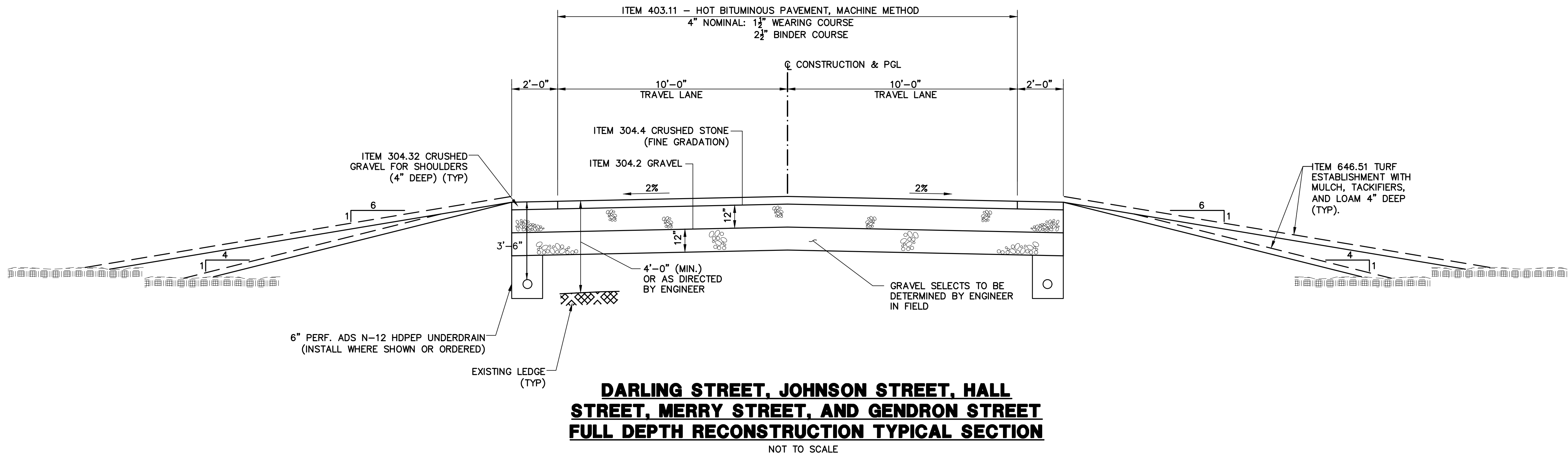
LAWES AVENUE AND
DERY STREET
PROFILE 2

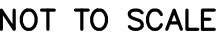
SHEET: 33 OF 42	SCALE: AS SHOWN	DATE: APRIL 2017	PROJ. ???-2017	
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DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE				PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		GENDRON STREET PROFILE 1				
SHEET: 34				OF 42	SCALE: AS SHOWN			DATE: APRIL 2017	PROJ. ???-2017	

DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE SHEET: 35 OF 42 SCALE: AS SHOWN			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110 DATE: APRIL 2017 PROJ. ??-2017		DRAINAGE NOTES					
NO.			DATE						REVISION DESCRIPTION	



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NOT TO SCALE



NOTE: ALL DIMENSIONS GIVEN IN FEET AND INCHES
EXCEPT PIPE DIAMETER
PROVIDE GROOVE END AT INLET HEADWALL AND
TONGUE END AT OUTLET END HEADWALL

PIPE DIAMETER	DIMENSIONS, INCHES (MM)					
	PART No.	A. ± 1 (25)	B MAX	H. ± 1 (25)	L. ± 1/2(13)	W. ± 2 (50)
15(300,375)	1210 NP	6.5 (165)	10 (254)	6.5 (165)	25 (635)	29 (736)
18 (450)	1810 NP	7.5 (190)	15 (380)	6.5 (168)	32 (812)	35 (890)
24 (600)	2410 NP	7.5 (190)	18 (450)	6.5 (165)	36 (900)	45 (1140)
30 (750)	3010 NP	10.5 (266)	NA	7.0 (178)	53 (1346)	68 (1735)
36 (900)	3610 NP	10.5 (266)	NA	7.0 (178)	53 (1346)	68 (1725)

