

**MIAMI COUNTY, OHIO**  
**BRANDT FORCE MAIN AND CLARK COUNTY SEWER – PHASE 1**

**ADDENDUM NO. 2**

The following changes shall be incorporated into the plans, specifications and contract documents for this project:

**Item No. 1: General Clarifications**

- A. When there is a conflict between the Notes on Sheets N1-N3 and the specifications, the Notes will govern. References in the specifications to Montgomery County or Montgomery County Standards do not apply to this project.

**Item No. 2: Plan Sheet D2**

- A. The manholes for this project will not have a concrete ring around the casting as might be suggested in the detail labeled Type “D” Sanitary Manhole. Furthermore, brick will not be allowed for adjusting the casting height; any adjustments must be done with concrete adjusting rings. Although not noted on the manhole detail outside joints shall be wrapped with Conwrap as provided on Sheet N2.
- B. The acid resistant liner called for in the “Manhole Connection Detail at Station 16+94” shall be Sherwin Williams Cor-Cote SC “Sewer-Cote” high build epoxy coating, or approved equal. The liner shall be placed on all interior surfaces including the inside of the frame casting and the under side of the manhole lid. This manhole lid shall have vent holes.

**Item No. 3: Plan Sheet C1**

- A. Sheet C1 of the plans is hereby REPLACED with the attached revised Sheet C1. Important changes to note:
1. Jack and bore has been relocated to connect the new sanitary sewer at the existing manhole which eliminates setting a new manhole over the existing 18” sewer. The existing manhole shall be cored and the pipe connection made with a Kor-N-Seal flexible connector, or approved equal.
  2. The jack and bore is shown on the plans at a 120 feet length, but the bid item has been changed to LUMP SUM, which means the contractor, at his discretion, can adjust the actual length of the jack and bore to optimize the overall construction when considering dewatering, shoring or other construction requirements, but no change in payment will be made for a change in casing length.
  3. Relocation of one power pole that provides underground service to the adjacent business. A bid item has been added with an allowance of \$5,000 for this relocation. Owner will pay actual relocation cost.
  4. Two traffic loop pull boxes and underground line that were installed subsequent to the survey have been added to the drawing.

**Item No. 4: Plan Sheet C4**

- A. Sheet C4 of the plans is hereby REPLACED with the attached revised Sheet C4 to show revised alignment at the culvert at Station 34+45 and added road signs and gravel field drive.

**Item No. 5: Plan Sheet C6**

- A. A gravel drive with full depth granular backfill for 20 feet of trench length is hereby ADDED at Station 58+25.

**Item No. 6: Plan Sheet C7**

- A. Sheet C7 of the plans is hereby REPLACED with the attached revised Sheet C7 to show revisions at 60" culvert at Station 66+05 and other minor revisions.

**Item No. 7: Plan Sheet C10**

- A. Sheet C10 is MODIFIED to correctly identify the driveway at Station 100+45 as having a gravel approach so asphalt restoration is not needed for this drive.

**Item No. 8: Plan Sheet C11**

- A. Sheet C11 is MODIFIED to show the driveway at Station 114+25 as asphalt instead of gravel due to recent paving of the drive.

**Item No. 9: Specifications Section 00300, Proposal Prices**

- A. The Proposal Prices form, Pages 00300-9 and 00300-10 is hereby REPLACED with the attached pages that are revised to reflect the changes made in Addenda 1 and 2. The bidder shall submit this revised form with his/her bid.

**Item No. 10: Specifications Section 02722 - Manholes**

- A. Section 2.2, Interior Lining, will not apply to this project. However, Manhole No. 6 shall receive an acid resistant lining as indicated on the detail on Sheet D2 as revised above in Item No.2.
- B. Section 2.9, Manhole Seals, will not apply to this project as no manholes have been identified on the plans as requiring chimney seals.

**Item No. 11: Pipe for Directional Drilling of Force Main**

- A. Notwithstanding any reference to the contrary in the plans or specifications, pipe for directional drilling of short sections of force main under culverts or other locations shall be 6-inch DIPS SDR-11 HDPE pipe. However, if the contractor proposes to directional drill long sections of the force main, the pipe must be 6-inch DIPS SDR-17 and the contractor must demonstrate to the Engineer's satisfaction the ability to prevent damage and/or elongation of the pipe during installation.

