

73 DANA VC	3 BEECHWOOD RD. N/F CHAMPAGNE & KEVIN MCILWAIN DL. 652 / PG: 321		L.
EECHWOOD RD. N/F FRANCES R. GLYNN 374 / PG: 753			
N/F RANCIS ROTHHOLZ & BECCA LYNN 667 / PG: 712 BEECHWOOD RD.			
N/F ICIA P. SHEFLOTT 463 / PG: 659			
55 BEECHWOOD RD. N/F MICHAEL J. & DEBRA K. MURPHY VOL. 578 / PG: 689		CIVIL • STRUCTURAL • S 317 Main Street Norwich	rs, Inc. URVEYING
IS SUBSTANTIALLY	No. DATE	REVISION (860) 886-1966 Fax (860 TOWN OF MONTVILLE 62 BEECHWOOD ROAD DRAINAGE IMPROVEMENTS DRAINAGE LOCATION & TOPOGRAPHY	) 886-9165 Project No. CLA-6767J Proj. Engineer R.J.C. Date: JAN 2024 Sheet No.



				CIVIL · STRUCTURAL · SURV	, Inc.	
No.	DATE		REVISION	317 Main Street Norwich, CT (860) 886-1966 Fax (860) 88	06360 86-9165	
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					Sheet No.	
	PLAN & PROFILE					





## **GENERAL NOTES**

- LEVELS. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL MEASURES NECESSARY FOR THE CONTROL, COLLECTION, DISPOSAL AND/OR DIVERSION OF ALL SURFACE AND SUB-SURFACE WATER ENCOUNTERED. ALL EXCAVATIONS SHALL BE PERFORMED IN THE DRY.
- CONTROL AS NEEDED TO COMPLETE THE WORK SHOWN ON THE CONTRACT DRAWINGS. CONTROLS SHOWN ON THE CONTRACT DRAWINGS AND OUTLINED IN THE TECHNICAL SPECIFICATIONS SHALL BE CONSIDERED MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL EMPLOY WHATEVER SUPPLEMENTARY MEASURES NECESSARY TO PROTECT THE SITE, PRIVATE PROPERTY AND THE WORK.
- 3. IT IS REQUIRED THAT CONSTRUCTION FOR THIS CONTRACT TAKE PLACE DURING SUMMER LOW FLOW CONDITIONS BETWEEN JULY 1 -
- 4. THROUGHOUT CONSTRUCTION AND DE-WATERING, MONITOR WEATHER TO AVOID WORKING IN HIGH FLOWS AND RELOCATE STORED MATERIAL AS FORECAST WARRANTS.
- 6. THE CONTRACTOR SHALL PROVIDE THE NAME AND EMERGENCY CONTACT INFORMATION FOR THE PROJECT PERSONNEL RESPONSIBLE FOR WATER HANDLING AND BYPASS OPERATIONS PRIOR TO THE START OF CONSTRUCTION.
- 7. THE TOWN AND THE ENGINEER SHALL BE NOTIFIED AT LEAST 5 BUSINESS DAYS PRIOR TO THE START OF INSTALLATION OF THE
- 8. NO BYPASSING SHALL COMMENCE WITHOUT PRIOR WRITTEN CONSENT FROM THE TOWN OR ENGINEER.
- 9. ONCE APPROVAL HAS BEEN GRANTED, THE CONTRACTOR SHALL MONITOR PRECIPITATION, AND DOWNSTREAM CONDITIONS DURING OPERATIONS. INSTALL APPROPRIATE CONTROLS AS PART OF THE TEMPORARY BYPASS SYSTEM TO REGULATE FLOW AND PREVENT ANY EROSION AND SEDIMENTATION ISSUES AT THE DISCHARGE.
- 10. THE TEMPORARY BYPASS MAY BE SUPPLEMENTED WITH PUMPS TO SUPPLEMENT EFFICIENCY AND CAPACITY OF DIVERSION OPERATIONS. PROVIDE SCREENS ON ANY PUMP SUCTION INLETS, PROVIDE FLOW DIFFUSERS OR DISCHARGE TO RIP SPLASH PADS TO PREVENT EROSION AT THE DISCHARGE.
- 11. MONITOR THE BYPASS SYSTEM DAILY AND CONTINUOUSLY. MAKE ADJUSTMENTS AS NEEDED TO MAINTAIN FLOW DIVERSION THROUGH THE
- 12. INSPECT RIP-RAP SPLASH PAD AT THE PIPE DISCHARGE DAILY AND REMOVE AND DISPOSE OF ANY ACCUMULATED SEDIMENT AND
- 13. IF REQUIRED, ESTABLISH A HAY BALE DEWATERING STRUCTURE DOWN STREAM OF THE WORK AREA FOR USE IN GROUNDWATER AND SURFACE WATER CONTROL AS SHOWN ON THE PLANS. SIZE THE STRUCTURE AS CALLED FOR IN THE DETAILS BASED ON THE CONTRACTOR'S PUMP DISCHARGE RATE.
- 14. INSPECT THE STREAM CHANNEL DOWNGRADE OF THE DISCHARGES FOR ANY SIGNS OF EROSION DUE TO THE TEMPORARY BYPASS/DEWATERING ACTIVITIES. CONTACT THE ENGINEER AND ADJUST THE DISCHARGE OR SPLASH PAD SIZING IF THERE ARE SIGNS OF EROSION.
- 15. THE CONTRACTOR SHALL CONTINUOUSLY MONITOR THE WEATHER CONDITIONS, WEATHER FORECASTS, AND POND WATER SURFACE ELEVATIONS THROUGHOUT THE DURATION OF CONSTRUCTION.
- 16. IN THE CASE OF AN UNEXPECTED STORM EVENT, THE CONTRACTOR SHALL STOP WORK AND MONITOR DIVERSION OPERATIONS TO ENSURE THE SAFETY OF THE WORK SITE AND PRIVATE PROPERTY.
- 17. AFTER ALL WORK TO THE STREAM CHANNEL HAS BEEN COMPLETED AND APPROVAL HAS BEEN GRANTED BY THE TOWN AND ENGINEER, THE TEMPORARY BYPASS MAY BE STOPPED. THE CONTRACTOR SHALL REMOVE ALL DE-WATERING OPERATIONS AND RESTORE DISTURBED AREAS ACCORDING TO THE REQUIREMENTS AND DETAILS ON THE E&S PLAN.







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# CLA

## Construction Baseline - 0+60







### CLA Engineers, Inc. CIVIL · STRUCTURAL · SURVEYING 317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165 No. DATE REVISION Project No. CLA-6767J TOWN OF MONTVILLE Proj. Engineer D.P.H. BEECHWOOD ROAD Date: 06/05/25 CULVERT REPLACEMENT Sheet No. 7 **CROSS SECTIONS 2**









![](_page_7_Figure_5.jpeg)

![](_page_7_Figure_6.jpeg)

![](_page_7_Figure_7.jpeg)

![](_page_7_Figure_8.jpeg)

![](_page_8_Figure_0.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_8_Figure_3.jpeg)

![](_page_8_Figure_4.jpeg)