



Stickney WTP Filter and SCADA Upgrades

MAWSS Project 10391316

February 24, 2026

ADDENDUM NO. 2

This addendum forms a part of the Contract Documents and modifies the original Request for Proposal, issued in January 2026, as noted below. Acknowledge receipt of this Addendum in the space provided on the Proposal Form. Failure to do so may subject Bidder to disqualification. This addendum consists of five (5) pages, including all attachments.

Revisions to Plans

1. Sheet E-617 (See attached Sheet Revision)
 - a. Revised sheet to include additional switch ports for security equipment.

Responses to Questions

1. Where is the key to the specific call out of pipe material on the respective lines?
Lines such as backwash and effluent.

Response: *Pipe system schedules (including material information) are included under Specification Section 40 05 00, Section 3.11 Piping System Schedules.*

2. How many basins can be down at a time? Is it 1a, 1b, 2a, and 2b for example? Or will it just be 1a and 1b. Does the plant have to keep 18 or 16 filters running all the time.

Response: *Sheet G-004 Proposed Sequence of Construction, Project Constraints note #5 states "Only (2) Filter basins may be taken out of serve at one time." Since each filter basin consists of two sub-basins, Filter 1a, 1b and Filter 2a, 2b could all be taken down in one phase.*

3. Will the use of uniflanges or megaflanges be allowed?

Response: *Flanged piping denoted for replacement should be replaced using flanged piping fabricated to length based on field measurements. Uniflange or megaflange connections with a dismantling joint are permitted for temporary connection to existing piping systems but should be removed and replaced with fabricated flange piping manufactured to fit upon completion.*

4. What is the length of time these basins can be down?

Response: *Filter basin downtime is not dictated in the Contract; the Contractor shall minimize each phase of the filter down-time as much as possible while completing the scope of work. A sequence of construction and schedule for basin downtimes will be submitted and reviewed as part of the scheduling workshop to be facilitated prior to construction. Sheet G-004 provides specific constraints that the Contractor must follow to maintain overall plant operations and to schedule downtimes for filters, backwashing, and other related work.*

5. How long does it take to complete a cycle of backwash on the east and west side. How long can this backwash line be down for on the east or west side following a complete backwash cycle.

Response: *MAWSS currently backwashes one filter basin (or two sub-basin) per day, and all filter basins are backwashed over a 10-day period (5-days for the east side and 5-days for the west side). The Contractor's schedule should be developed to limit backwash piping downtime to a period of 24 hours for any filters that are in service. The maximum downtime duration for backwash piping will not exceed 36 hours.*

6. What sort of repairs are we to expect to be covered in the section of repairs in the basins? Will only minor spalling be what is intended to be covered, or do you have any indication of how much actual work there will be to be done so we can price accordingly?

Response: *The filter basins have not been inspected recently, and the number of repairs is not known. Sheet S-002 provides five different repair types that may be encountered. Each repair type has a corresponding pay item with an estimated quantity associated. Concrete repairs that do not correspond to these types would be evaluated on a case-by-case basis.*

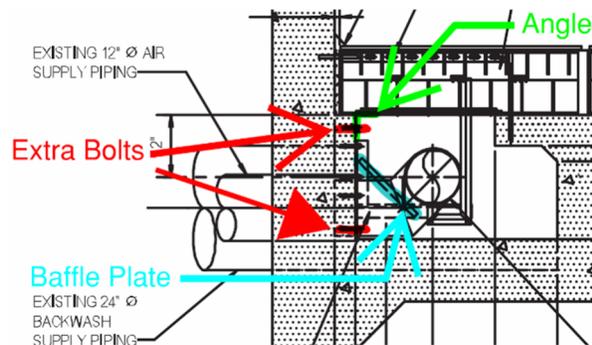
7. What testing specs are going to be required for the backwash prior to being placed into service. The plans call out only being down for 24-36 hours at a maximum, but a bacteria test would likely exceed this timeframe.

Response: *The backwash piping is not considered potable water and would not require bacteriological testing. For all other piping refer to Specification section 40 05 00. For potable water piping and fitting systems less than 20' in length refer to AWWA C651, Section 4.10.1. For Filter Basins refer to AWWA C652, Chlorination Method 1.*

8. Will a chlorination test suffice. Also, will chlorine tablets/powder be permitted. Or will we be required to use liquid chlorine.

Response: For the backwash piping and for piping and fitting systems less than 20' in length refer to AWWA C651, Section 4.10.1. For Filter Basins refer to AWWA C652, Chlorination Method 1.

9. Questions below received with the following diagram:



- Are air header and J-risers existing and to remain without replacement?
- Is this SS angle to support blocks existing and remaining or to be replaced?
- What are these 2 extra bolts for? And are they existing and to remain or be replaced?
- Is this a baffle plate existing? If so, is it existing and to remain or does it need to be provided?