DONALD STREET AND
SURROUNDING ROADS
RECONSTRUCTION PROJECT
BEDFORD, NEW HAMPSHIRE

DRAINAGE DETAILS 1

SHEET: 38 OF 42

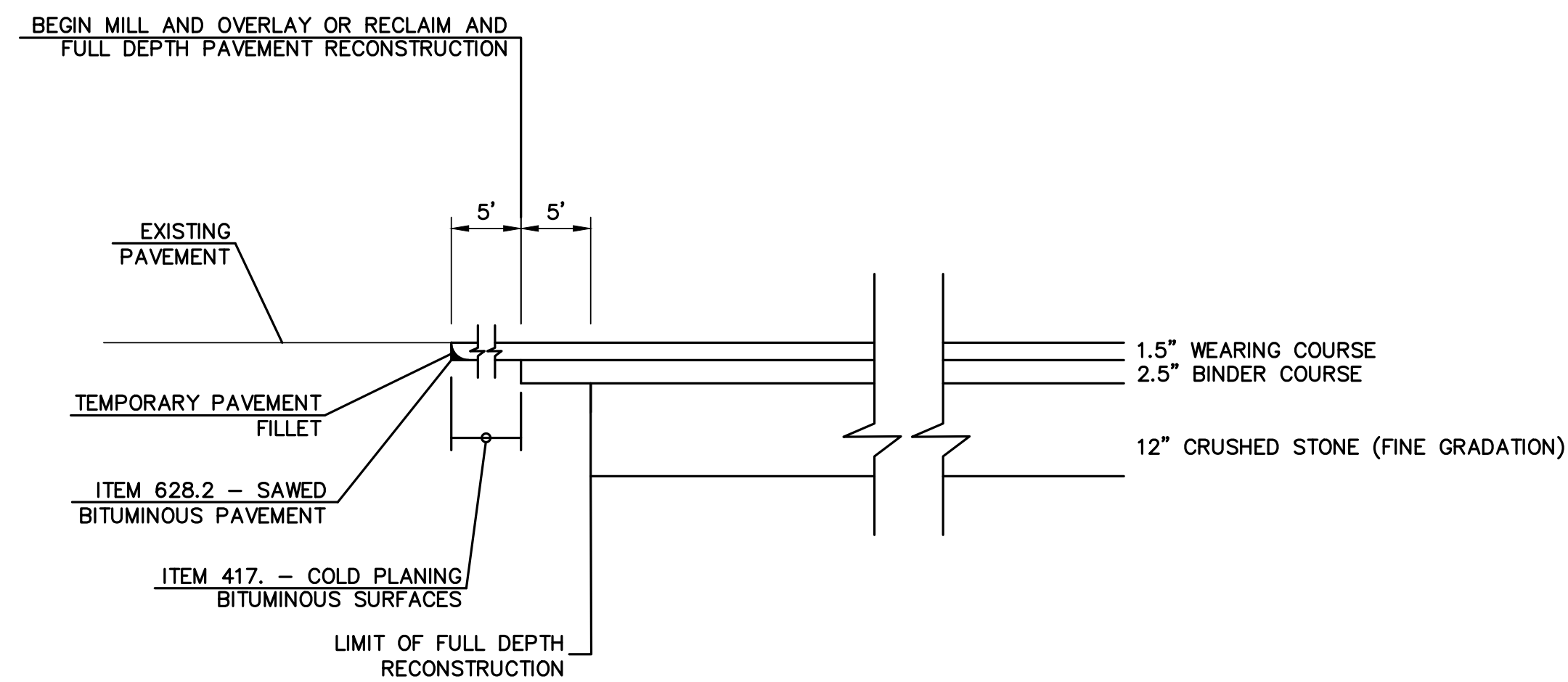
DATE: APRIL 2017

PROJ. ???-2017

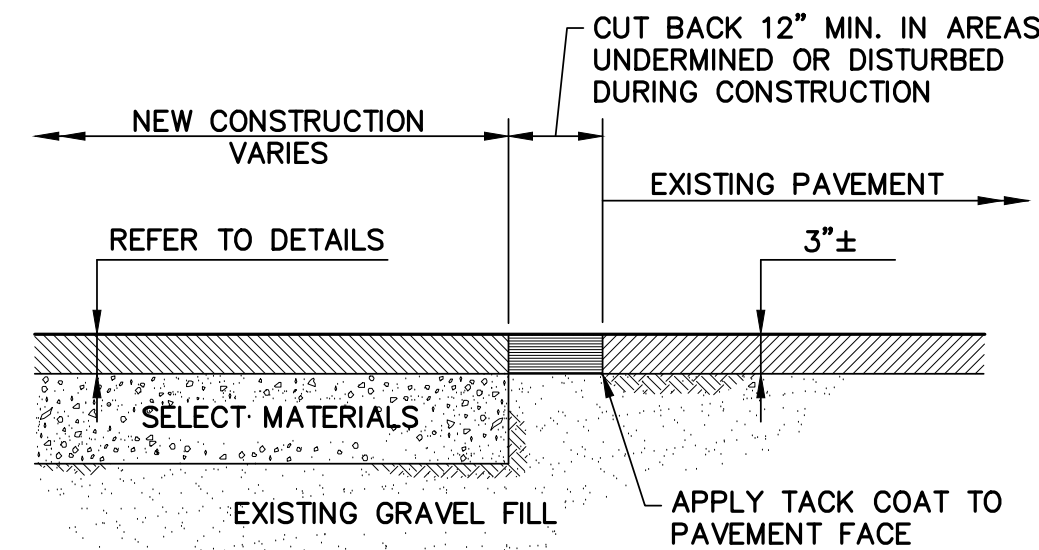
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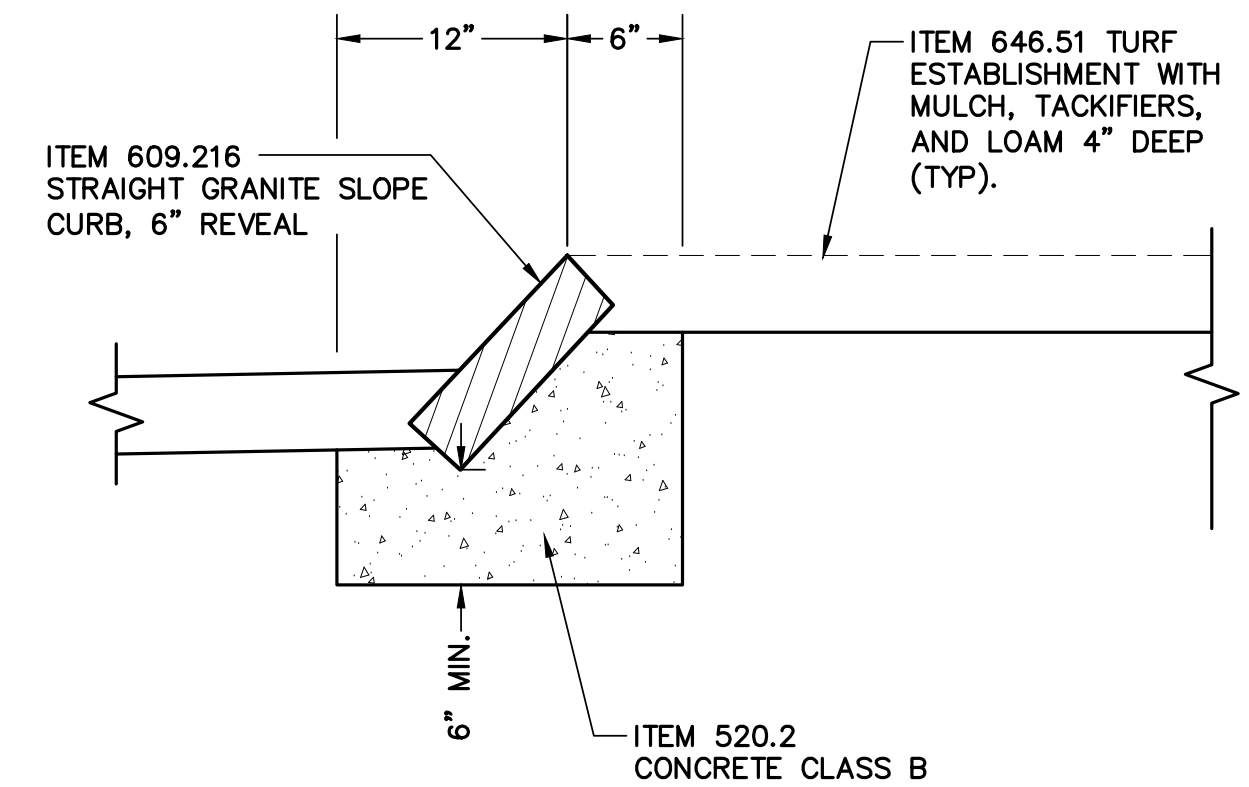
END PAVEMENT AND BASE COURSE TRANSITION
