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*"Protecting Public Health and the Environment"*  
PASSAIC VALLEY SEWERAGE COMMISSION  
600 Wilson Avenue  
Newark, New Jersey 07105  
P (973) 344-1800  
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**ADDENDUM No. 1**

**for**

**CONTRACT NO. B436**

**PLANTWIDE SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)  
SYSTEM IMPROVEMENTS PROGRAM – WET TRAIN/LINE OPERATIONS**

**New Jersey Water Bank Project No. S340698-61**

**July 7, 2026**

**Hazen**

Hazen and Sawyer  
99 Wood Avenue South, 8<sup>th</sup> Floor, Suite 803  
Iselin, NJ 08830

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**George Markou, P.E.**  
N.J. Professional Engineer  
Lic. No. 24GE05777400

**To All Concerned:**

By order of the Passaic Valley Sewerage Commission (PVSC), all bidders of the above-captioned project are hereby notified, pursuant to the New Jersey Local Public Contracts Law, that the Contract Documents are hereby being modified by issuance of this Addendum No. 1, which is to be made part of the Contract Documents. Receipt of this Addendum shall be acknowledged in writing on Page 00 27 00-1 of Section 00 27 00 - Acknowledgement of Receipt of changes to Bid Documents Form. The Contract Documents are hereby amended as follows:

**GENERAL**

1. Section 00 01 10 – TABLE OF CONTENTS is being modified accordingly:

DELETE sentence:

“00 11 13 Advertisement to Bid...00 11 13-1 to 00 11 13-2”

and REPLACE with sentence:

“00 11 13 Advertisement to Bid...00 11 13-1 to 00 11 13-3”

DELETE sentence:

“00 52 13 Contract Agreement...00 52 13-1 to 00 52 13-8”

and REPLACE with sentence:

“00 52 13 Contract Agreement...00 52 13-1 to 00 52 13-9”

DELETE sentence:

“County Wage Rates...70 pages”

and REPLACE with sentence:

“County Wage Rates...71 pages”

DELETE sentence:

“State Prevailing Wage Rate Determination...53 pages”

and REPLACE with sentence:

“State Prevailing Wage Rate Determination...52 pages”

DELETE sentence:

“Federal Wage Rates...10 pages”

and REPLACE with sentence:

“Federal Wage Rates...11 pages”

DELETE sentence:

“List of Debarred Subcontractors and Contractors...4 pages”

and REPLACE with sentence:

“List of Debarred Subcontractors and Contractors...6 pages”

DELETE sentence:

“NJAC 7:22-9 and NJAC 7:22-10.11, 12...15 pages”

and REPLACE with sentence:

“NJAC 7:22-9 and NJAC 7:22-10.11, 12...31 pages”

DELETE sentence:

“SED Participation Building Phase Combined Quarterly Report (Form OEO-003)...7 pages”

and REPLACE with sentence:

“SED Participation Building Phase Combined Quarterly Report (Form OEO-003)...6 pages”

DELETE sentence:

“PVSC SED Utilization Plan...2 pages”

and REPLACE with sentence:

“PVSC SED Utilization Plan...4 pages”

DELETE sentence:

“Build America, Buy America (BABA) Implementation Procedures...2 pages”

and REPLACE with sentence:

“Build America, Buy America (BABA) Implementation Procedures...23 pages”

DELETE sentence:

“Workplace Accountability in Labor List...4 pages”

and REPLACE with sentence:

“Workplace Accountability in Labor List...5 pages”

DELETE sentence:

“03 11 16 Joints in Concrete...03 11 16-1 to 03 11 16-5”

and REPLACE with sentence:

“03 15 16 Joints in Concrete...03 15 16-1 to 03 15 16-5”

2. Section 00 11 13 – ADVERTISEMENT TO BID is being modified accordingly:

DELETE sentence:

“A pre-bid meeting and tour of the Project Area will be held on June 29, 2026.”

and REPLACE with sentence:

“A pre-bid meeting and tour of the Project Area will be held on June 29, 2026 from 12:00 PM to 3:30 PM.”

DELETE sentence:

“Contact Lorraine Salamanca, [lsalamanca@hazenandsawyer.com](mailto:lsalamanca@hazenandsawyer.com) (732-491-2815).”

and REPLACE with sentence:

“Contact Rachel Chin, [rchin@hazenandsawyer.com](mailto:rchin@hazenandsawyer.com) (212-539-7095).”

DELETE sentence:

“Therefore, if a potential bidder obtains the Bid Documents in any manner other than as specified herein, said Bidder shall promptly provide written notice to Lorraine Salamanca of Hazen and Sawyer, [lsalamanca@hazenandsawyer.com](mailto:lsalamanca@hazenandsawyer.com), 732-491-2815, accordingly.”

and REPLACE with sentence:

“Therefore, if a potential bidder obtains the Bid Documents in any manner other than as specified herein, said Bidder shall promptly provide written notice to Rachel Chin of Hazen and Sawyer, [rchin@hazenandsawyer.com](mailto:rchin@hazenandsawyer.com), 212-539-7095, accordingly.”

3. Replace drawings included in Bid Documents with Drawings included in Revision 1:
  - a. E-008 – Electrical Cable and Conduit Schedules – Sheet 2
  - b. E-009 – Electrical Cable and Conduit Schedules – Sheet 3
  - c. E-101 – Electrical Grit and Screening Second Level Floor Plan
  - d. E-202 – Electrical Influent Pump Station First Floor Plan
  - e. E-301 – Electrical Wet Weather Pump Station First Floor Plan
  - f. E-404 – Electrical Primary Clarifiers – Dehumidification Building #7 First Floor Plan
  - g. E-504 – Electrical Final Clarifiers Control Enclosure
  - h. E-601 – Electrical Effluent Pump Station Second Floor Plan
  - i. E-801 – Electrical Supernatant Treatment Plant Process Control Building Plan
4. See attached copy of the slides presented at the non-mandatory Pre-Bid Meeting, held on June 29<sup>th</sup>, 2026 at PVSC, which are provided for bidder information only and are expressly excluded from this contract.

File: C:\DOCS\DOCS\HAZEN AND SAWYER\04\2000\_PLANTWIDE SCADA SYSTEM IMPROVEMENTS\PROJECT FILES\01\_DESIGN\ELECTRICAL CONTRACTORS\008 CABLE AND CONDUIT SCHEDULES - SHEET 2.dwg, Saved by: DPORACKY Save date: 7/22/2026 2:01 PM  
PLOT DATE: 7/22/2026 2:08 PM BY: DPORACKY

- NOTES:
- SEE REFERENCED PROCESS AREA LOCATION DRAWING FOR EQUIPMENT/INSTRUMENTS LOCATIONS.
  - EXISTING CONDUIT BETWEEN TWO LOCATIONS, LOCATIONS REMAIN THE SAME. CONTRACTOR SHALL DISCONNECT, REMOVE AND DISPOSE OF EXISTING CABLE AND CONDUIT(S) IN ITS ENTIRETY AND REPLACE WITH NEW. CONTRACTOR MAY PROPOSE TO REUSE EXISTING CONDUIT PENDING APPROVAL BY THE ENGINEER ACCORDING TO THE LIMITATIONS IN SECTION 01 73 00 AND SECTION 01 73 01.
  - NEW CABLE AND CONDUIT BETWEEN LOCATIONS WHERE ONE OR BOTH LOCATIONS MAY BE NEW AND EXISTING CABLE AND CONDUIT DOES NOT EXIST.
  - NEW CABLE AND CONDUIT BETWEEN TWO LOCATIONS WHERE ONE OR BOTH LOCATIONS IS NEW AND THE PROPOSED WORK RESULTS IN EXISTING CABLE AND CONDUIT(S) BEING DISCONNECTED, REMOVED, AND DISPOSED IN ITS ENTIRETY. CONTRACTOR MAY PROPOSE TO PARTIALLY REUSE SOME OR ALL OF THE EXTENTS OF EXISTING CONDUIT ACCORDING TO THE LIMITATIONS IN SECTION 01 73 00 AND SECTION 01 73 01. \* DENOTES EXISTING TERMINATION POINT.
  - SEE DRAWING E-702 FOR NOTES ON REUSE OF EXISTING DUCT BANK FOR PARTIAL ROUTING. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS IN SWGR-1D AND SUBMIT PROPOSED PLAN TO ENGINEER FOR REVIEW AND APPROVAL BEFORE PERFORMING WORK.
  - SEE DRAWING G-003 FOR APPROXIMATE LOCATION OF FIELD PANELS. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.