Response: The Contractor will be responsible for removing and replacing all incidental accessories, hardware and appurtenances required for the installation of the filter underdrain equipment to provide a complete and operational system. These items should be included as part of the bid price.

10. What is the carrying capacity for the monorail beam downstairs in the gallery on the east and west side.

Response: The monorail beams along the east and west piping galleries were inspected by the Owner in November 2025, were listed in good condition, and rated for 1.5 Tons.

11. On the new metal building by the filters, regarding the east side. Given that we are going to be edge of the filters, from an OSHA standpoint with handrails, and a standpoint of keeping foreign materials out of the operating filters we will be working in such close proximity to, will we be required to cover a portion of the filter

basins alongside the building to achieve this? If so, what footage are you looking for clearance? On the west side, we believe we will be a reasonable distance away from the filters.

Response: *The means and methods for protecting the east and west filter basins from construction debris will be the responsibility of the contractor, and part of the bid price.*

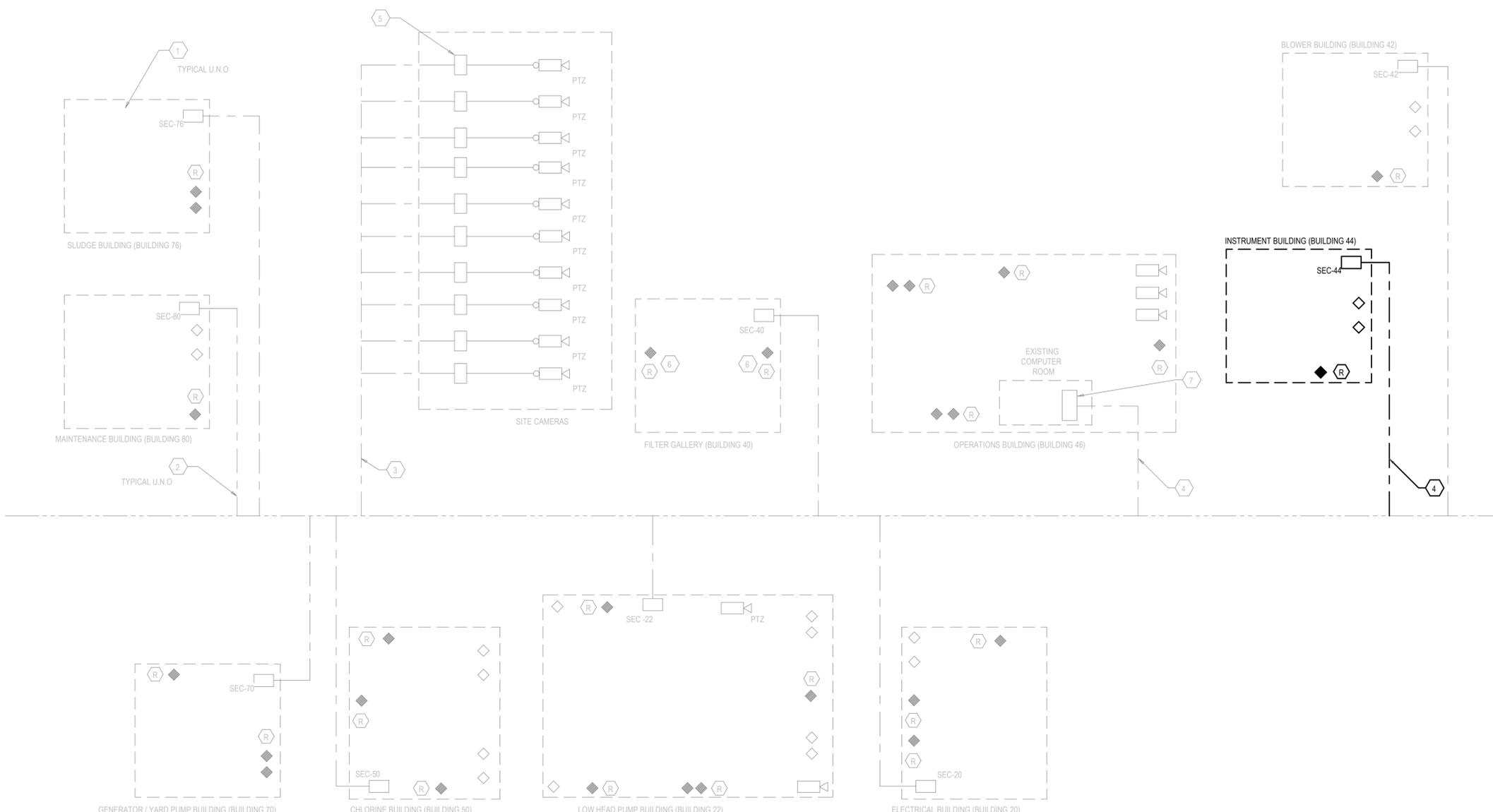
-END OF ADDENDUM-

GENERAL NOTES:

- ALL SECURITY EQUIPMENT CABINETS SHALL BE ROUTED BACK VIA FIBER TO THE NEW SECURITY EQUIPMENT RACK IN EXISTING COMPUTER ROOM IN BUILDING 46.