NOT TO SCALE



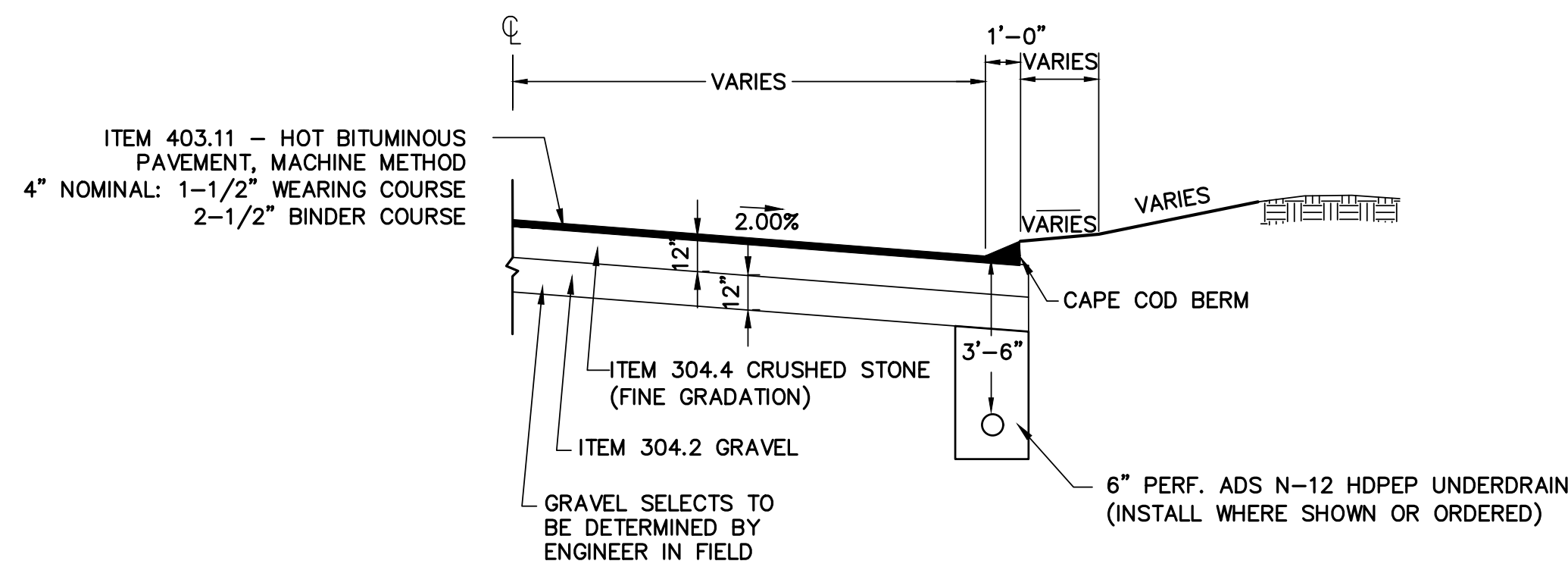
SAWCUT PAVEMENT SEALING PROCEDURE

1. CLEAN SAWED JOINTS WITH COMPRESSED AIR
2. APPLY JOINT SEAL MATERIAL FILLING FROM THE BOTTOM UP
3. THE HOT-SEAL MATERIAL SHALL COMPLETELY FILL THE SAWCUT SUCH THAT AFTER COOLING THE LEVEL OF THE SEALER WILL NOT BE GREATER THAN 1/8 INCH BELOW THE PAVEMENT SURFACE.

