ADDENDUM NO. 1

PROJECT MANUAL

CITY OF MORGANFIELD
MORGANFIELD, KENTUCKY
GRANULAR ACTIVATED CARBON (GAC) TREATMENT FACILITY
CONTRACT 2-2025

Bids will be received until November 13, 2026, at 3 P.M., local time.

This Addendum to the Project Manual is issued to modify, explain, or correct the original Project Manual and is hereby made part of the Contract Documents.

A. GENERAL PROJECT DOCUMENT CLARIFICATIONS

1. DODGE Construction Network Cost Estimate:

   ENGINEER and OWNER did not disclose an Opinion of Probable Construction Cost (OPCC) for the Granular Activated Carbon (GAC) Treatment Facility Project to the DODGE Construction Network. Any values presented by the DODGE Construction Network publications or website were not developed by OWNER or ENGINEER and are not to be considered reflective of the Project's OPCC.

2. Water Treatment Plant Downtime:

   The Water Treatment Plant can be taken offline for a maximum of 8 hours during a 24-hour period during the Project. If downtime is needed, CONTRACTOR shall provide notice to ENGINEER and OWNER at least three days before shut down is needed and must receive approval from OWNER before shutdown of the water treatment plant is permitted. Additional downtime may be requested at least three days after the previous downtime request has been fulfilled.

B. SPECIFICATIONS

1. DIVISION 26–ELECTRICAL

   a. Page 26 24 19-3, SECTION 26 24 19–MOTOR CONTROL, PART 2–PRODUCTS, 2.01.A.

   ADD "ABB," after "Allen Bradley, " in the first sentence of Paragraph 2.01.A.

2. DIVISION 33–UTILITIES

   a. Page 33 11 34-3, SECTION 33 11 34–VERTICAL TURBINE PUMP, PART 2–PRODUCTS, 2.01.A.

   ADD "National Pump Company H12MC, " after "Fairbanks VIT 15H, " in the first sentence of Paragraph 2.01.A.

   b. Page 33 11 34-3, SECTION 33 11 34–VERTICAL TURBINE PUMP, PART 2–PRODUCTS, 2.02.B.

   CHANGE "1,740 rpm" to "1,200 rpm" in Paragraph 2.02.B.

c. Page 33 11 34-6, SECTION 33 11 34–VERTICAL TURBINE PUMP, PART 2–PRODUCTS, 2.03.K.3.

REPLACE the table under Paragraph 2.03.K.3 with the following revised table:

Pump	Horsepower (hp)	Nominal Speed (rpm)	VFD
FP-01	40	1,200	Yes
FP-02	40	1,200	Yes
FP-03	40	1,200	Yes

3. DIVISION 46–WATER AND WASTEWATER EQUIPMENT

a. Page 46 61 22-2, SECTION 46 61 22–GRANULAR ACTIVATED CARBON ADSORPTION SYSTEM, PART 1–GENERAL, 1.02.B.

DELETE Paragraph 1.02.B in its entirety.

C. DRAWINGS

1. SHEET NO. 5–FILTER BUILDING WEST–ELECTRICAL DEMOLITION PLAN

CHANGE “EXISTING 4-4"C, 4-500 KCMIL EACH ONE" to "EXISTING 3-4"C, 4-500 KCMIL EACH ONE" in Key Note No. 2.

CHANGE “FOUR SETS OF 4-500 KCMIL" to "THREE SEETS OF 4-500 KCMIL" in Key Note No. 3.

2. SHEET NO. 9–ENLARGED SITE GRADING PLAN, PAVING PLAN, AND UTILITIES CONTINUED

REPLACE Key Note No. 4 in its entirety with the following:

“4. EXISTING UNDERGROUND CONDUIT AND CONDUCTORS TO REMAIN AND BE RECONNECTED. SEE DRAWING E1.3 FOR ADDITIONAL INFORMATION.”

CHANGE Key Note No. 7 detail from “A/C5.3” to “C/5.3”.

3. SHEET NO. 13–SITE DETAILS

REPLACE Sheet No. 13 with the attached revised Sheet No. 13.

4. SHEET NO. 38–ONE LINE DIAGRAM

CHANGE feeder between MCC-GAC and Panel HP from “3#1, 1#8G, 1 1/2"C” to “4#1, 1#8G, 1 1/2"C.”

5. SHEET NO. 41–FILTER BUILDING WEST–ELECTRICAL PLAN

CHANGE “NEMA 3R” to “NEMA 4X” in Key Note No. 2.

CHANGE “FOUR SETS OF 4-500 KCMIL” to “THREE SEETS OF 4-500 KCMIL” in Key Note No. 3.

CHANGE “4-4"C, 4-500 KCMIL, 1#2/0G EACH ONE” to “3-4"C, 4-500 KCMIL, 1#2/0G EACH ONE” in Key Note No. 6.