This Addendum No. 2 includes four attachments which are listed below for confirmation.

1. Revised Proposal Prices Form (Pages 00300-9 and 00300-10)
2. Revised Sheet C1
3. Revised Sheet C4
4. Revised Sheet C7

The remainder of the specifications and contract documents shall remain the same as originally made available.

**Brandt Force Main and Clark County Sewer - Phase 1  
Bethel Township, Miami County, Ohio**

**Proposal Prices (per Addendum No. 2)**

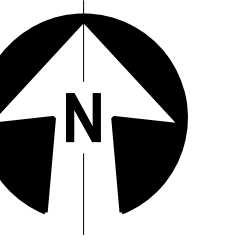
BID ITEM	DESCRIPTION	APPROX QTY	UNIT	UNIT COST	TOTAL ITEM COST
<b>I.</b>	<b>General</b>				
A.	Mobilization, Demobilization, Bonds, Insurance	1	LS		
B.	Construction Layout Staking	1	LS		
C.	Temporary Erosion and Sedimentation Control	1	LS		
D.	Maintenance of Traffic	1	LS		
E.	Clearing and Grubbing, incl. trees under 12"	1	LS		
F.	Tree Removal, 12" and larger	2	EA		
G.	Density Testing	1	LS		
H.	Relocate Power Pole and Service Drop at Sta 2+57 - Allowance	1	LS	\$5,000.00	\$5,000.00
<b>II.</b>	<b>FURNISH AND INSTALL GRAVITY SEWER PIPE including excavation and backfill (Does not include carrier pipe installed in casing pipe)</b>				
A.	12" Diameter PVC, ASTM D3034, SDR 26, full depth granular backfill	1480	L.F.		
B.	Furnish and install sanitary risers and laterals at locations shown on Plans per Clark County riser detail	5	EA		
C.	Furnish and install approximately 120 LF of 12" sewer in 30" casing pipe by jack and bore, complete.	1	LS		
D.	Dewatering	1	LS		
<b>III.</b>	<b>FURNISH AND INSTALL MANHOLES</b>				
A.	Standard 4' Diameter MH (for up to 18" pipe)	5	EA.		
B.	Connection of 12" sewer at existing MH #1 with cored hole and flexible watertight boot.	1	LS		
C.	Force Main Drop Connection and Acid Resistant MH Liner at MH #6, additional to Item IIIA	1	LS		
<b>IV.</b>	<b>FURNISH AND INSTALL FORCE MAIN</b>				
A.	6" C-900 PVC Force Main, backfill with excavated material	10300	L.F.		
B.	6" C-900 PVC Force Main, granular back fill	450	L.F.		
C.	6" SDR-11 HDPE Force Main directional drilled	120	L.F.		
D.	6" C-900 PVC in 12" HDPE directional drilled casing pipe	120	L.F.		
E.	Furnish and Install Air Release Manholes, complete	3	EA		
<b>V.</b>	<b>MISCELLANEOUS CONSTRUCTION</b>				
A.	Rock Excavation, additional to above	100	CY		
B.	Remove and replace driveway culverts with 12" smooth lined corrugated HDPE	100	L.F.		
C.	Install fire hydrant on existing 8" line including tapping sleeve and valve, thrust restraint, excavation, backfill and restoration, complete.	1	EA		

**Brandt Force Main and Clark County Sewer - Phase 1  
Bethel Township, Miami County, Ohio**

**Proposal Prices (per Addendum No. 2)**

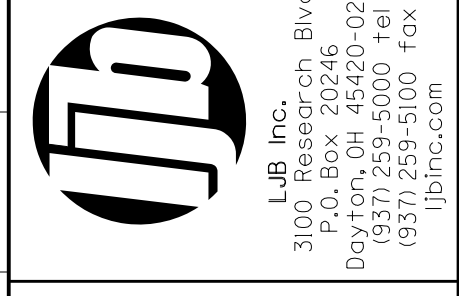
BID ITEM	DESCRIPTION	APPROX QTY	UNIT	UNIT COST	TOTAL ITEM COST
<b>VII.</b>	<b>SEWER TRENCH RESTORATION</b>				
A.	Seed, Mulch and Fertilize Over Construction Area	11570	L.F.		
B.	Asphalt pavement replacement, trench width only	170	L.F.		
C.	Asphalt driveway replacement	199	L.F.		
D.	Gravel driveway replacement	278	L.F.		
E.	Concrete Driveway replacement	10	L.F.		
<b>TOTAL FOR FORCE MAIN AND CLARK COUNTY SANITARY SEWER (Figures):</b>					
<b>TOTAL IN WRITING:</b>					