| CABLE AND CONDUIT SCHEDULE |              |              |                  |                  |                  |         |                                             |       |
|----------------------------|--------------|--------------|------------------|------------------|------------------|---------|---------------------------------------------|-------|
| CONDUIT NO.                | CONDUIT SIZE | CONDUIT TYPE | CONDUIT FILL     | FROM             | TO               | PURPOSE | LOCATION                                    | NOTES |
| I-001                      | 1"           | RGS          | 2 CAT6           | RW-MCP           | NDC-RASWAS       | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-002                      | 1"           | RGS          | 2 CAT6           | NDC-RASWAS       | RW-PC-TN         | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-003                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-MCP           | NDC-RASWAS       | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| 1 I-004                    | -            | -            | -                | -                | -                | -       | -                                           | -     |
| I-006                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-WAS-CP-1/2    | RW-MCP           | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| 1 I-007                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-RAS-CP-3      | RW-MCP           | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-009                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-RAS-CP-3      | RW-RAS-CP-2      | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-010                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-RAS-CP-2      | RW-RAS-CP-1      | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-011                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-RAS-CP-1      | RW-WAS-CP-3/4    | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-012                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-RAS-CP-3/4    | RW-WAS-CP-1/2    | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| 1 I-013                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | RW-MCP           | RW-WAS-CP        | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR         | 3     |
| I-015                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | STP-CP           | NDC-STP          | NETWORK | SUPERNATANT TREATMENT PLANT                 | 3     |
| I-016                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | NDC-STP          | STPPC-TN         | NETWORK | SUPERNATANT TREATMENT PLANT                 | 3     |
| I-017                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | STPPC-TN         | NDC-STP          | NETWORK | SUPERNATANT TREATMENT PLANT                 | 3     |
| I-018                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | FC-MCP           | NDC-FC           | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| I-019                      | 1"           | RGS          | 2 CAT6           | NDC-FC           | FCPC1-TN         | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| I-020                      | -            | -            | -                | -                | -                | -       | -                                           | 3     |
| I-021                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | FC-MCP           | FC-DS-CP         | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| 1 I-022                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | FC-DS-CP         | NDC-FC           | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| I-024                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | FC-CP-9/10/11/12 | FC-CP-5/6/7/8    | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| I-025                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | FC-CP-5/6/7/8    | FC-CP-1/2/3/4    | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| 1 I-026                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | FC-CP-1/2/3/4    | FC-MCP           | NETWORK | FINAL CLARIFIERS CONTROL ENCLOSURE          | 3     |
| I-028                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-DS-RIO-1/3    | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-029                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-DS-RIO-2/4    | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-030                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-DS-RIO-5/7    | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-031                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-DS-RIO-6/8    | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-032                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-DS-RIO-9/11   | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-033                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-DS-RIO-10/12  | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-034                      | 1"           | PVC RGS      | 2 CAT6           | FCPC2-TN         | NDC-FC           | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-035                      | EXISTING     | EXISTING     | 2 CAT6 (1 SPARE) | FC-PB-CP-1       | FC-PB-MCP        | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 2     |
| I-036                      | EXISTING     | EXISTING     | 2 CAT6 (1 SPARE) | FC-PB-CP-2       | FC-PB-MCP        | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 2     |
| I-037                      | EXISTING     | EXISTING     | 2 CAT6 (1 SPARE) | FC-PB-CP-3       | FC-PB-MCP        | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 2     |
| I-038                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-PB-MCP        | FC-CP-9/10/11/12 | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-039                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | FC-PB-MCP        | FC-DS-CP         | NETWORK | FINAL CLARIFIERS BASEMENT/CONTROL ENCLOSURE | 3     |
| I-040                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-CP-NPW-4     | EPS-CP-NPW-3     | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-041                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-CP-NPW-3     | EPS-CP-NPW-2     | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-042                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-CP-NPW-2     | EPS-CP-NPW-1     | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-043                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-CP-EP-4      | EPS-CP-EP-3      | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-044                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-CP-EP-3      | EPS-CP-EP-2      | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| 1 I-045                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-CP-EP-2      | EPS-CP-EP-1      | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-047                      | 1"           | RGS          | 2 CAT6           | EPS-RIO-1        | EPS-MCP          | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-048                      | 1"           | RGS          | 2 CAT6           | EPS-RIO-2        | EPS-MCP          | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| 1 I-049                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | EPS-NPW-LCP      | EPS-MCP          | NETWORK | EFFLUENT PUMP STATION                       | 3     |
| I-051                      | EXISTING     | EXISTING     | 2 CAT6 (1 SPARE) | EPS-HYPO-RIO     | EPS-HYPO-CP      | NETWORK | SODIUM HYPOCHLORITE METERING FACILITIES     | 2     |
| I-052                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | EPS-HYPO-CP      | NDC-EPS          | NETWORK | SODIUM HYPOCHLORITE METERING FACILITIES     | 3     |
| I-053                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | EPS-HYPO-CP      | EPS-MCP          | NETWORK | SODIUM HYPOCHLORITE METERING FACILITIES     | 3     |
| I-054                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | EPS-HYPO-CP      | EPS-CP-NPW-4     | NETWORK | SODIUM HYPOCHLORITE METERING FACILITIES     | 3     |
| I-055                      | 1-1/2"       | PVC RGS      | 2 CAT6           | EPSPC-TN         | NDC-EPS          | NETWORK | SODIUM HYPOCHLORITE METERING FACILITIES     | 3     |
| I-056                      | 1"           | PVC RGS      | 2 CAT6 (1 SPARE) | EPS-MCP          | NDC-EPS          | NETWORK | SODIUM HYPOCHLORITE METERING FACILITIES     | 3     |
| I-057                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-CP-8/10/12    | PC-MCP           | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| I-058                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-CP-8/10/12    | PC-CP-7/9/11     | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| I-059                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-CP-7/9/11     | PC-CP-2/4/6      | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| I-060                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-CP-2/4/6      | PC-CP-1/3/5      | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| I-061                      | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-CP-1/3/5      | PC-MCP           | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| 1 I-062                    | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-MCP           | NDC-PC           | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| 1 I-062A                   | 1"           | RGS          | 2 CAT6 (1 SPARE) | PC-CP-1/3/5      | NDC-PC           | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| I-065                      | 1"           | RGS          | 2 CAT6           | PCPC1-TN         | NDC-PC           | NETWORK | DEHUMIDIFICATION BUILDING #7                | 3     |
| I-066                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | PC-RIO-8/10/12   | PC-CP-8/10/12    | NETWORK | PC GALLERY/DHB #7                           | 3     |
| I-067                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | PC-RIO-7/9/11    | PC-CP-7/9/11     | NETWORK | PC GALLERY/DHB #7                           | 3     |
| I-068                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | PC-RIO-2/4/6     | PC-CP-2/4/6      | NETWORK | PC GALLERY/DHB #7                           | 3     |
| I-069                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | PC-RIO-1/3/5     | PC-CP-1/3/5      | NETWORK | PC GALLERY/DHB #7                           | 3     |
| I-070                      | 1-1/2"       | PVC RGS      | FIBER OPTIC      | PCPC2-TN         | NDC-PC           | NETWORK | PC GALLERY/DHB #7                           | 3     |

|     |            |         |    |  |  |
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|     |            |         |    |  |  |
| 1   | ADDENDUM 1 | 7/6/26  | GM |  |  |
| 0   | BID SET    | 5/18/26 | WG |  |  |
| REV | ISSUED FOR | DATE    | BY |  |  |

|                                                                   |             |
|-------------------------------------------------------------------|-------------|
| PROJECT ENGINEER:                                                 | P. KNOWLES  |
| DESIGNED BY:                                                      | D. PORACKY  |
| DRAWN BY:                                                         | B. WALLISCH |
| CHECKED BY:                                                       | G. MARKOU   |
| IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE | 0 1/2" 1"   |

|                   |
|-------------------|
| FINAL DESIGN      |
| N.J. P.E. LICENSE |
| # 24GE05777400    |
| DATE: 07/07/2026  |

# Hazen

HAZEN AND SAWYER  
99 WOOD AVE SOUTH, 8TH FL, STE 803  
ISELIN NEW JERSEY 08830

PASSAIC VALLEY SEWERAGE COMMISSION  
NEWARK, NEW JERSEY

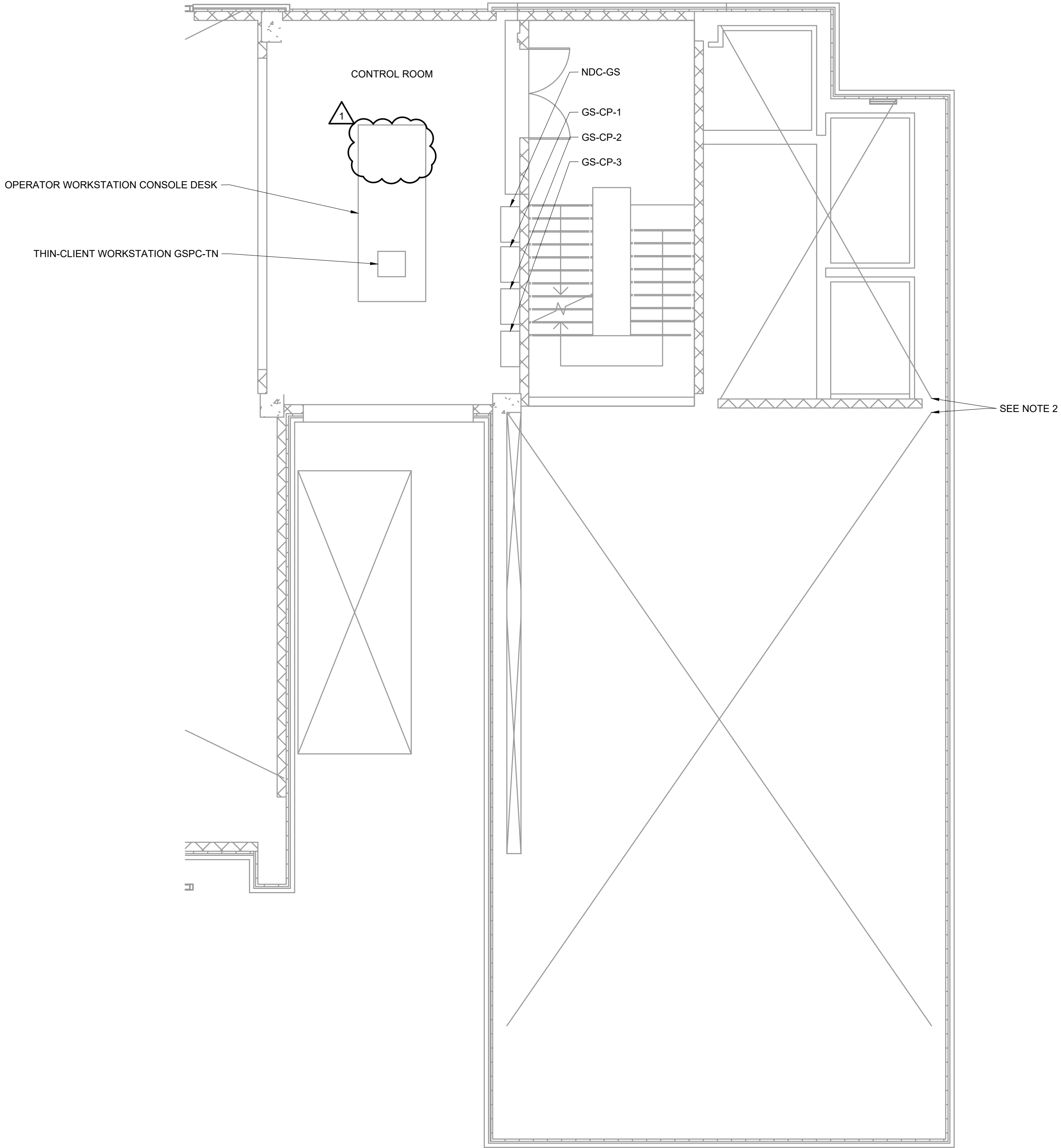
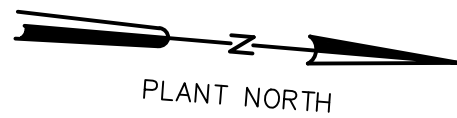
CONTRACT B436  
PLANTWIDE SCADA SYSTEM IMPROVEMENTS  
- WET TRAIN/LINE OPERATIONS