6. SHEET NO. 46–ELECTRICAL SCHEDULES

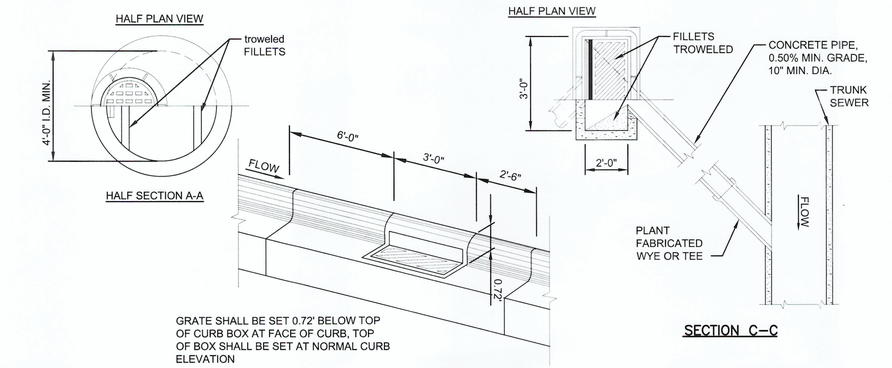
   ADD branch circuit 15, 17, 19 with 20A/3P circuit breaker and 4#12, 1#12G, 3/4"C for Overhead Door to Panel Schedule LP.

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Dated at Louisville, Kentucky
November 6, 2026

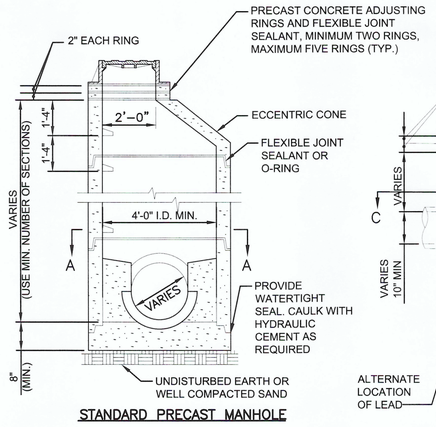
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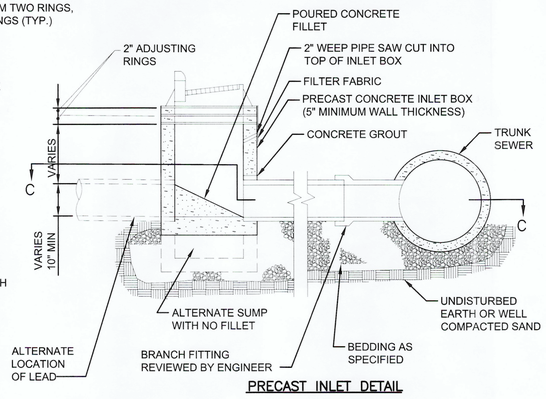


GRATE SHALL BE SET 0.72' BELOW TOP OF CURB BOX AT FACE OF CURB, TOP OF BOX SHALL BE SET AT NORMAL CURB ELEVATION

DEPRESSED INLET DETAIL



STANDARD PRECAST MANHOLE



PRECAST INLET DETAIL

NOTES:

1. DETAILS RELATIVE TO ITEMS SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.

2. VARIATIONS IN DIMENSIONS AND DESIGN MAY BE PERMISSIBLE PROVIDING EQUIVALENT CAPACITY AND STRENGTH ARE ATTAINED.

3. WHEN ANY STRUCTURE IS CONSTRUCTED OF CONCRETE, CONCRETE BLOCK OR REINFORCED CONCRETE CULVERT PIPE, THE TOP OF THE MASONRY SHALL BE LEFT SUFFICIENTLY LOW TO PERMIT PROPER ADJUSTMENT OF COVER TO GRADE.

4. REINFORCED PRECAST FLAT SLAB SHALL BE USED IN LIEU OF PRECAST ECCENTRIC CONE WHEN SHOWN ON THE DRAWINGS AND SHALL BE DESIGNED FOR H-20 TRUCK LOADING.

5. PRECAST REINFORCED CONCRETE MANHOLE RISERS AND TOPS SHALL CONFORM TO ASTM C-478. JOINTS BETWEEN MANHOLE SECTIONS SHALL BE SEALED WITH RAM NEK, HANDLING HOLES SHALL BE FILLED WITH MORTAR, AND BOTH MADE WATER TIGHT.

6. STEPS SHALL BE INSTALLED IN ALL MANHOLES.

7. AT ALL BENDS IN SEWER, A SMOOTH RADIUS FLOW LINE SHALL BE PROVIDED IN MANHOLES. ALL CONCRETE FILLETS SHALL BE HAND troweled.

8. INSIDE DIMENSIONS FOR MANHOLES: USE MINIMUM 4' DIAMETER FOR SEWER LESS THAN 18" IN DIAMETER; USE MINIMUM 5' DIAMETER FOR SEWER 18" THRU 24" IN DIAMETER; USE MINIMUM 6' DIAMETER OR MINIMUM 6' SQUARE FOR SEWER OVER 24" IN DIAMETER, UNLESS OTHERWISE SPECIFIED.