++END OF SECTION++



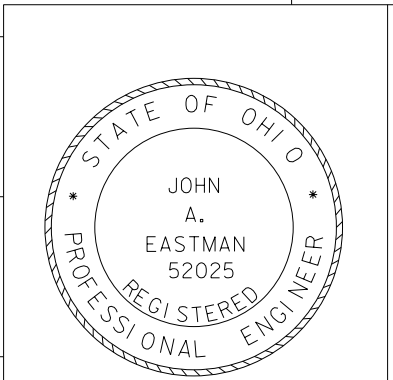
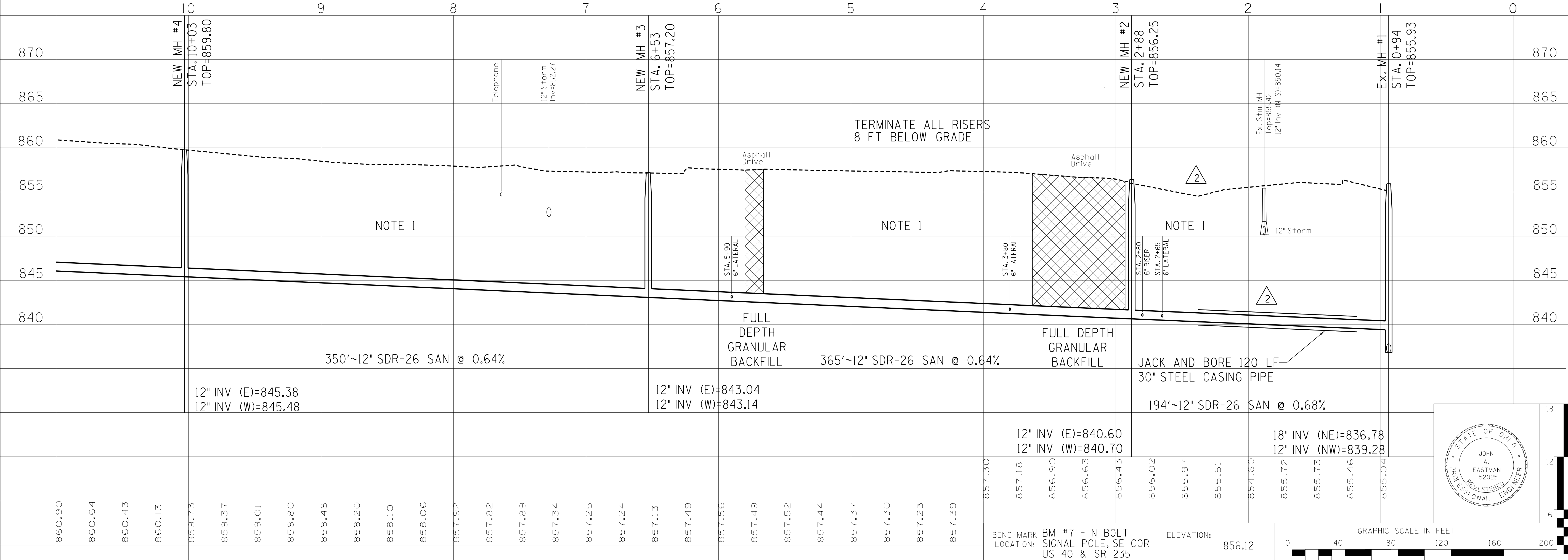