|                                                        |  |                       |
|--------------------------------------------------------|--|-----------------------|
| ELECTRICAL<br>CABLE AND CONDUIT SCHEDULES -<br>SHEET 2 |  | DATE: MAY 2026        |
|                                                        |  | HAZEN NO.: 90452-000  |
|                                                        |  | CONTRACT NO.: B436    |
|                                                        |  | DRAWING NUMBER: E-008 |

| CABLE AND CONDUIT SCHEDULE |             |              |              |                 |                            |                                            |         |                                     |                     |
|----------------------------|-------------|--------------|--------------|-----------------|----------------------------|--------------------------------------------|---------|-------------------------------------|---------------------|
|                            | CONDUIT NO. | CONDUIT SIZE | CONDUIT TYPE | CONDUIT FILL    | FROM                       | TO                                         | PURPOSE | LOCATION                            | NOTES               |
| 1                          | I-071       | 1"           | RGS          | 2CAT6 (1 SPARE) | IPS-MCP                    | NDC-IPS                                    | NETWORK | INFLUENT PUMP STATION               | 2                   |
| 1                          | I-071A      | 1"           | RGS          | 2CAT6 (1 SPARE) | IPS-MCP                    | IPS-CP-2                                   | NETWORK | INFLUENT PUMP STATION               | 2                   |
|                            | I-073       | 1"           | RGS          | 2CAT6 (1 SPARE) | IPS-CP-2                   | NDC-IPS                                    | NETWORK | INFLUENT PUMP STATION               | 2                   |
| 1                          | I-074       | 1"           | RGS          | 2CAT6 (1 SPARE) | IPS-CP-2                   | IPS-CP-1                                   | NETWORK | INFLUENT PUMP STATION               | 2                   |
|                            | I-076       | 1"           | RGS          | 2CAT6 (1 SPARE) | IPS-CP-1                   | IPS-MCP                                    | NETWORK | INFLUENT PUMP STATION               | -                   |
|                            | I-078       | 1"           | RGS          | 2CAT6 (1 SPARE) | IPSPC-TN                   | NDC-IPS                                    | NETWORK | INFLUENT PUMP STATION               | 2                   |
|                            | I-079       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-CP-2                  | NDC-WWPS                                   | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-080       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-CP-2                  | WWPS-SSI-CP                                | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-081       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-CP-2                  | WWPS-CP-3                                  | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-082       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-CP-3                  | WWPS-CP-4                                  | NETWORK | WET WEATHER PUMP STATION            | 2                   |
| 1                          | I-083       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-CP-4                  | WWPS-MCP                                   | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-085       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-MCP                   | WWPS-SSI-CP                                | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-086       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPS-SSI-CP                | NDC-WWPS                                   | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-087       | 1"           | RGS          | 2CAT6 (1 SPARE) | WWPC-TN                    | NDC-WWPS                                   | NETWORK | WET WEATHER PUMP STATION            | 2                   |
|                            | I-088       | 1"           | RGS          | 2CAT6 (1 SPARE) | OEM-CP                     | OEMPC-TN                                   | NETWORK | OEM BUILDING                        | 3                   |
| 1                          | I-089       | 1"           | RGS          | 2CAT6 (1 SPARE) | OEM-CP                     | SECOND FLOOR PROCESS CONTROL CENTER        | NETWORK | OEM BUILDING                        | 3                   |
|                            | -           | -            | -            | -               | -                          | -                                          | -       | -                                   | -                   |
|                            | I-092       | 1"           | RGS          | 2CAT6           | GSPC-TN                    | NDC-GS                                     | NETWORK | GRIT AND SCREENING SECOND LEVEL     | 3                   |
|                            | I-093       | 1"           | RGS          | 2CAT6 (1 SPARE) | YCW-CP                     | ANTENNA                                    | NETWORK | YANTACAW PUMP STATION               | 2                   |
|                            | I-093A      | 3/4"         | RGS          | 2#14            | BACKUP FLOAT SYSTEM        | YCW-CP                                     | SIGNAL  | YANTACAW PUMP STATION               | 2                   |
|                            | I-093B      | 1"           | RGS          | 2 #16 TWSP      | BACKUP FLOAT SYSTEM        | YCW-CP                                     | SIGNAL  | YANTACAW PUMP STATION               | 2                   |
|                            | I-094       | -            | -            | RS232           | CS-CP                      | PHOENIX CONTACT RADIO FOR COLLECTION GATES | SIGNAL  | OXYGEN PRODUCTION FACILITY          | 4, 7                |
|                            | I-095       | 3/4"         | RGS          | 6 #14           | UPS                        | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 3                   |
|                            | I-096       | 3/4"         | RGS          | 4 #14           | HV-3 - AIR HANDLING UNIT   | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-097       | EXISTING     | EXISTING     | 6 #14           | SWGR-1D                    | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-098       | EXISTING     | EXISTING     | 6 #14           | SWGR-1D                    | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-099       | EXISTING     | EXISTING     | 6 #14           | SWGR-1D                    | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-100       | EXISTING     | EXISTING     | 6 #14           | SWGR-1D                    | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-101       | EXISTING     | EXISTING     | 6 #14           | SWGR-1D                    | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-102       | 3/4"         | RGS          | 8 #14           | SLUICE GATE SGSW-501       | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-103       | 3/4"         | RGS          | 8 #14           | SLUICE GATE SGSW-502       | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-104       | 3/4"         | RGS          | 8 #14           | SLUICE GATE SGSW-520       | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-105       | 3/4"         | RGS          | 8 #14           | SLUICE GATE SGSW-521       | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-106       | EXISTING     | EXISTING     | 20 #14          | WAS PUMP NO. 1 VFD         | RW-WAS-CP-1/2                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-107       | EXISTING     | EXISTING     | 2 #16TWSP       | WAS PUMP NO. 1 VFD         | RW-WAS-CP-1/2                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-108       | EXISTING     | EXISTING     | 20 #14          | WAS PUMP NO. 2 VFD         | RW-WAS-CP-1/2                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-109       | EXISTING     | EXISTING     | 2 #16TWSP       | WAS PUMP NO. 2 VFD         | RW-WAS-CP-1/2                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-110       | EXISTING     | EXISTING     | 20 #14          | WAS PUMP NO. 3 VFD         | RW-WAS-CP-3/4                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-111       | EXISTING     | EXISTING     | 2 #16TWSP       | WAS PUMP NO. 3 VFD         | RW-WAS-CP-3/4                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-112       | EXISTING     | EXISTING     | 20 #14          | WAS PUMP NO. 4 VFD         | RW-WAS-CP-3/4                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-113       | EXISTING     | EXISTING     | 2 #16TWSP       | WAS PUMP NO. 4 VFD         | RW-WAS-CP-3/4                              | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 5                   |
|                            | I-114       | 1"           | RGS          | 2CAT6 (1 SPARE) | FCV-511 ACTUATOR           | RW-WAS-CP-1/2                              | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-115       | 1"           | RGS          | 2CAT6 (1 SPARE) | FCV-512 ACTUATOR           | RW-WAS-CP-1/2                              | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-116       | 1"           | RGS          | 2CAT6 (1 SPARE) | FCV-513 ACTUATOR           | RW-WAS-CP-3/4                              | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-117       | 1"           | RGS          | 2CAT6 (1 SPARE) | FCV-514 ACTUATOR           | RW-WAS-CP-3/4                              | NETWORK | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-118       | 3/4"         | RGS          | 4 #14           | SPRAY WATER SYSTEM NO. 1   | RW-RAS-CP-1                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-119       | 3/4"         | RGS          | 4 #14           | SPRAY WATER SYSTEM NO. 2   | RW-RAS-CP-2                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-120       | 3/4"         | RGS          | 4 #14           | SPRAY WATER SYSTEM NO. 3   | RW-RAS-CP-3                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-121       | 3/4"         | RGS          | 2 #14           | RAS PRE-LUBE PUMP NO. 1    | RW-RAS-CP-1                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-122       | 3/4"         | RGS          | 2 #14           | RAS PRE-LUBE PUMP NO. 2    | RW-RAS-CP-2                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-123       | 3/4"         | RGS          | 2 #14           | RAS PRE-LUBE PUMP NO. 3    | RW-RAS-CP-3                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-124       | 1"           | RGS          | 14 #14          | RAS PUMP NO. 1             | RW-RAS-CP-1                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-125       | 1"           | RGS          | 14 #14          | RAS PUMP NO. 2             | RW-RAS-CP-2                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-126       | 1"           | RGS          | 14 #14          | RAS PUMP NO. 3             | RW-RAS-CP-3                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-127       | 3/4"         | RGS          | 2#14            | RAS PUMP NO. 1 TEMP SENSOR | RW-RAS-CP-1                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-128       | 1"           | RGS          | 2 #16 TWSP      | RAS PUMP NO. 1 TEMP SENSOR | RW-RAS-CP-1                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-129       | 3/4"         | RGS          | 2#14            | RAS PUMP NO. 2 TEMP SENSOR | RW-RAS-CP-2                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-130       | 1"           | RGS          | 2 #16 TWSP      | RAS PUMP NO. 2 TEMP SENSOR | RW-RAS-CP-2                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-131       | 3/4"         | RGS          | 2#14            | RAS PUMP NO.3 TEMP SENSOR  | RW-RAS-CP-3                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-132       | 1"           | RGS          | 2 #16 TWSP      | RAS PUMP NO.3 TEMP SENSOR  | RW-RAS-CP-3                                | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-133       | 1"           | RGS          | 1 #16 TWSP      | PRESSURE INSTRUMENT        | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-134       | 1"           | RGS          | 1 #16 TWSP      | FLOW INSTRUMENT            | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-135       | 1"           | RGS          | 1 #16 TWSP      | PRESSURE INSTRUMENT        | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |
|                            | I-136       | 1"           | RGS          | 1 #16 TWSP      | FLOW INSTRUMENT 516        | RW-MCP                                     | SIGNAL  | RAS/WAS PUMPING STATION FIRST FLOOR | 4, *EXISTING RW-MCP |