9. ARRANGEMENT AND NUMBER OF INLETS AND DISCHARGE PIPES SHALL CONFORM TO THE NEEDS OF THE PERTINENT LOCATION.

10. PROVIDE MINIMUM 2'-0" COVER FOR ALL INLET LEAD PIPE, UNLESS OTHERWISE SPECIFIED.

11. ALL INLETS SHALL BE DEPRESSED AS SHOWN.

12. INLET DEPTH AND GRADE OF INLET LEAD PIPE VARY ACCORDING TO DEPTH OF TRUNK SEWER. MINIMUM INLET DEPTH BELOW TOP OF CURB SHALL BE 4'-0".

A C5.3 STORM SEWER MANHOLES AND INLETS
NO SCALE

NOTES:

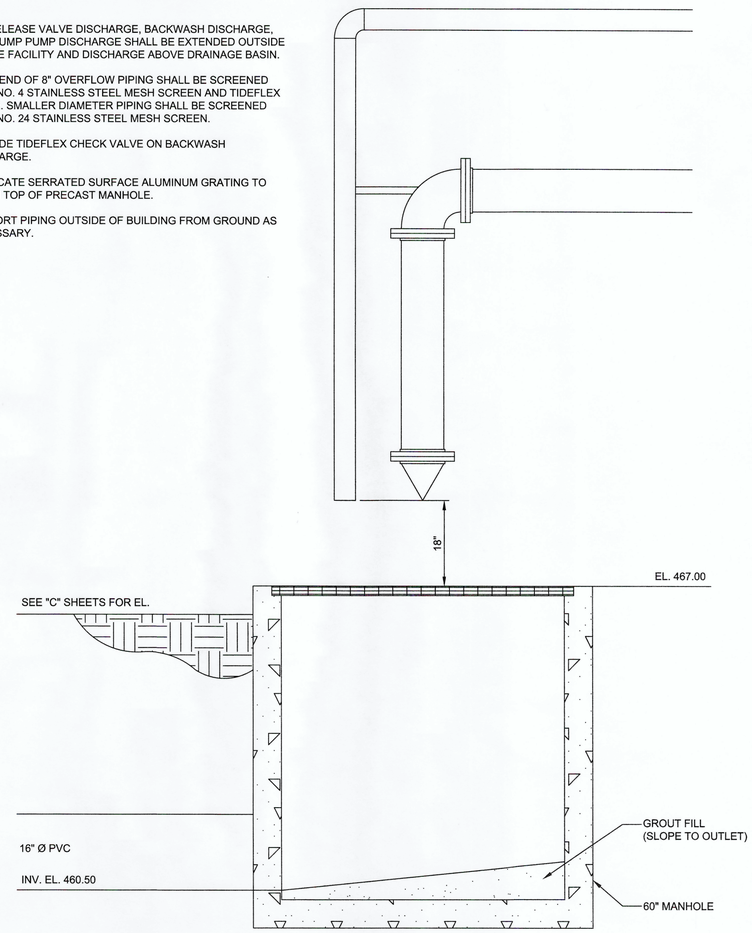
1. AIR RELEASE VALVE DISCHARGE, BACKWASH DISCHARGE, AND SUMP PUMP DISCHARGE SHALL BE EXTENDED OUTSIDE OF THE FACILITY AND DISCHARGE ABOVE DRAINAGE BASIN.

2. OPEN END OF 8" OVERFLOW PIPING SHALL BE SCREENED WITH NO. 4 STAINLESS STEEL MESH SCREEN AND TIDEFLEX VALVE. SMALLER DIAMETER PIPING SHALL BE SCREENED WITH NO. 24 STAINLESS STEEL MESH SCREEN.

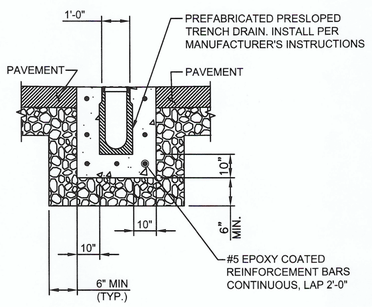
3. PROVIDE TIDEFLEX CHECK VALVE ON BACKWASH DISCHARGE.

4. FABRICATE SERRATED SURFACE ALUMINUM GRATING TO FIT ON TOP OF PRECAST MANHOLE.

5. SUPPORT PIPING OUTSIDE OF BUILDING FROM GROUND AS NECESSARY.



B C5.3 DRAINAGE BASIN
NO SCALE



C C5.3 EXTERIOR TRENCH DRAIN
NO SCALE

STATE OF KENTUCKY
JASON PATRIK INGRAM
37976
LICENSED PROFESSIONAL ENGINEER
10/6/2026

NO.	REVISIONS	DATE:
1	Addendum No. 1	11/6/26

SITE DETAILS

GRANULAR ACTIVATED CARBON (GAC) TREATMENT FACILITY
CITY OF MORGANFIELD
MORGANFIELD, KENTUCKY

JOB NO. 3695.020
PROJECT MGR. JASON INGRAM

STRAND ASSOCIATES®

SHEET 13
00-C5.3