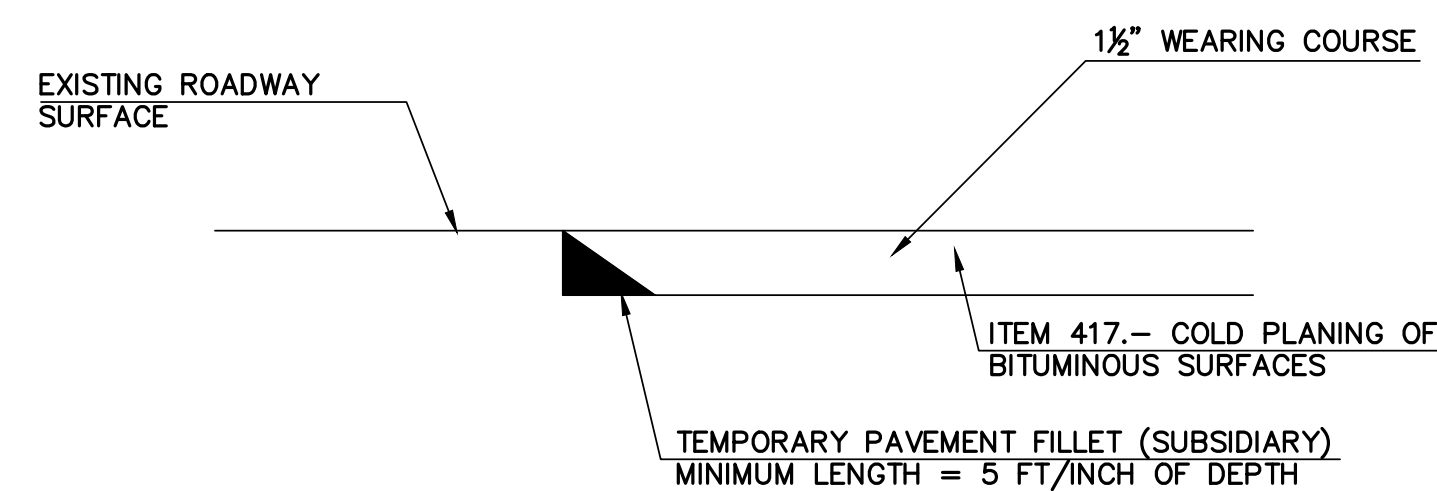
PAVEMENT SAW CUT
NOT TO SCALE



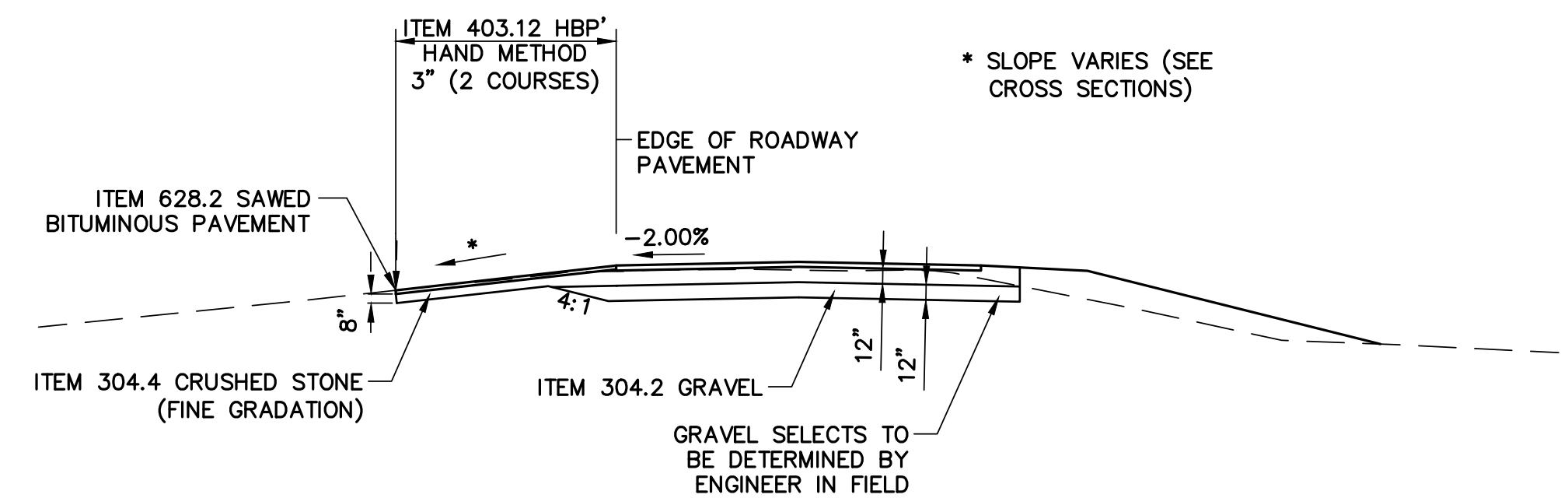
STRAIGHT GRANITE SLOPE CURB DETAIL
NOT TO SCALE



CAPE COD BERM SECTION
NOT TO SCALE



TEMPORARY PAVEMENT FILLET DETAIL
NOT TO SCALE



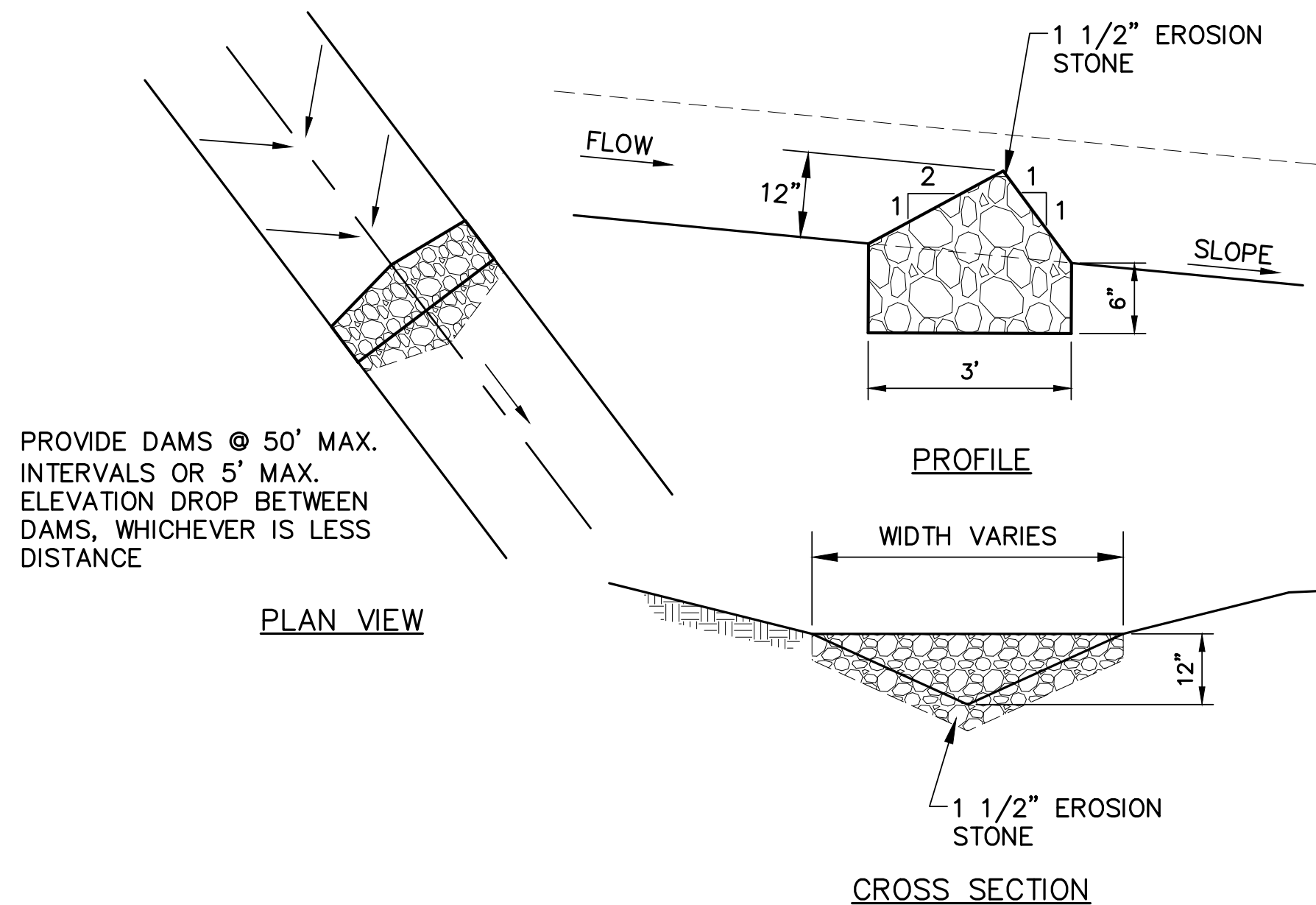
UNCURBED DRIVE DETAIL
NOT TO SCALE

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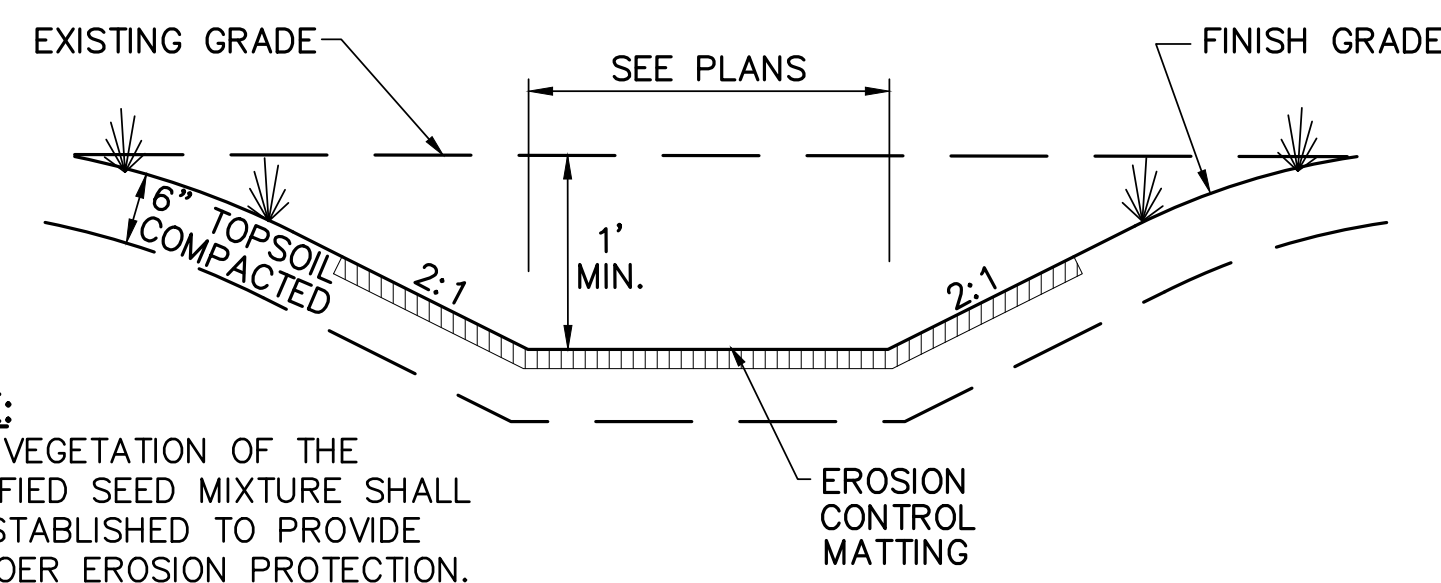


1. FILTER FABRIC SILT FENCE MUST BE INSTALLED AT LEVEL GRADE, BOTH ENDS OF EACH FENCE SECTION MUST BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT.
2. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH ONE-HALF (1/2) THE ABOVE GROUND HEIGHT OF THE FENCE.
3. ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET.