1. SEE REFERENCED PROCESS AREA LOCATION DRAWING FOR EQUIPMENT/INSTRUMENTS LOCATIONS.
2. EXISTING CONDUIT BETWEEN TWO LOCATIONS, LOCATIONS REMAIN THE SAME. CONTRACTOR SHALL DISCONNECT, REMOVE AND DISPOSE OF EXISTING CABLE AND CONDUIT(S) IN ITS ENTIRETY AND REPLACE WITH NEW. CONTRACTOR MAY PROPOSE TO REUSE EXISTING CONDUIT PENDING APPROVAL BY THE ENGINEER ACCORDING TO THE LIMITATIONS IN SECTION 01 73 00 AND SECTION 01 73 01.
3. NEW CABLE AND CONDUIT BETWEEN LOCATIONS WHERE ONE OR BOTH LOCATIONS MAY BE NEW AND EXISTING CABLE AND CONDUIT DOES NOT EXIST.
4. NEW CABLE AND CONDUIT BETWEEN TWO LOCATIONS WHERE ONE OR BOTH LOCATIONS IS NEW AND THE PROPOSED WORK RESULTS IN EXISTING CABLE AND CONDUIT(S) BEING DISCONNECTED, REMOVED, AND DISPOSED IN ITS ENTIRETY. CONTRACTOR MAY PROPOSE TO PARTIALLY REUSE SOME OR ALL OF THE EXTENTS OF EXISTING CONDUIT ACCORDING TO THE LIMITATIONS IN SECTION 01 73 00 AND SECTION 01 73 01. \* DENOTES EXISTING TERMINATION POINT
5. SEE DRAWING E-702 FOR NOTES ON REUSE OF EXISTING DUCT BANK FOR PARTIAL ROUTING. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS IN SWGR-1D AND SUBMIT PROPOSED PLAN TO ENGINEER FOR REVIEW AND APPROVAL BEFORE PERFORMING WORK.
6. SEE DRAWING G-003 FOR APPROXIMATE LOCATION OF FIELD PANELS. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
7. CS-CP IS TO BE PROVIDED BY PVSC AND INSTALLED UNDER THIS CONTRACT. LOCATION TO BE DETERMINED BY ENGINEER AND OWNER. CONTRACTOR TO PROVIDE 120V POWER TO CS-CP AND FIBER CONNECTION TO NDC. THE PHOENIX CONTACT RADIO FOR COLLECTION GATES IS EXISTING AND TO BE MOVED BY OTHERS DIRECTLY ADJACENT TO/INSIDE CS-CP. CONTRACTOR SHALL FIELD VERIFY WHAT IS REQUIRED.

|     |            |         |    |                            |                  |              |                                                                                                                               |                                    |                    |            |                               |         |                                     |                             |
|-----|------------|---------|----|----------------------------|------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|------------|-------------------------------|---------|-------------------------------------|-----------------------------|
|     |            |         |    | PROJECT ENGINEER:          | P. KNOWLES       | FINAL DESIGN | <div>Hazen</div> <div>HAZEN AND SAWYER</div> <div>99 WOOD AVE SOUTH, 8TH FL, STE 803</div> <div>ISELIN NEW JERSEY 08830</div> | PASSAIC VALLEY SEWERAGE COMMISSION | NEWARK, NEW JERSEY | ELECTRICAL | CABLE AND CONDUIT SCHEDULES - | SHEET 3 | DATE:                               | MAY 2026                    |
|     |            |         |    | DESIGNED BY:               | D. PORACKY       |              |                                                                                                                               |                                    |                    |            |                               |         | HAZEN NO.:                          | 90452-000                   |
|     |            |         |    | DRAWN BY:                  | B. WALLISCH      |              |                                                                                                                               | CONTRACT NO.:                      | B436               |            |                               |         |                                     |                             |
|     |            |         |    | CHECKED BY:                | G. MARKOU        |              |                                                                                                                               | DRAWING NUMBER:                    | E-009              |            |                               |         |                                     |                             |
| 1   | ADDENDUM 1 | 7/6/26  | GM | IF THIS BAR DOES NOT       | 0                |              |                                                                                                                               | 1/2"                               | 1"                 |            |                               |         | PLANTWIDE SCADA SYSTEM IMPROVEMENTS | - WET TRAIN/LINE OPERATIONS |
| 0   | BID SET    | 5/18/26 | WG | MEASURE 1" THEN DRAWING IS |                  |              |                                                                                                                               |                                    |                    |            |                               |         |                                     |                             |
| REV | ISSUED FOR | DATE    | BY | NOT TO FULL SCALE          | DATE: 07/07/2026 |              |                                                                                                                               |                                    |                    |            |                               |         |                                     |                             |

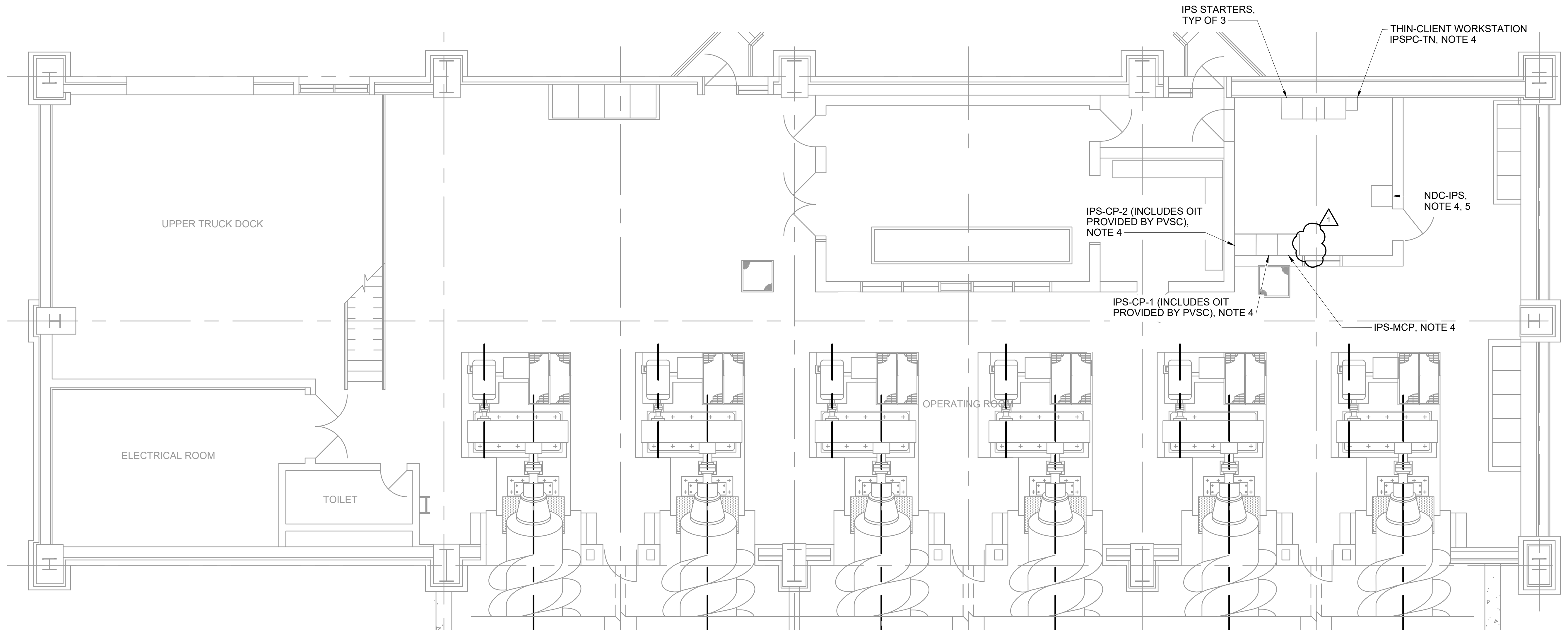
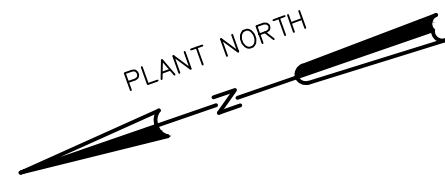


- NOTES:
1. CONTRACTOR SHALL FIELD ROUTE CABLE AND CONDUIT AND SUBMIT PROPOSED ROUTING TO ENGINEER FOR REVIEW AND APPROVAL. REFER TO CABLE AND CONDUIT SCHEDULE.
  2. NOT ACCESSIBLE AT THIS LEVEL, OPEN TO BELOW.
  3. NO CABLE AND CONDUITS ARE SHOWN OR CALLED OUT ON THE PLAN DRAWINGS. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE.
  4. EQUIPMENT SHOWN ON THIS SHEET IS FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT AND IS EXISTING.