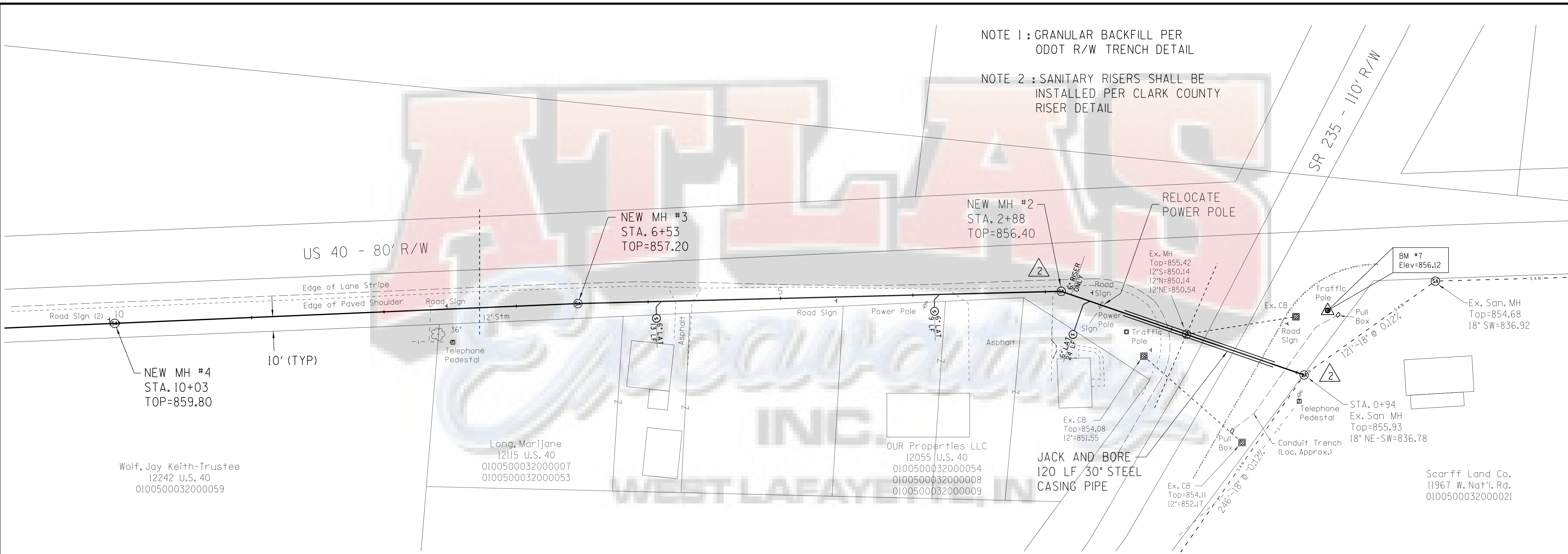
NO.	DATE	DESCRIPTION	BY
1	5/10/10	PHASE I BID	JAE
2	6/4/10	ADDENDUM 1 & 2	JAE