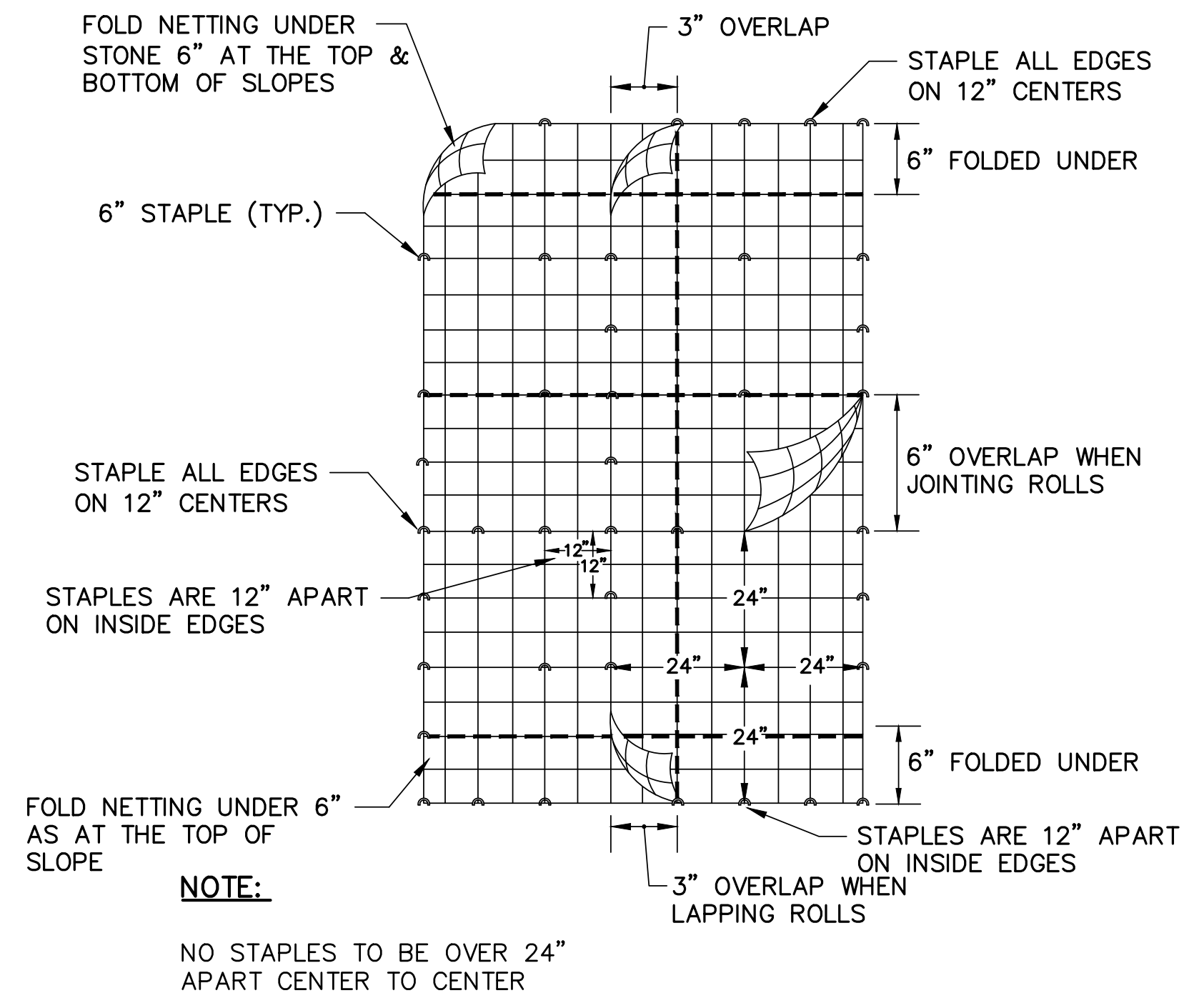
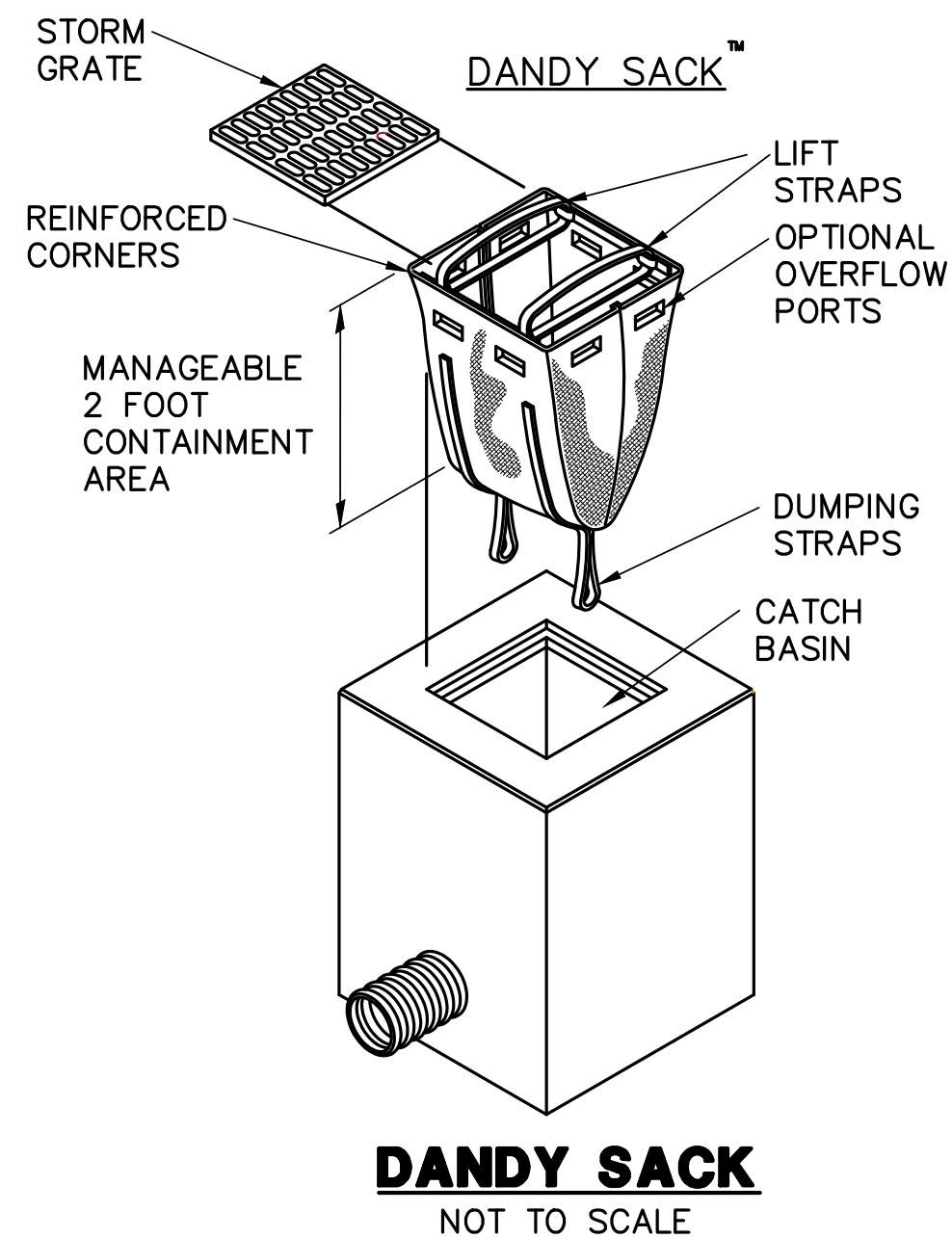
FILTER FABRIC SILT FENCE
NOT TO SCALE



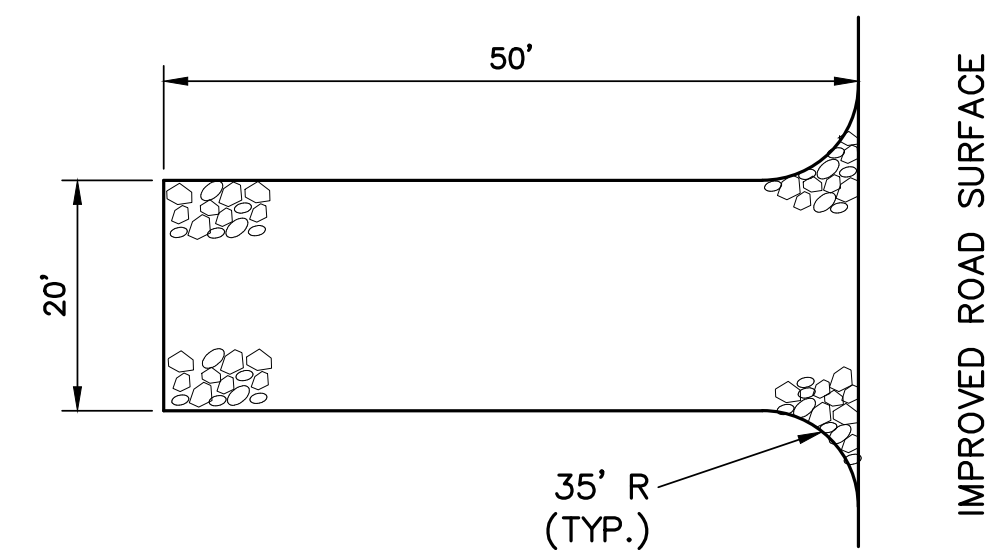
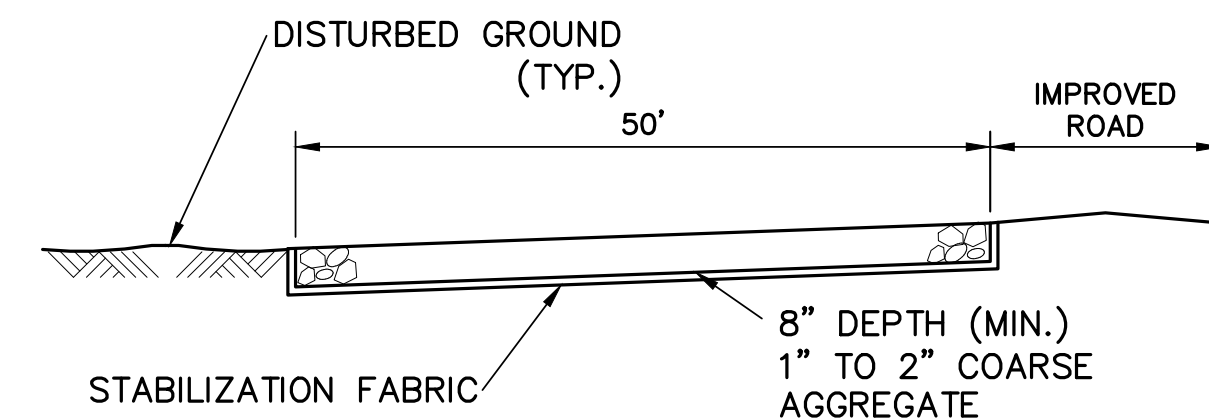
STONE GRADE STABILIZATION
(CHECK DAM) STRUCTURES
NOT TO SCALE



GRASS-LINED SWALE
NOT TO SCALE



MULCH NETTING INSTALLATION



STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

GENERAL NOTES:

1. SILT FENCE SHALL CONSIST OF AN APPROVED PREFABRICATED SILT FENCE WITH FABRIC ATTACHED TO POSTS AND SHALL BE ASSEMBLED IN THE FIELD ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. WIRE MESH REINFORCEMENT AND/OR CLOSER POST SPACING MAY BE ORDERED BY THE ENGINEER IN AREAS WHERE HIGH RUNOFF VOLUMES ARE ANTICIPATED, OR LOW SPOTS WHERE SEDIMENT WILL BE COLLECTED.
2. PRIOR TO BEGINNING EARTHWORK OPERATIONS AT LOCATIONS DIRECTED BY THE ENGINEER, SILT FENCE SHALL BE CONSTRUCTED ALONG THE TOE OF PROPOSED EMBANKMENT AT THE LIMITS OF CLEARING.

DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE			PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		EROSION CONTROL DETAILS							
SHEET: 41 OF 42 SCALE: AS SHOWN			DATE: APRIL 2017 PROJ. ???-2017				NO.	DATE	REVISION DESCRIPTION			

EROSION CONTROL SPECIFICATIONS:

1. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3 – EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION" 2008. THE CONTRACTOR SHALL HAVE REFERENCE TO THIS BOOK.
2. RECOGNIZING THAT IMMEDIATE ATTENTION TO EROSION CONTROL PRACTICES DRAMATICALLY IMPROVES SOIL AND MOISTURE CONSERVATION AND REDUCES NEGATIVE IMPACTS ON WATER QUALITY, THE CONTRACTOR SHALL GIVE HIGH PRIORITY TO THE DAILY AND TIMELY INSTALLATION OF BOTH TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES. IMMEDIATE INSTALLATION OF PRACTICES USUALLY REDUCES LONG TERM COSTS TO THE CONTRACTOR AND PROVIDES BENEFITS TO THE DEVELOPER AND THE PUBLIC GOOD.
3. EROSION CONTROL PRACTICES ARE SHOWN ON THE PLANS WITH RESPECT TO LOCATION AS DETERMINED FROM EXISTING TOPOGRAPHY. CHANGES MAY BE INDICATED IN THE FIELD TO IMPROVE EROSION AND SEDIMENT CONTROL.
4. CONSTRUCTION SHALL PROCEED UNIT BY UNIT TO FACILITATE INSTALLATION OF EROSION CONTROL MEASURES AND THE COMPLETION OF GRADING, SEEDING, AND LANDSCAPING AS SOON AS POSSIBLE WITHIN A UNIT. THIS PROCEDURE SHOULD RESULT IN THE EXPOSURE OF THE SMALLEST PRACTICAL LAND AREA AT ANY ONE TIME.
5. AREAS ADJACENT TO STREAMS CALL FOR PARTICULAR ATTENTION WITH REGARD TO SILT INTERCEPTION. INSTALL SILT FENCES AS SHOWN ON PLAN AND IN DETAIL BEFORE EARTHWORK COMMENCES. ADDITIONAL FENCING MAY BE REQUIRED AS WORK CONTINUES.
6. ALL DISTURBED AREAS AND ALL PROPOSED GRASSED AREAS SHALL HAVE TOPSOIL SPREAD (4" MINIMUM) AND BE LIMED, FERTILIZED, TILLED, SEEDED AND MULCHED. ALL SLOPES 3:1 (1 RISE ON 3 RUN) AND STEEPER SHALL HAVE MULCH HELD IN PLACE WITH NETTING (OR OTHER APPROVED BIODEGRADABLE MATTING MATERIAL), STAPLED AND STAKED. EACH AREA SHALL BE LIMED, FERTILIZED, PREPARED, SEEDED AND MULCHED (WITH ANCHORED NETTING AS REQUIRED) WITHIN 3 DAYS OF FINAL GRADING OR TEMPORARILY STABILIZED WITHIN 21 DAYS OF INITIAL DISTURBANCE. WHEN PERMANENT SEEDING CANNOT BE INSTALLED BY SEPTEMBER 15, TEMPORARY SEEDING AND MULCHING OF ALL DISTURBED AREAS SHALL BE INSTALLED IMMEDIATELY AND MAINTAINED IN THAT CONDITION UNTIL PERMANENT PRACTICES CAN BE INSTALLED IN THE FOLLOWING PLANTING SEASON.
7. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY TIME BEFORE DISTURBED AREAS ARE STABILIZED.
8. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE (SEE NOTE 10).
9. TEMPORARY STABILIZATION OF DISTURBED AREAS:

SEEDBED PREPARATION: TILL THREE INCHES DEEP MIXING IN FERTILIZER
APPLY LIME 2 TONS/ACRE (100#/1,000 SQ. FT.)
FERTILIZE: UNIFORMLY APPLY NOT LESS THAN 300#/ACRE (7#/1,000
SQ. FT.) OF 10-20-20 OR EQUIVALENT.

SEEDING: SELECT APPROPRIATE SEEDING MIXTURE FROM TABLE 1 BELOW. SPREAD SEED UNIFORMLY. FIRM SOIL BY ROLLING OR PACKING; IF NOT FEASIBLE, THEN RAKE LIGHTLY TO COVER SEEDS.

MULCHING: MULCH ALL DISTURBED AREAS WITH 1-1/2 TO 2 TONS OF HAY OR STRAW PER ACRE (70-90#/1,000 SQ. FT.). ANCHOR ON ALL SLOPES 3:1 OR STEEPER AND FLATTER SLOPES SUBJECT TO WASH OR WIND BLOWN. USE JUTE (OR OTHER BIODEGRADABLE) NETTING. STAKING AND STAPLING MAY BE REQUIRED.

SPECIES	PER ACRE	PER 1000 SQ.FT.	REMARKS
WINTER RYE	2 BU OR 112 LBS.	2.5 LBS.	BEST FOR FALL SEEDING. SEED AUGUST 15 TO SEPTEMBER 15 FOR BEST COVER. SEED TO DEPTH OF ONE INCH.
OATS	2 1/2 BU OR 80 LBS.	2 LBS.	BEST FOR SPRING SEEDINGS. LATER THAN MAY 15 FOR SUMMER PROTECTION. SEED TO DEPTH OF ONE INCH.
ANNUAL RYE	40 LBS.	1 LB.	GROWS QUICKLY. BUT IS OF SHORT GRASS DURATION USE WHERE APPEARANCES ARE IMPORTANT. COVER SEED WITH NO MORE THAN 1/4 INCH OF SOIL. WITH MULCH, SEEDING MAY BE DONE THROUGHOUT GROWING SEASON. OTHERWISE SEED EARLY SPRING OR BETWEEN AUGUST 15 & SEPTEMBER 15.

10. PERMANENT STABILIZATION OF DISTURBED AREAS:

SEED BED PREPARATION: TOPSOIL (SANDY LOAM, LOAM, OR SILT LOAM), FRIABLE, FREE OF TREE ROOTS, WEEDS, STONES MORE THAN 1-1/2 INCHES IN DIAMETER OR LENGTH SHALL BE PLACED OVER ALL DISTURBED AREAS IN A 4" (MINIMUM) THICK LAYER.

TOPSOIL: TOPSOIL SHALL BE FREE OF HERBICIDES AND TOXIC MATERIALS. TILL THREE INCHES DEEP MIXING IN THE FERTILIZER AND LIME. APPLY LIME AT RATES INDICATED IN TABLE "A".

SEEDING: SELECT APPROPRIATE SEEDING MIXTURE FROM TABLE "C"
SPREAD SEED UNIFORMLY. FIRM SOIL BY ROLLING OR PACKING; IF
FEASIBLE, THEN RAKE LIGHTLY TO COVER SEEDS.

MULCHING: MULCH ALL DISTURBED AREAS WITH 1-1/2 TO 2 TONS OF HAY OR STRAW PER ACRE (70 - 90#/1,000 SQ. FT.). ANCHOR MULCH ON ALL SLOPES 3:1 OR STEEPER AND ON FLATTER SLOPES SUBJECT TO WASH (WATERWAYS AND/OR WINDBLOWN) USING BIODEGRADABLE NETTING (OR OTHER APPROVED BIODEGRADABLE MATTING MATERIAL), WITH STAKING AND STAPLING.