SECOND LEVEL FLOOR PLAN

3/16" = 1'0"  
121.92' FFE

|     |            |         |    |                                                                   |             |              |                                                                                                                 |                                                          |                                                                                     |                                                             |                 |           |
|-----|------------|---------|----|-------------------------------------------------------------------|-------------|--------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------|-----------|
|     |            |         |    | PROJECT ENGINEER:                                                 | P. KNOWLES  | FINAL DESIGN | <div>Hazen</div> <div>HAZEN AND SAWYER<br/>99 WOOD AVE SOUTH, 8TH FL, STE 803<br/>ISELIN NEW JERSEY 08830</div> | PASSAIC VALLEY SEWERAGE COMMISSION<br>NEWARK, NEW JERSEY | CONTRACT B436<br>PLANTWIDE SCADA SYSTEM IMPROVEMENTS<br>- WET TRAIN/LINE OPERATIONS | ELECTRICAL<br>GRIT AND SCREENING<br>SECOND LEVEL FLOOR PLAN | DATE:           | MAY 2026  |
|     |            |         |    | DESIGNED BY:                                                      | D. PORACKY  |              |                                                                                                                 |                                                          |                                                                                     |                                                             | HAZEN NO.:      | 90452-000 |
|     |            |         |    | DRAWN BY:                                                         | B. WALLISCH |              |                                                                                                                 |                                                          |                                                                                     |                                                             | CONTRACT NO.:   | B436      |
|     |            |         |    | CHECKED BY:                                                       | G. MARKOU   |              |                                                                                                                 |                                                          |                                                                                     |                                                             | DRAWING NUMBER: |           |
|     |            |         |    |                                                                   |             |              |                                                                                                                 |                                                          |                                                                                     |                                                             |                 | E-101     |
| 1   | ADDENDUM 1 | 7/6/26  | GM | IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE |             | 0 1/2" 1"    | # 24GE05777400                                                                                                  | DATE: 07/07/2026                                         |                                                                                     |                                                             |                 |           |
| 0   | BID SET    | 5/18/26 | WG |                                                                   |             |              |                                                                                                                 |                                                          |                                                                                     |                                                             |                 |           |
| REV | ISSUED FOR | DATE    | BY |                                                                   |             |              |                                                                                                                 |                                                          |                                                                                     |                                                             |                 |           |



FIRST FLOOR PLAN  
3/16" = 1'-0"

NOTES:

1. CONTRACTOR SHALL FIELD ROUTE CABLE AND CONDUIT AND SUBMIT PROPOSED ROUTING TO ENGINEER FOR REVIEW AND APPROVAL. REFER TO CABLE AND CONDUIT SCHEDULE.
2. NO CABLE AND CONDUITS ARE SHOWN OR CALLED OUT ON THE PLAN DRAWINGS. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE.
3. EQUIPMENT TO BE PROVIDED BY PVSC AND INSTALLED UNDER THIS CONTRACT (THIS NOTE IS NOTE APPLICABLE TO THIS DRAWING).
4. EXISTING PANELS WHERE NEW ELECTRICAL CONNECTIONS WILL BE MADE UNDER THIS CONTRACT.
5. THE EXISTING MAIN FIBER OPTIC CABLE TO BE TESTED AND RETERMINATED IN THE NDC.



File: C:\DOCS\DOCS\HAZEN AND SAWYER\W452000\_PLANTWIDE SCADA SYSTEM IMPROVEMENTS\PROJECT FILES\01\_DESIGN\ELECTRICAL CONTRACTORS\02 INFLUENT PUMP STATION FIRST FLOOR PLAN.dwg, Saved by: D.PORACKY, Save date: 7/2/2026 2:07 PM, Plot date: 7/2/2026 2:09 PM, BY: D.PORACKY

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|     |            |         |    |
| 1   | ADDENDUM 1 | 7/6/26  | GM |
| 0   | BID SET    | 5/18/26 | WG |
| REV | ISSUED FOR | DATE    | BY |

|                   |             |
|-------------------|-------------|
| PROJECT ENGINEER: | P. KNOWLES  |
| DESIGNED BY:      | D. PORACKY  |
| DRAWN BY:         | B. WALLISCH |
| CHECKED BY:       | G. MARKOU   |

|                   |
|-------------------|
| FINAL DESIGN      |
| N.J. P.E. LICENSE |
| # 24GE05777400    |
| DATE: 07/07/2026  |

**Hazen**

HAZEN AND SAWYER  
99 WOOD AVE SOUTH, 8TH FL, STE 803  
ISELIN NEW JERSEY 08830

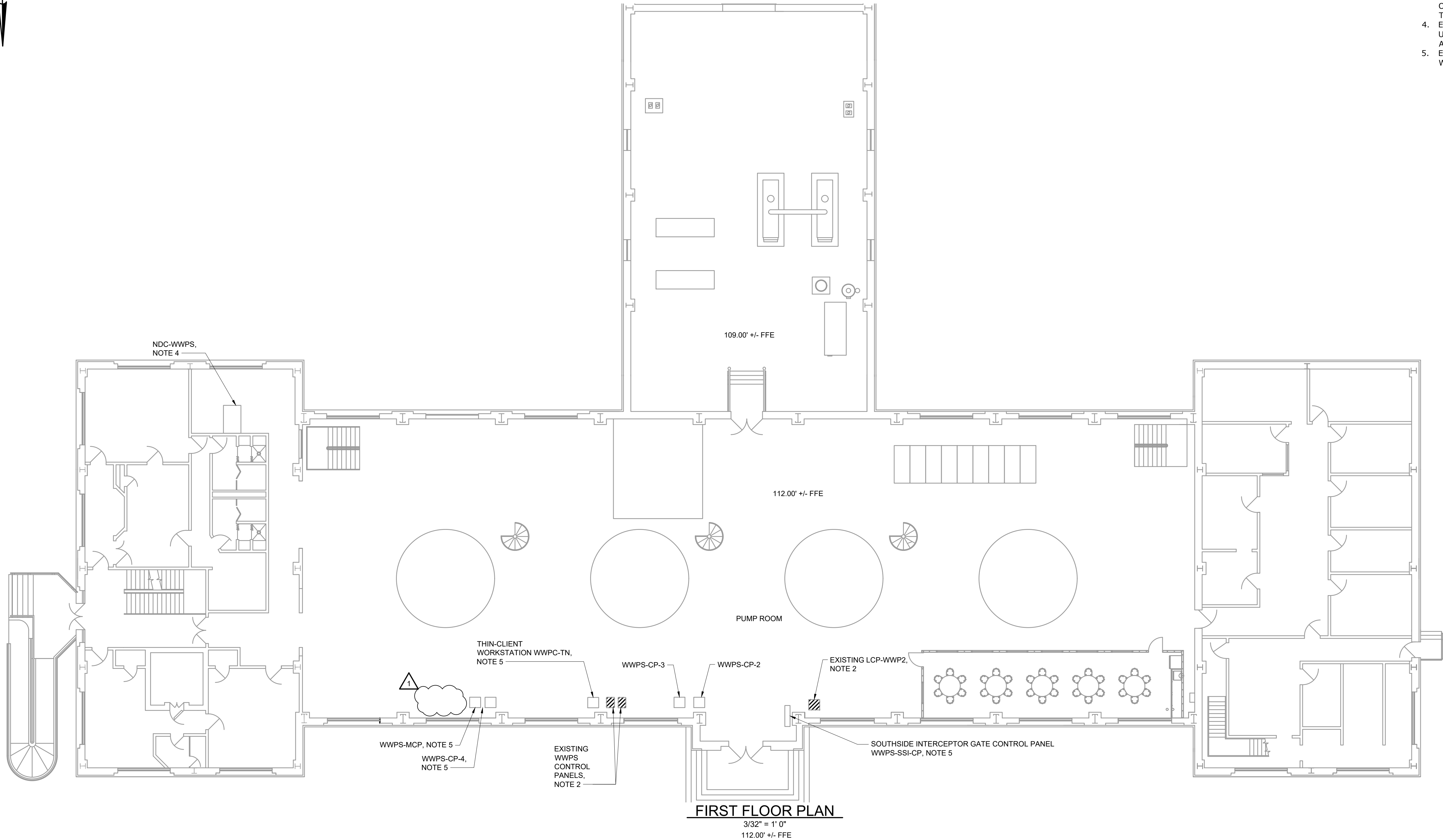
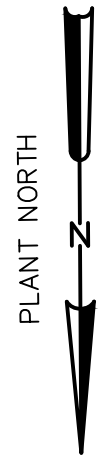
PASSAIC VALLEY SEWERAGE COMMISSION  
NEWARK, NEW JERSEY

CONTRACT B436  
PLANTWIDE SCADA SYSTEM IMPROVEMENTS  
- WET TRAIN/LINE OPERATIONS

ELECTRICAL  
INFLUENT PUMP STATION  
FIRST FLOOR PLAN

|                 |           |
|-----------------|-----------|
| DATE:           | MAY 2026  |
| HAZEN NO.:      | 90452-000 |
| CONTRACT NO.:   | B436      |
| DRAWING NUMBER: | E-202     |

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PLOT DATE: 7/2/2026 2:09 PM BY: D.PORACKY



- NOTES:
1. CONTRACTOR SHALL FIELD ROUTE CABLE AND CONDUIT AND SUBMIT PROPOSED ROUTING TO ENGINEER FOR REVIEW AND APPROVAL. REFER TO CABLE AND CONDUIT SCHEDULE.
  2. CONTRACTOR SHALL DEMOLISH EXISTING WWPS CONTROL PANELS AND EXISTING LCP-WWP2.
  3. NO CABLE AND CONDUITS ARE SHOWN OR CALLED OUT ON THE PLAN DRAWINGS. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE.
  4. EQUIPMENT TO BE PROVIDED BY PVSC AND INSTALLED UNDER THIS CONTRACT (THIS NOTE IS NOT APPLICABLE TO THIS DRAWING).
  5. EXISTING PANELS WHERE ELECTRICAL CONNECTIONS WILL BE MADE UNDER THIS CONTRACT.