MIAMI COUNTY SANITARY ENGINEERING  
 2200 N. County Road 25A  
 Troy, Ohio 45373



BRANDT FORCE MAIN AND  
 CLARK COUNTY SEWER  
 PHASE I

DESIGNED	LJK	JOB NO.	A.00
DRAWN	JrM		0101980
CHECKED	JAE	SHEET NO.	
DATE	May, 2010		CI



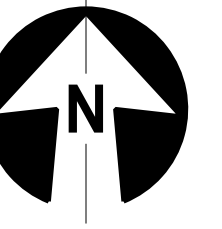
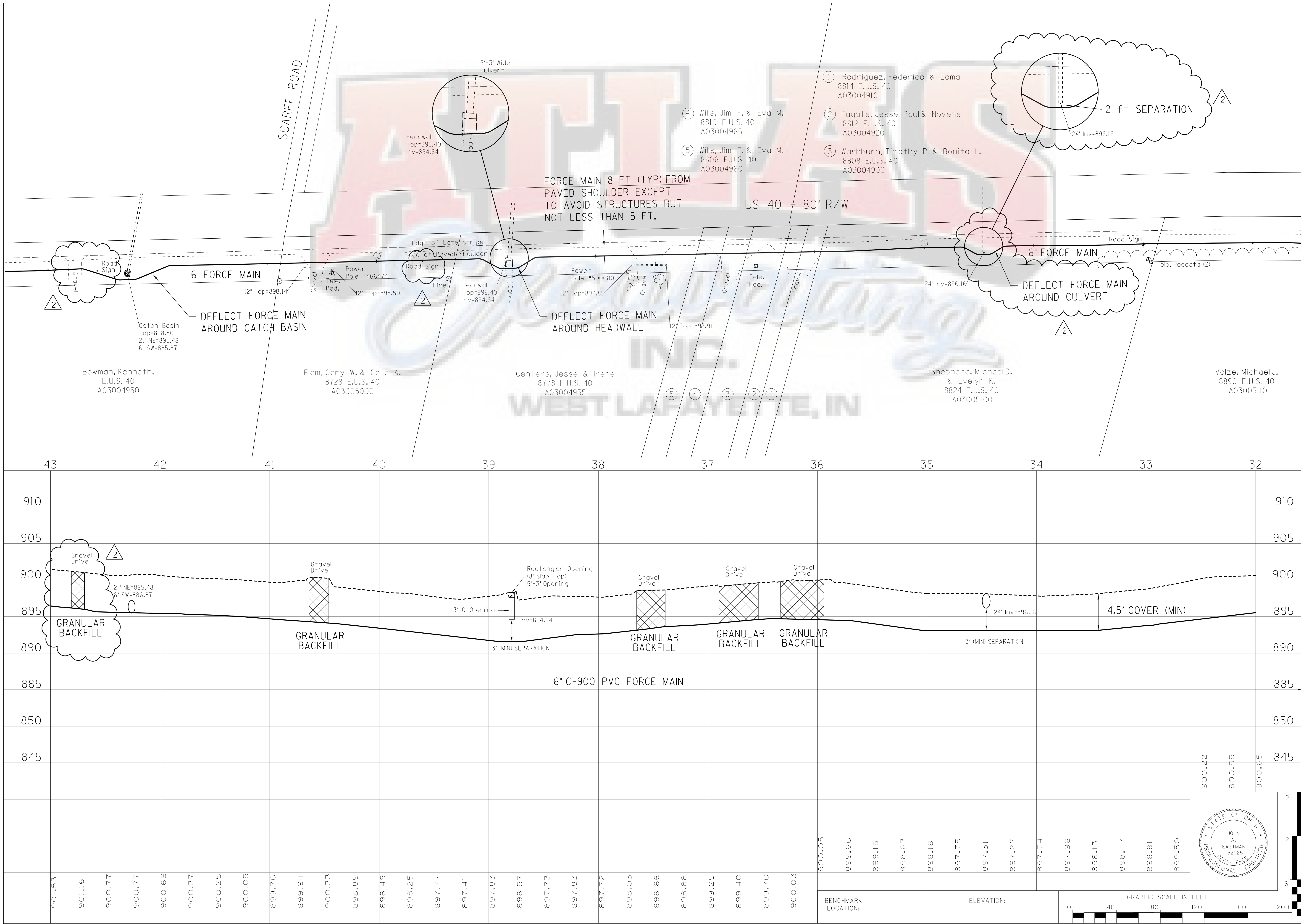
NOTE 1 : GRANULAR BACKFILL PER  
 ODOT R/W TRENCH DETAIL

NOTE 2 : SANITARY RISERS SHALL BE  
 INSTALLED PER CLARK COUNTY  
 RISER DETAIL

BENCHMARK: BM #7 - N BOLT  
 LOCATION: SIGNAL POLE, SE COR  
 US 40 & SR 235

ELEVATION: 856.12





NO.	DATE	DESCRIPTION	REVISIONS
1	5/10/10	PHASE I BID	
2	6/4/10	ADDENDUM 1 & 2	

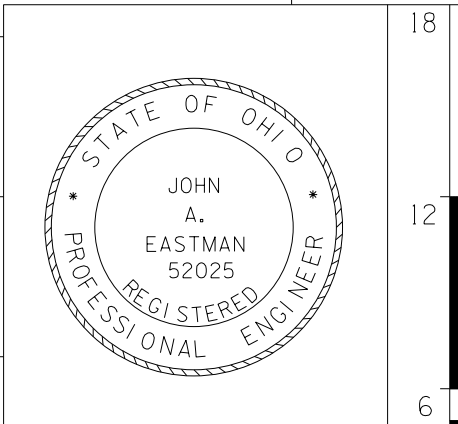
MIAMI COUNTY SANITARY ENGINEERING  
 2200 N. County Road 25A  
 Troy, OHIO 45373