TABLE "A"—LIME APPLICATION RATES		
EXISTING SOIL pH	LIMESTONE TO BE ADDED	
	TONS/ACRE	POUNDS/CY
4.0-4.4	3	12
4.5-4.9	2	8
5.0-5.4	1	4
UNKNOWN	2	8

TABLE "C" — SEEDING GUIDE						
<u>SOIL DRAINAGE</u>						
<u>USE</u>	<u>SEEDING MIXTURE 1/</u>	<u>DROUGHTY</u>	<u>WELL DRAINED</u>	<u>MODERATELY WELL DRAINED</u>	<u>POORLY DRAINED</u>	
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR	
	B	POOR	GOOD	FAIR	FAIR	
	C	POOR	GOOD	EXCELLENT	GOOD	
	D	FAIR	FAIR	GOOD	EXCELLENT	
	E	FAIR	EXCELLENT	EXCELLENT	POOR	
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNEL WITH FLOWING WATER	A	GOOD	GOOD	GOOD	FAIR	
	C	GOOD	EXCELLENT	EXCELLENT	FAIR	
	D	GOOD	EXCELLENT	EXCELLENT	FAIR	
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSABLE LANDS, AND LOW INTENSITY USE RECREATION SITES	A	GOOD	GOOD	GOOD	FAIR	
	B	GOOD	GOOD	FAIR	POOR	
	C	GOOD	EXCELLENT	EXCELLENT	FAIR	
	D	FAIR	GOOD	GOOD	EXCELLENT	
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	F	FAIR	EXCELLENT	EXCELLENT	<u>2/</u>	
	G	FAIR	EXCELLENT	EXCELLENT	<u>2/</u>	
GRAVEL PIT — SEE PM-NH-24 RECOMMENDATIONS REGARDING RECLAMATION OF SAND AND GRAVEL PITs. *						
1/ REFER TO SEEDING MIXTURES AND RATES IN <u>TABLE "D"</u> .						
2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREAS AND ATHLETIC FIELDS.						
* SEE "VEGETATING NEW HAMPSHIRE SAND AND GRAVEL PITs; TECHNICAL NOTE PM-NH-24, UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, REVISION APRIL, 1991.						

11. SEEDING MIXTURES FOR GRASSED TREATMENT SWALES, IF APPLICABLE, AS SPECIFIED BY THE USDA - NATURAL RESOURCES CONSERVATION SERVICE, WOODSVILLE NH ARE:

TABLE "E" — MIXTURES & RATES		
<u>MIXTURE</u>	<u>POUNDS PER ACRE</u>	<u>POUNDS PER 1,000 SQ. FT.</u>
A. TALL FESCUE	20	0.45
CREEPING RED FESCUE	20	0.45
REDTOP	<u>2</u>	<u>0.05</u>
TOTAL	42	0.95

SITE PREPARATION, LIME, SEED AND MULCH SHALL BE AS IN
ITEM 8 ABOVE.

12. TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
- A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
 - B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED; OR
 - D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

MAINTENANCE: DURING THE CONSTRUCTION PERIOD AND UNTIL SUCH TIME AS THE LONG TERM VEGETATION IS ESTABLISHED TO A 70% VEGETATIVE STAND.

- A. DISTURBED AREAS WILL BE FERTILIZED AND RESEEDED.
- B. CATCH BASINS WILL BE CHECKED AND CLEANED AS NECESSARY.
- C. DRAINAGE AND GRASS TREATMENT SWALES SHALL BE CHECKED FREQUENTLY AND CLEANED AS REQUIRED.
- D. THE SILT FENCES AND HAYABLE DIKES WILL BE CHECKED ON A REGULAR BASIS AND REPAIRED AS NECESSARY TO CORRECT ANY DAMAGE, DETERIORATION, AND SHORT CIRCUITING.

13. REFER TO "EROSION AND SEDIMENT CONTROL PLAN" PRIOR TO ANY SITE DISTURBANCE. CONTACT ENGINEER FOR COPIES OF PLAN.

INSPECTIONS: THE ENGINEER SHALL BE CONTACTED ON A REGULAR BASIS TO INSPECT ALL EROSION CONTROL PRACTICES AS WELL AS THE MAINTENANCE OF THE EROSION CONTROL COMPONENTS. REFER TO CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. EROSION CONTROL PRACTICES SHALL BE IN STRICT ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

14. ALL TREATMENT SWALES, DITCHES, AND LEVEL LIP SPREADERS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.

15. FOR SPECIAL WINTER CONSTRUCTION CONSIDERATIONS, THE CONTRACTOR SHALL REFER TO THE "EROSION & SEDIMENT CONTROL PLAN".

16. THIS PROJECT SHALL BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430.53 AND CHAPTER AGR 3800 RELATIVE TO SPECIES.

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
A. TALL FESCUE	20	0.45
CREEPING RED FESCUE	20	0.45
REDTOP	<u>2</u>	<u>0.05</u>
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREEPING RED FESCUE	10	0.25
CROWN VETCH OR	15	0.35
FLATPEA	<u>30</u>	<u>0.75</u>
TOTAL	40 or 55	0.95 or 1.35
C. TALL FESCUE	20	0.45
CREEPING RED FESCUE	20	0.45
BIRDSFOOT TREFOIL	<u>8</u>	<u>0.20</u>
TOTAL	48	1.10
D. BIRDSFOOT TREFOIL	20	0.50
REDTOP	<u>10</u>	<u>0.20</u>
TOTAL	30	0.70
E. TALL FESCUE	20	0.45
FLATPEA	<u>30</u>	<u>0.75</u>
TOTAL	50	1.20
F. CREEPING RED FESCUE 1/	50	1.15
KENTUCKY BLUEGRASS 1/	<u>50</u>	<u>1.15</u>
TOTAL	100	2.30
G. TALL FESCUE 1/	150	3.60

1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

OTHER SEED MIXTURES AND SEEDING RATES AS RECOMMENDED BY THE USDA -
NATURAL RESOURCES CONSERVATION SERVICE MAY BE USED WITH PRIOR WRITTEN
PERMISSION FROM THE ENGINEER.

CONSTRUCTION SEQUENCE:

1. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION CONFERENCE WITH TOWN OFFICIALS PRIOR TO ANY WORK COMMENCING ON SITE.
2. FELL AND CLEAR TREES, AS REQUIRED. PLACE JOB TRAILER AT SPECIFIED LOCATION AND INSTALL CONSTRUCTION ENTRANCE(S). STABILIZE THE CONSTRUCTION ENTRANCE(S) WITH COARSE AGGREGATE 8 INCHES (MINIMUM) IN DEPTH, ON TOP OF A GEOTEXTILE, TO PREVENT OFF-SITE TRACKING BY VEHICLES AND EQUIPMENT.
3. INSTALL SILT FENCE AT ALL LOCATIONS INDICATED ON PLAN AND AT OTHER LOCATIONS AS DETERMINED BY THE ENGINEER. INSTALL OTHER TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO EARTHWORK COMMENCING.
4. GRUB SITE AND DISPOSE OF DEBRIS, AS NECESSARY; CONTRACTOR TO LEGALLY DISPOSE OF DEBRIS OFF THE SITE.
5. STOCKPILE TOPSOIL AND INSTALL ASSOCIATED EROSION CONTROL MEASURES, I.E., SILT FENCE, AND MULCH.
6. PONDS AND SWALES SHALL BE INSTALLED EARLY ON IN THE CONSTRUCTION SEQUENCE (BEFORE ROUGH GRADING THE SITE) AND SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
7. INSTALL PROPOSED CLOSED DRAINAGE SYSTEMS.
8. REMOVE EXISTING PAVEMENT AND SELECT MATERIAL AND PLACE SELECT MATERIALS AND PAVEMENT FOR THE LIMITS OF THE PROPOSED ROADWAY IMPROVEMENTS. THE LIMITS OF THE ROADWAY IMPROVEMENTS SHALL BE STABILIZED WITHIN 72 HOURS AFTER GRADING.
9. INSPECT ALL DISTURBED AREAS ON A WEEKLY BASIS AND AFTER EVERY ONE-HALF INCH OF RAINFALL. FOLLOWING THESE INSPECTIONS, INSTALL ANY AND ALL TEMPORARY DRAINAGE, EROSION, AND SEDIMENT CONTROL PRACTICES AS INDICATED OR AS REQUIRED, I.E., DIVERSION CHANNELS, BERMS, DRAINS, DITCHES, SILT SACKS, SILT FENCES, SEED AND MULCH, OR ANY OTHER BEST MANAGEMENT PRACTICES AS RECOMMENDED AND SPECIFIED IN THE "STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS OF NEW HAMPSHIRE" (USDA - SOIL CONSERVATION SERVICE).
10. PLACE TOPSOIL, COMPLETE PERMANENT FERTILIZING, LIMING, SEEDING AND MULCHING, AND INSTALL LANDSCAPE PLANTING.
11. CLEAN AND RESTORE SILT DESTINATION SITES. REMOVE OTHER EROSION CONTROL PRACTICES ON A TIMELY BASIS AS PERMANENT MEASURES TAKE HOLD. SPOT FERTILIZE, SEED, AND MULCH AS REQUIRED. NO RUNOFF SHALL BE DIRECTED TO THE PERMANENT MEASURES UNTIL THEY ARE ESTABLISHED.
12. INSPECT AND MAINTAIN GRADING, EROSION CONTROL AND SEDIMENT CONTROL PRACTICES WEEKLY AND INSPECTION SHOULD OCCUR AFTER EVERY 0.5" OR GREATER RAINFALL WITHIN A 24 HOUR PERIOD.
13. REFER TO "EROSION AND SEDIMENT CONTROL PLAN" FOR ADDITIONAL DETAILS RELATIVE TO THE REQUIRED CONSTRUCTION SEQUENCE. MAINTENANCE OF ALL EROSION CONTROL COMPONENTS SHALL BE AN ONGOING PRACTICE AND IN STRICT ACCORDANCE WITH THE APPROVED PLAN.

SPECIAL WINTER CONSIDERATIONS

THE MAJOR FOCUS OF WINTER EROSION AND SEDIMENT CONTROL IS THE PERIODS OF INTENSE RUNOFF ASSOCIATED WITH MID-WINTER THAWS AND RAINSTORMS, AND THE SPRING MELT.

FROZEN GROUND MAKES THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES VERY DIFFICULT. INSTALLATION SHOULD TAKE PLACE WELL BEFORE THE GROUND FREEZES. MAINTENANCE IN WINTER WILL BE MUCH MORE TIME CONSUMING AND DIFFICULT THAN IN THE SUMMER. THE OVERALL CONSTRUCTION SCHEDULE AND THE WEEKLY WORK SCHEDULE WILL BE DEVELOPED TO INCREASE TIME, EFFORT, AND MANPOWER DEVOTED TO MAINTAINING THE EROSION AND SEDIMENT CONTROL MEASURES.

INTENSE RUNOFF IN MID-WINTER THAWS AND RAINSTORMS, AND THE SPRING MELT PERIOD, CAN RESULT IN MORE SEVERE EROSION AND SEDIMENTATION PROBLEMS THAN RUNOFF FROM SUMMER STORMS. THE SOIL IS OFTEN COMPLETELY SATURATED WITH WATER, AND IS ALSO OFTEN UNDERLAIN BY A FROST LAYER. BOTH OF THESE FACTORS RESULT IN A GREATER PERCENTAGE OF THE RAIN OR MELT WATER RUNNING OVER THE GROUND SURFACE. WINTER AND SPRING RAINSTORMS ARE OFTEN HEAVIER AND MORE INTENSE THAN SUMMER SHOWERS. FOR THESE REASONS EROSION AND SEDIMENTATION CAN BE ESPECIALLY SEVERE IN MID-WINTER THAWS AND THE SPRING MELT.

- ### 1. CONTROL MEASURES FOR WINTER CONSTRUCTION:

- A. ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS;
- B. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS; AND

- C. AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF GRAVEL PER NHDOT ITEM.

- D. MINIMIZE DISTURBED AREA AND TIME OF DISTURBANCE: DISTURBED AREA AND LENGTH OF DISTURBANCE SHALL BE MINIMIZED ESPECIALLY BETWEEN OCTOBER 15TH AND MAY 1ST.

- E. GRASSED OR RIP RAPPED SWALES AND DITCHES: INSTALLATION WILL OCCUR BEFORE GROUND FREEZES. CHANNELS ARE TO BE STABILIZED WITH STONE, RIPRAP, OR VEGETATION IMMEDIATELY. INSPECTIONS ARE TO BE FREQUENT WITH REMOVAL OF ANY FLOW BLOCKAGE CAUSED BY ICE OR SEDIMENT.

- F. MULCHING: MULCH ALONE SHOULD NOT BE CONSIDERED AN ADEQUATE EROSION AND SEDIMENT CONTROL TECHNIQUE FOR AREAS THAT ARE DISTURBED IN THE WINTER OR SPRING. MULCH IS EASILY WASHED AWAY BY INTENSE RUNOFF FLOWING OVER SATURATED OR FROZEN SOIL. IT IS ESSENTIAL THAT MULCH BE LAID DOWN IN SUCH A WAY THAT IT WILL NOT BLOW OR WASH AWAY.

- G. SILT FENCE: INSTALLATION IS REQUIRED BEFORE THE GROUND FREEZES, OTHERWISE STAKES WILL BE DIFFICULT TO DRIVE. INSPECT FREQUENTLY AND REMOVE ANY COLLECTED SEDIMENT PERIODS IN ORDER TO PROVIDE AS MUCH CAPACITY AS POSSIBLE.

- H. SNOW FENCE: INSTALLATION IS REQUIRED BEFORE THE GROUND FREEZES OTHERWISE STAKES WILL BE DIFFICULT TO DRIVE. FENCES MUST BE PLACED LIBERALLY AROUND THE WORK SITE TO KEEP SOIL DISTURBANCE TO AN ABSOLUTE MINIMUM.

- I. STONE CHECK DAMS: PER DETAIL THE PLACEMENT WILL OCCUR IN SWALES AND DITCHES AFTER FINAL GRADING AND IS TO BE MAINTAINED UNTIL THE SITE IS FULLY STABILIZED.

- ## 2. INSPECTION AND MAINTENANCE

INSPECTION OF EROSION AND SEDIMENT CONTROL MEASURES IS REQUIRED MORE FREQUENTLY IN THE WINTER AND SPRING THAN IN THE SUMMER. CAREFUL ATTENTION MUST BE GIVEN TO WEATHER PREDICTIONS. INSPECTION OF ALL CONTROL MEASURES WILL BE ONGOING TO ENSURE THAT STRUCTURES WILL MANAGE THE POTENTIALLY HEAVY AND INTENSE RUNOFF. CONSTANT MAINTENANCE OF CRITICAL CONTROL MEASURES MAY BE NECESSARY DURING THE WINTER AND EARLY SPRING TO PREVENT FAILURE OR OVERLOADING OF CONTROL MEASURES. A SECOND LINE OF CONTROL WILL BE QUICKLY INSTALLED IF PROBLEMS OCCUR. A SUBSTANTIAL AMOUNT OF TIME, EQUIPMENT, AND MANPOWER SHALL BE DEVOTED TO EROSION AND SEDIMENT CONTROL.

- ### 3. FOLLOW-UP

INSTALLATION OF PERMANENT VEGETATIVE CONTROLS WILL BE REQUIRED AS EARLY AS IS PRACTICAL AT THE BEGINNING OF THE GROWING SEASON.

DONALD STREET AND SURROUNDING ROADS RECONSTRUCTION PROJECT BEDFORD, NEW HAMPSHIRE	PREPARED FOR: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NEW HAMPSHIRE 03110		EROSION CONTROL NOTES				
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