| REV | ISSUED FOR | DATE    | BY |
|-----|------------|---------|----|
| 1   | ADDENDUM 1 | 7/6/26  | GM |
| 0   | BID SET    | 5/18/26 | WG |

|                   |             |
|-------------------|-------------|
| PROJECT ENGINEER: | P. KNOWLES  |
| DESIGNED BY:      | D. PORACKY  |
| DRAWN BY:         | B. WALLISCH |
| CHECKED BY:       | G. MARKOU   |

|                   |
|-------------------|
| FINAL DESIGN      |
| N.J. P.E. LICENSE |
| # 24GE05777400    |
| DATE: 07/07/2026  |

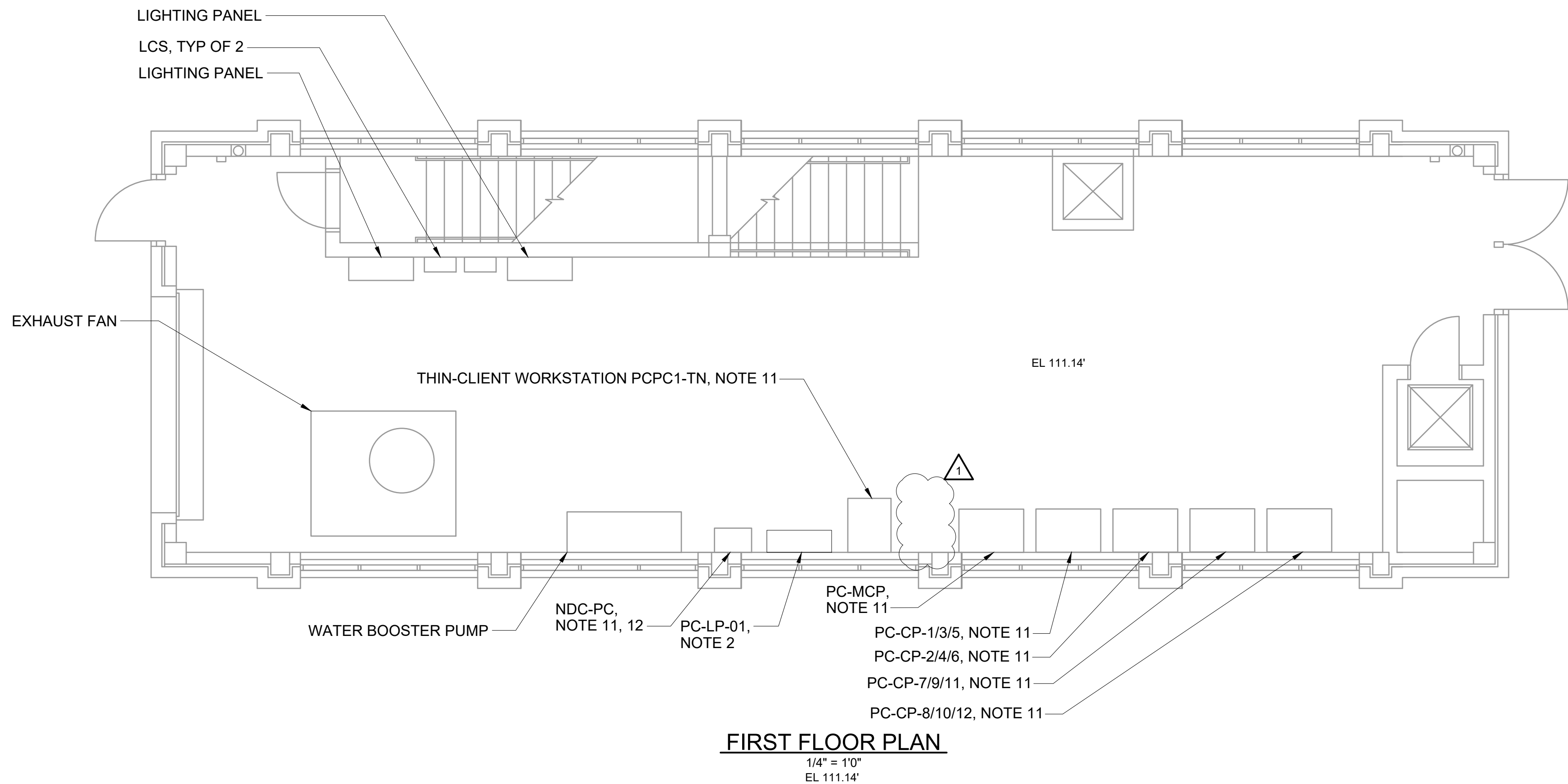
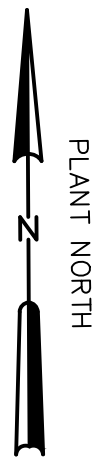
**Hazen**

HAZEN AND SAWYER  
99 WOOD AVE SOUTH, 8TH FL, STE 803  
ISELIN NEW JERSEY 08830

|                                                                                     |
|-------------------------------------------------------------------------------------|
| PASSAIC VALLEY SEWERAGE COMMISSION<br>NEWARK, NEW JERSEY                            |
| CONTRACT B436<br>PLANTWIDE SCADA SYSTEM IMPROVEMENTS<br>- WET TRAIN/LINE OPERATIONS |

|                                                            |
|------------------------------------------------------------|
| ELECTRICAL<br>WET WEATHER PUMP STATION<br>FIRST FLOOR PLAN |
|------------------------------------------------------------|

|                 |           |
|-----------------|-----------|
| DATE:           | MAY 2026  |
| HAZEN NO.:      | 90452-000 |
| CONTRACT NO.:   | B436      |
| DRAWING NUMBER: | E-301     |



- NOTES:
1. CONTRACTOR SHALL FIELD ROUTE CABLE AND CONDUIT AND SUBMIT PROPOSED ROUTING TO ENGINEER FOR REVIEW AND APPROVAL. REFER TO CABLE AND CONDUIT SCHEDULE.
  2. PC-LP-01 SHALL BE CONNECTED TO SPARE BREAKER IN 480V DP-9B VIA XFMR-FC-LP-01 LOCATED IN PRIMARY CLARIFIERS GALLERY.
  3. PC-CP-1/3/5 SHALL BE CONNECTED TO BREAKER #1 IN PC-LP-01.
  4. PC-CP-2/4/6 SHALL BE CONNECTED TO BREAKER #2 IN PC-LP-01.
  5. PC-MCP SHALL BE CONNECTED TO BREAKER #3 IN PC-LP-01.
  6. PC-CP-7/9/11 SHALL BE CONNECTED TO BREAKER #4 IN PC-LP-01.
  7. PC-CP-8/10/12 SHALL BE CONNECTED TO BREAKER #5 IN PC-LP-01.
  8. CONTRACTOR SHALL COORDINATE WITH PVSC AND ENGINEER ON REQUIRED TIMING FOR REMOVAL BY PVSC AND ENGINEER OF STORED MATERIALS FROM PROPOSED AREA OF WORK.
  9. WHERE THE CONTRACTOR PROPOSES TO REUSE EXISTING CONDUIT, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION AND SUBMIT TO THE ENGINEER FOR REVIEW AND APPROVAL.
  10. NO CABLE AND CONDUITS ARE SHOWN OR CALLED OUT ON THE PLAN DRAWINGS. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE.
  11. EQUIPMENT TO BE PROVIDED BY PVSC AND INSTALLED UNDER THIS CONTRACT.
  12. THE EXISTING MAIN FIBER OPTIC CABLE TO BE TESTED AND RETERMINATED IN THE NDC.

|     |            |         |    |
|-----|------------|---------|----|
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|     |            |         |    |
|     |            |         |    |
|     |            |         |    |
|     |            |         |    |
|     |            |         |    |
| 1   | ADDENDUM 1 | 7/6/26  | GM |
| 0   | BID SET    | 5/18/26 | WG |
| REV | ISSUED FOR | DATE    | BY |

|                   |             |
|-------------------|-------------|
| PROJECT ENGINEER: | P. KNOWLES  |
| DESIGNED BY:      | D. PORACKY  |
| DRAWN BY:         | B. WALLISCH |
| CHECKED BY:       | G. MARKOU   |

|                   |
|-------------------|
| FINAL DESIGN      |
| N.J. P.E. LICENSE |
| # 24GE05777400    |
| DATE: 07/07/2026  |

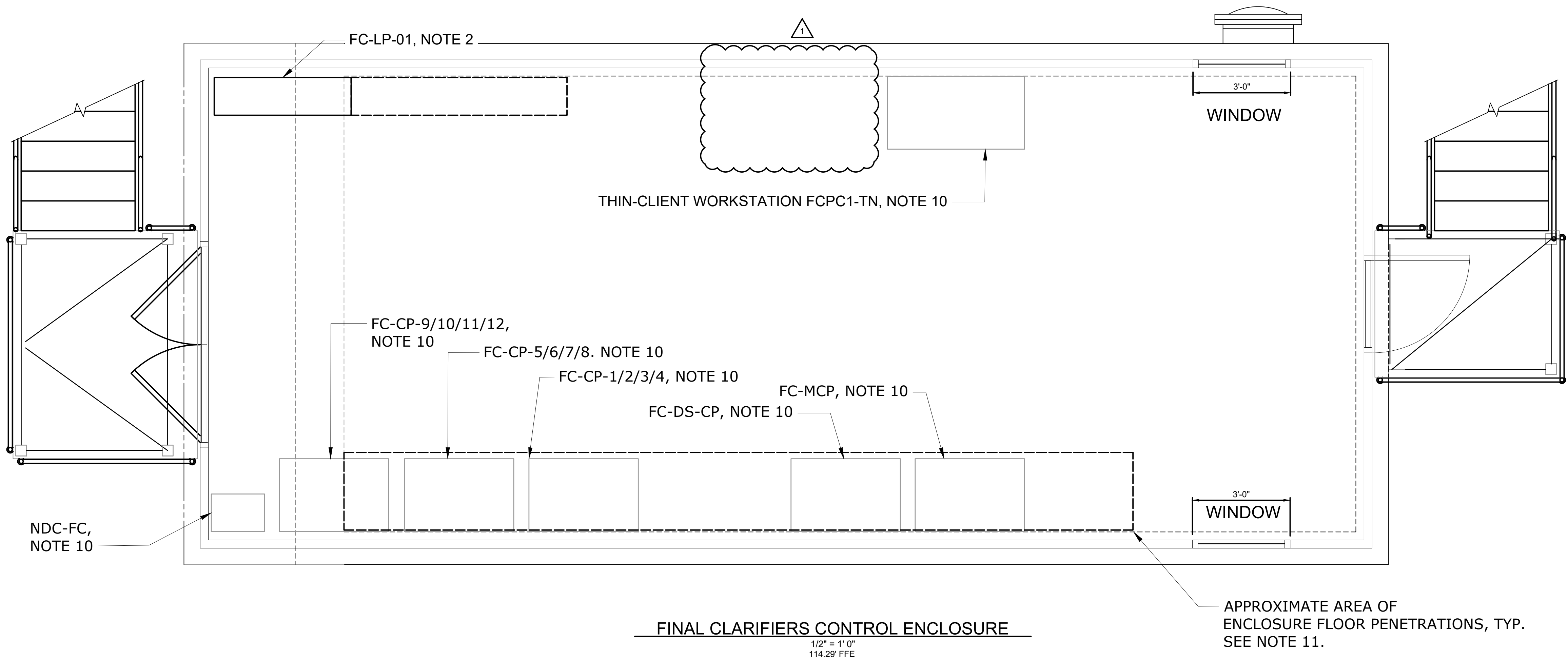
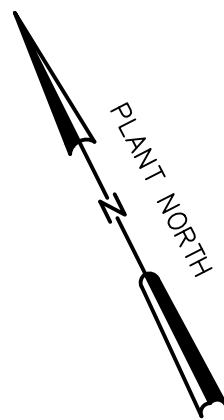
**Hazen**