KEYED NOTES:

- ALL SECURITY DEVICES SHALL BE ROUTED BACK TO SEC PANEL WITHIN THE STRUCTURE THEY SERVE. TYPICAL U.N.O.
- 6 STRAND SM FO CABLES IN 4" CONDUIT FROM DUCTBANK TO TERMINATE AT EACH SEC PANEL FOR CONNECTION TO ACCESS CONTROL AND ALARM MONITORING SYSTEM AND VIDEO SURVEILLANCE WHERE APPLICABLE. ALL FIBER RUNS SHALL TERMINATE AT EXISTING SCADA ROOM SEC HEAD END IN BUILDING 46.
- 6 STRAND SM FO CABLE TO EACH POLE MOUNTED VIDEO SURVEILLANCE CAMERA ON SITE VIA A 2" CONDUIT TO EACH LIGHTING POLE. PROVIDE TRANSITION TO 1" CONDUIT THROUGH POLE BASE WITHIN LIGHTING POLE TO CAMERA LOCATION. CONDUIT/FIBER FROM CAMERAS SHALL BE CONNECTED TO DUCTBANK (DIV 26) AND TERMINATED AT NEW SECURITY SYSTEM RACK LOCATED IN EXISTING COMPUTER ROOM IN BUILDING 46.
- SM FO CABLES FROM DUCTBANK INTO EXISTING BUILDING FROM ALL SITE SEC PANELS. FOR BUILDING ENTRY CONDUITS FROM DUCTBANK REFER TO DIVISION 26 DOCUMENTS. FIBER FROM ENTRY TO EXISTING COMPUTER ROOM SHALL BE COORDINATED IN FIELD PRIOR TO INSTALLATION.
- EACH POLE HAS A POWER SUPPLY EQUIPMENT PANEL TO EACH CAMERA. REFERENCE A1 ON 02Y502.
- PROVIDE CAT 6 CABLE FOR CONNECTION TO ALL DEVICES FROM SEC PANEL. TYPICAL.
- NEW 19" SECURITY RACK. SEE DETAIL C1 ON DRAWING 02Y502



1 SECURITY ONE-LINE
NOT TO SCALE

SECURITY SYSTEM DEVICE SCHEDULE				
LINE	QTY	UNIT	MANUFACTUER	PART NUMBER
1	5	4X8MP, WDR, 360 DEGREE MAX FIELD OF VIEW, LIGHTCATCHER, 3.3-5.7MM, CAMERA ONLY	AVIGILON	32C-H5A-4MH
2	8	GIGABIT 802.3BT 60 W PoE INJECTOR, SINGLE PORT	AVIGILON	POE60U-1BTE
3	3	CAM, H6A PTZ, PENDANT, 4MP, 30X	AVIGILON	4.0C-H6A-PTZ-DP30
4	4	4MP AVIGILON DOME WITH IR	AVIGILON	4.0C-H6A-DO1-IR
5	1	2x5MP DUAL HEAD CAMERA WITH IR	AVIGILON	10.0C-H6ADH-DO1-IR

- SECURITY SYSTEM SCHEDULE NOTES:**
- ALL SECURITY HARDWARE SHALL BE COORDINATED WITH MAWSS:
 - A. JOSH EDWARDS, SOLUTIONS ENGINEER, SECURITY ENGINEERING, INC.
 - B. O: 850.484.9300
 - C. C: 850.530.8892
 - D. E: JOSH.EDWARDS@SECENG.COM
 - SECURITY HARDWARE SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED.
 - LOCATION OF ALL DEVICES SHALL BE COORDINATED WITH HDR, SECURITY ENGINEERING, INC. AND MAWSS PRIOR TO INSTALLATION.
 - PROVIDE A QUANTITY OF (2) 16 PORT SWITCHES AS AN EXTENSION OF THE EXISTING SECURITY CAMERA NETWORK.



ISSUE	DATE	DESCRIPTION
B	02/2026	BID ADDENDUM #2
A	01/2026	ISSUED FOR BIDS

PROJECT MANAGER	HEATH E. HARDY, PE
DESIGNED BY	J. SACHAREWITZ
DRAWN BY	B. HALL
CHECKED BY	J. VAN TASSEL
HDR PROJECT NO.	10391316

**PRELIMINARY
NOT FOR
CONSTRUCTION OR
RECORDING**



SECURITY SINGLE ONE-LINE

0 1" 2"

FILENAME | 10391316-10-E.rvt
SCALE | 1 1/2" = 1'-0"

SHEET
E-617

Autodesk Docs/10391316_MAWSS_Stickney_WTP_Filter_and_SCADA_Upgrade_2024/10391316-10-E.rvt 2/2/2026 8:37:29 AM