BRANDT FORCE MAIN AND CLARK COUNTY SEWER PHASE 1

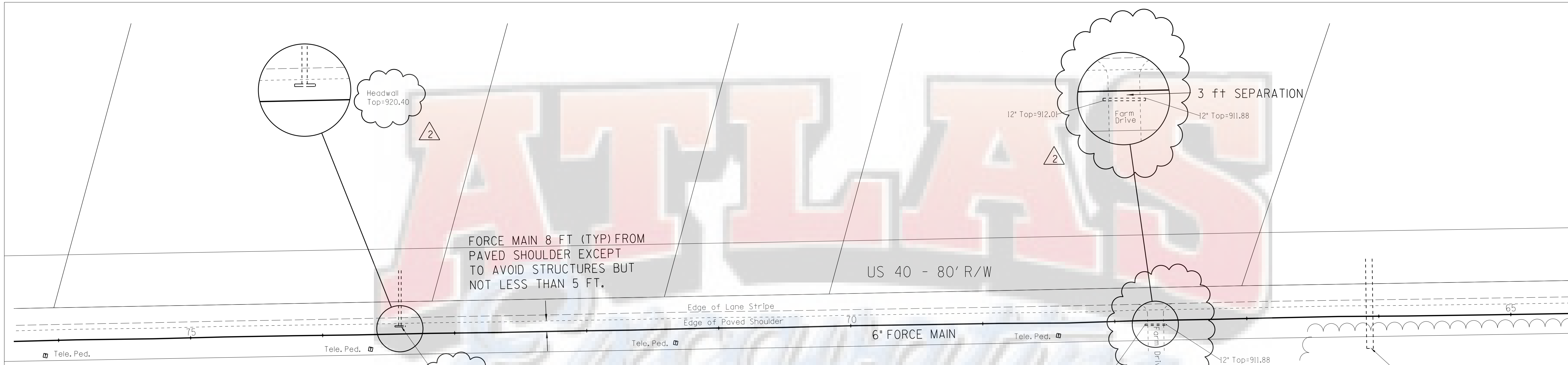
SHEET TITLE

DESIGNED	LJK	JOB NO.	A.00
DRAWN	JrM	0101980	
CHECKED	JAE	SHEET NO.	
DATE	May, 2010	C4	

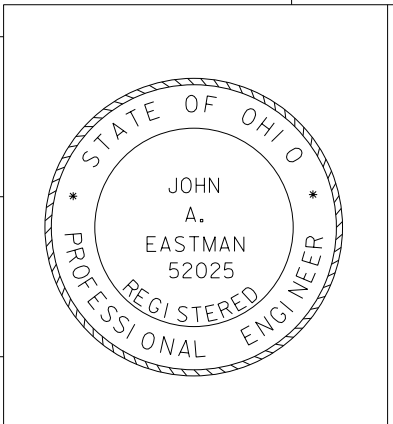


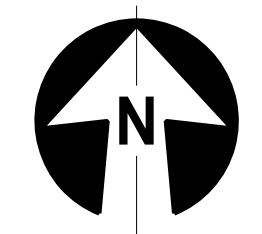
BENCHMARK LOCATION: ELEVATION:

901.53	901.16	900.77	900.77	900.66	900.37	900.25	900.05	899.76	899.94	900.33	898.89	898.49	898.25	897.77	897.41	897.83	898.57	897.73	897.83	897.72	898.05	898.66	898.88	899.25	899.40	899.70	900.03	900.05	899.66	899.15	898.63	898.18	897.75	897.31	897.22	897.74	897.96	898.13	898.47	898.81	899.50	900.22	900.55	900.65
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STATION	ELEVATION
922.03	76
921.87	75
921.68	74
921.44	73
921.09	72
920.74	71
920.49	70
920.16	69
919.87	68
919.59	67
918.66	66
919.91	65
920.15	64
920.39	63
920.15	62
919.76	61
919.32	60
918.70	59
918.22	58
917.81	57
917.41	56
917.23	55
916.99	54
916.82	53
916.66	52
916.43	51
916.16	50
915.71	49
915.18	48
914.63	47
914.09	46
913.52	45
912.51	44
912.82	43
911.17	42
910.41	41
910.23	40
909.92	39
909.48	38
909.12	37
908.98	36
908.85	35
908.99	34
909.21	33
909.57	32






NO.	DATE	DESCRIPTION	BY
1	5/10/10	PHASE I BID	JAE
2	6/4/10	ADDENDUM 1 & 2	JAE

REVISIONS  
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DESIGNED	LJK	JOB NO.	A.00
DRAWN	JrM	SHEET NO.	0101980
CHECKED	JAE	DATE	May, 2010
			C7