HAZEN AND SAWYER  
99 WOOD AVE SOUTH, 8TH FL, STE 803  
ISELIN NEW JERSEY 08830

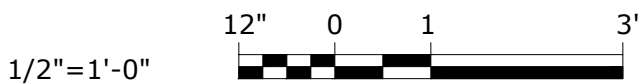
|                                                                                     |
|-------------------------------------------------------------------------------------|
| PASSAIC VALLEY SEWERAGE COMMISSION<br>NEWARK, NEW JERSEY                            |
| CONTRACT B436<br>PLANTWIDE SCADA SYSTEM IMPROVEMENTS<br>- WET TRAIN/LINE OPERATIONS |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| ELECTRICAL<br>PRIMARY CLARIFIERS -<br>DEHUMIDIFICATION BUILDING #7<br>FIRST FLOOR PLAN |
|----------------------------------------------------------------------------------------|

|                 |           |
|-----------------|-----------|
| DATE:           | MAY 2026  |
| HAZEN NO.:      | 90452-000 |
| CONTRACT NO.:   | B436      |
| DRAWING NUMBER: | E-404     |



- NOTES:
1. CONTRACTOR SHALL FIELD ROUTE CABLE AND CONDUIT AND SUBMIT PROPOSED ROUTING TO ENGINEER FOR REVIEW AND APPROVAL. REFER TO CABLE AND CONDUIT SCHEDULE.
  2. FC-LP-01 SHALL BE CONNECTED TO SPARE BREAKER IN 480V DP-9B VIA XFMR-FC-LP-01 LOCATED IN FINAL CLARIFIERS BASEMENT.
  3. FC-CP-1/2/3/4 SHALL BE CONNECTED TO CIRCUIT BREAKER #1 IN FC-LP-01.
  4. FC-CP-5/6/7/8 SHALL BE CONNECTED TO CIRCUIT BREAKER #2 IN FC-LP-01.
  5. FC-MCP SHALL BE CONNECTED TO CIRCUIT BREAKER #3 IN FC-LP-01.
  6. FC-CP-9/10/11/12 SHALL BE CONNECTED TO CIRCUIT BREAKER #4 IN FC-LP-01.
  7. FC-DS-CP SHALL BE CONNECTED TO CIRCUIT BREAKER #5 IN FC-LP-01.
  8. WHERE THE CONTRACTOR PROPOSES TO REUSE EXISTING CONDUIT, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION AND SUBMIT TO THE ENGINEER FOR REVIEW AND APPROVAL.
  9. NO CABLE AND CONDUITS ARE SHOWN OR CALLED OUT ON THE PLAN DRAWINGS. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE.
  10. EQUIPMENT TO BE PROVIDED BY PVSC AND INSTALLED UNDER THIS CONTRACT.
  11. CONTRACTOR SHALL COORDINATE THE NUMBER AND LOCATION OF FLOOR PENETRATIONS WITH THE CONTROL ENCLOSURE MANUFACTURER PRIOR TO SHOP DRAWING SUBMISSION. ANY FIELD MODIFICATIONS MAY REQUIRE RE-CERTIFICATION OF THE ENCLOSURE AT NO ADDITIONAL COST TO THE OWNER.

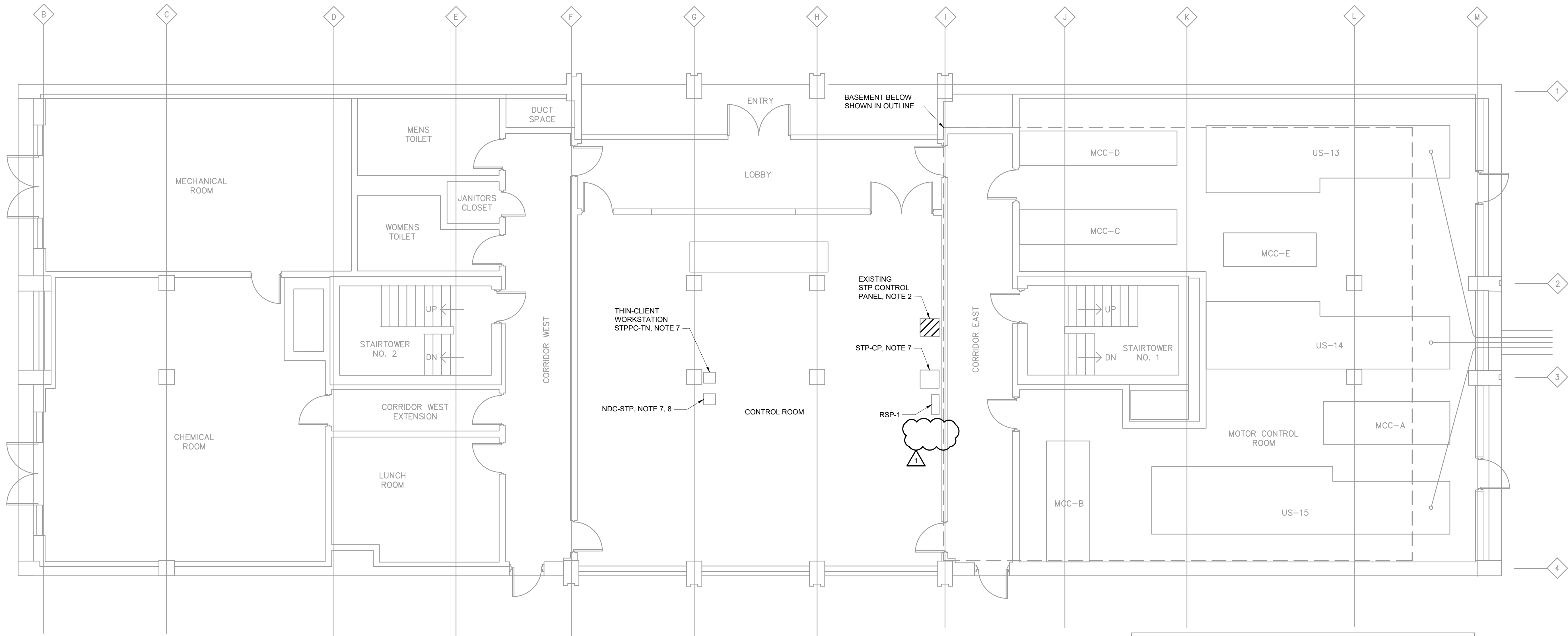


|     |            |         |    |                                                                   |                       |                |                                                                                                                 |                                                          |                                                                                     |                                                     |                 |           |
|-----|------------|---------|----|-------------------------------------------------------------------|-----------------------|----------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------|-----------|
|     |            |         |    | PROJECT ENGINEER:                                                 | P. KNOWLES            | FINAL DESIGN   | <div>Hazen</div> <div>HAZEN AND SAWYER<br/>99 WOOD AVE SOUTH, 8TH FL, STE 803<br/>ISELIN NEW JERSEY 08830</div> | PASSAIC VALLEY SEWERAGE COMMISSION<br>NEWARK, NEW JERSEY | CONTRACT B436<br>PLANTWIDE SCADA SYSTEM IMPROVEMENTS<br>- WET TRAIN/LINE OPERATIONS | ELECTRICAL<br>FINAL CLARIFIERS<br>CONTROL ENCLOSURE | DATE:           | MAY 2026  |
|     |            |         |    | DESIGNED BY:                                                      | D. PORACKY            |                |                                                                                                                 |                                                          |                                                                                     |                                                     | HAZEN NO.:      | 90452-000 |
|     |            |         |    | DRAWN BY:                                                         | B. WALLISCH           |                |                                                                                                                 |                                                          |                                                                                     |                                                     | CONTRACT NO.:   | B436      |
|     |            |         |    | CHECKED BY:                                                       | G. MARKOU             |                |                                                                                                                 |                                                          |                                                                                     |                                                     | DRAWING NUMBER: | E-504     |
| 1   | ADDENDUM 1 | 7/6/26  | GM | IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE | 0 1/2" 1" <div></div> | # 24GE05777400 | DATE: 07/07/2026                                                                                                |                                                          |                                                                                     |                                                     |                 |           |
| 0   | BID SET    | 5/18/26 | WG |                                                                   |                       |                |                                                                                                                 |                                                          |                                                                                     |                                                     |                 |           |
| REV | ISSUED FOR | DATE    | BY |                                                                   |                       |                |                                                                                                                 |                                                          |                                                                                     |                                                     |                 |           |

P:\C\LOCATIONS\HAZEN AND SAWYER\90452-000\_PLANTWIDE SCADA SYSTEM IMPROVEMENTS\PROJECT FILES\01\_DESIGN\GENERAL CONTRACTORS-6M FINAL CLARIFIERS CONTROL ENCLOSURE.dwg PLOT DATE: 7/2/2026 3:09 PM BY: D.PORACKY



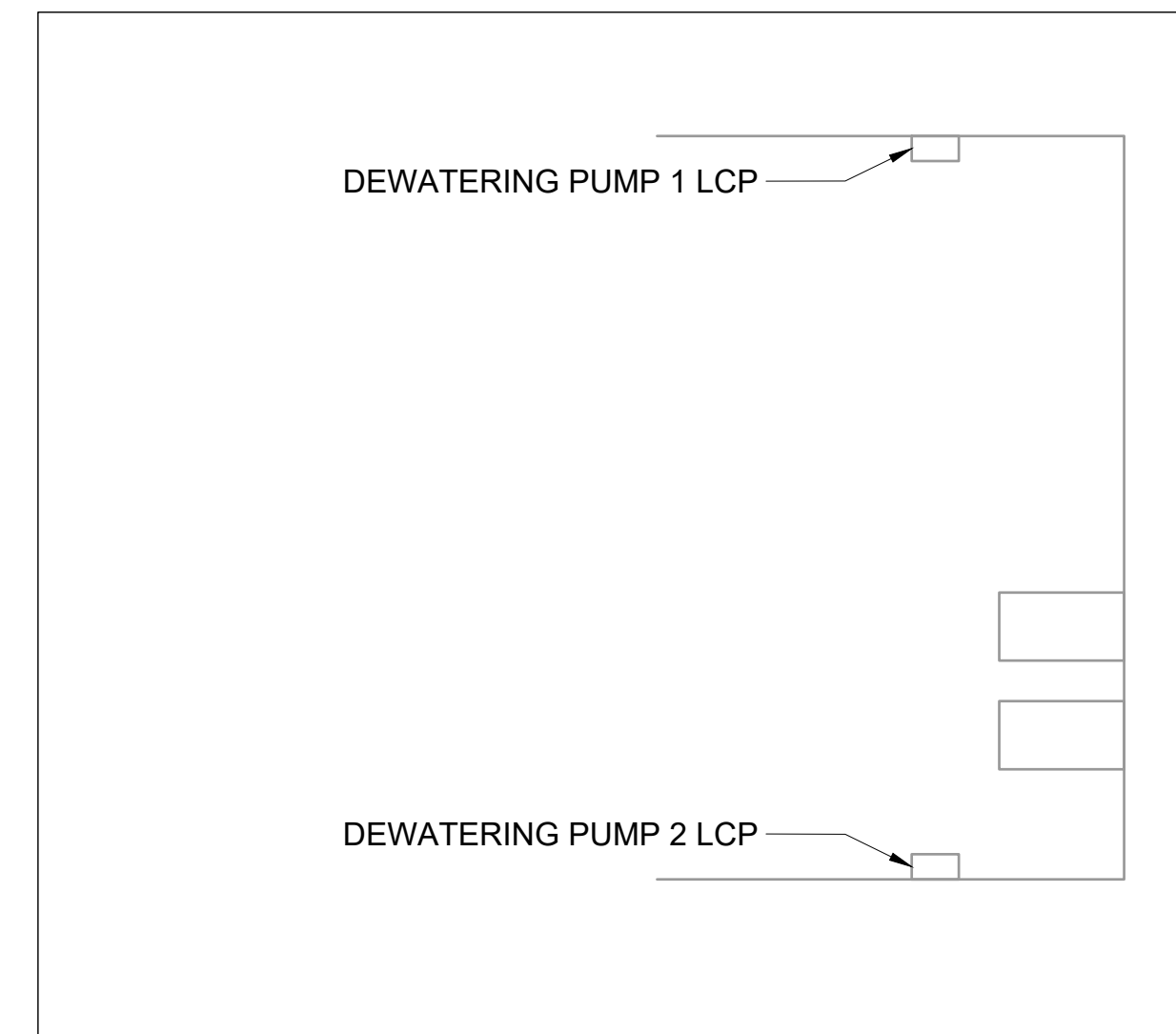
File: C:\LOCALDISK\HAZEN AND SAWYER\W452000\_PLANTWIDE SCADA SYSTEM IMPROVEMENTS\PROJECT FILES\01\_DESIGN\GENERAL CONTRACTORS\01 STP PROCESS CONTROL BUILDING.dwg Saved by: DPORACKY, Save date: 7/2/2026 2:05 PM  
PLOT DATE: 7/2/2026 2:09 PM BY: DPORACKY



**GROUND LEVEL FLOOR PLAN**  
3/16" = 1'0"

**NOTES:**

1. CONTRACTOR SHALL FIELD ROUTE CABLE AND CONDUIT AND SUBMIT PROPOSED ROUTING TO ENGINEER FOR REVIEW AND APPROVAL. REFER TO CABLE AND CONDUIT SCHEDULE.
2. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING STP CONTROL PANEL AND ASSOCIATED CABLE AND CONDUIT.
3. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE FOR THE REQUIRED EXTENTS OF CABLE AND CONDUIT REMOVALS.
4. STP-PC SHALL BE CONNECTED TO SPARE CIRCUIT BREAKER #21 IN RSP-1. CIRCUIT BREAKER #13 SHALL BE MADE SPARE.
5. WHERE THE CONTRACTOR PROPOSES TO REUSE EXISTING CONDUIT, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION AND SUBMIT TO THE ENGINEER FOR REVIEW AND APPROVAL.
6. NO CABLE AND CONDUITS ARE SHOWN OR CALLED OUT ON THE PLAN DRAWINGS. CONTRACTOR SHALL REFER TO CABLE AND CONDUIT SCHEDULE.
7. EQUIPMENT TO BE PROVIDED BY PVSC AND INSTALLED UNDER THIS CONTRACT.
8. THE EXISTING MAIN FIBER OPTIC CABLE TO BE TESTED AND RETERMINATED IN THE NDC.



**BASEMENT PLAN VIEW - DEWATERING PUMPS**  
1/16" = 1'0"

3/16"=1'-0"  
6 4 2 0 5'

| REV | ISSUED FOR | DATE    | BY |
|-----|------------|---------|----|
| 1   | ADDENDUM 1 | 7/6/26  | GM |
| 0   | BID SET    | 5/18/26 | WG |

|                   |             |
|-------------------|-------------|
| PROJECT ENGINEER: | P. KNOWLES  |
| DESIGNED BY:      | D. PORACKY  |
| DRAWN BY:         | B. WALLISCH |
| CHECKED BY:       | G. MARKOU   |

|                   |
|-------------------|
| FINAL DESIGN      |
| N.J. P.E. LICENSE |
| # 24GE05777400    |
| DATE: 07/07/2026  |

**Hazen**  
HAZEN AND SAWYER  
99 WOOD AVE SOUTH, 8TH FL, STE 803  
ISELIN NEW JERSEY 08830

PASSAIC VALLEY SEWERAGE COMMISSION  
NEWARK, NEW JERSEY

CONTRACT B436  
PLANTWIDE SCADA SYSTEM IMPROVEMENTS  
- WET TRAIN/LINE OPERATIONS

ELECTRICAL  
SUPERNATANT TREATMENT PLANT  
PROCESS CONTROL BUILDING  
PLAN

|                 |           |
|-----------------|-----------|
| DATE:           | MAY 2026  |
| HAZEN NO.:      | 90452-000 |
| CONTRACT NO.:   | B436      |
| DRAWING NUMBER: | E-801     |



## PVSC Contract B436 Prebid Meeting

June 29, 2026

PVSC Plantwide SCADA System Improvements Program – Wet Train/Line Operations

# Meeting Agenda

## 1. Welcome, Introductions, and Safety Moment

## 2. Project Overview

- **Specification Section 01 11 00 – Summary of Work**
- **Specification Section 00 52 13 – Milestones**

## 3. Bid Submission Requirements

- **Specification Section 00 21 14 – Checklist for Bidders**
- **Last Day for Questions: July 21<sup>st</sup>, 2026 @10:00 AM**
  - *We will not be answering questions during the meeting. All questions shall be submitted in writing to the Engineer stated in the Advertisement to Bid*
- **Bid Proposals Due on August 4<sup>th</sup>, 2026 @10:00 AM**

## 4. Questions

## 5. Site Walkthrough

- **Order of Walkthrough**
  1. *Final Clarifiers*
  2. *Effluent Pump Station*
  3. *Primary Clarifiers*
  4. *Influent Pump Station*
  5. *Head End/Wet Weather Pump Station*

# Welcome and Introductions

- Introductions
- Project consists of SCADA System upgrades in Wet Train and Line Operation facilities. Contract B436 includes:
  - Provide and install electrical cable and conduit
  - Provide and install control and power panels
  - Provide and install final clarifier control enclosure
  - Install control panels provided by others
- Contractor will work alongside PVSC's System Integrator (panel fabricators and programmers)
- Walkthrough to follow

# Safety Moment

## Walking through Tunnels On-Site

- Lighting and visibility concerns
  - Potential for unseen debris or uneven surfaces
- Noise exposure
  - Heightened in enclosed spaces
- Be aware of your surroundings
  - Limited escape routes in case of emergency
- Keep an eye on everyone around you
- Best practices:
  - Walk slowly watching your footing
  - Always wear all required PPE
  - Maintain a clear path of any cables or other equipment
  - Stay situationally aware



# Project Overview

## Process Locations

### Cable, Wiring, and Conduit

- Grit and Screening Building
- Influent Pump Station
- Wet Weather Pump Station
- Primary Clarifiers
- Final Clarifiers
- RAS/WAS Pump Station
- Effluent Pump Station and Sodium Hypochlorite Facility
- Operations, Engineering, and Maintenance Building
- Supernatant Treatment Plant
- Yantacaw Pump Station

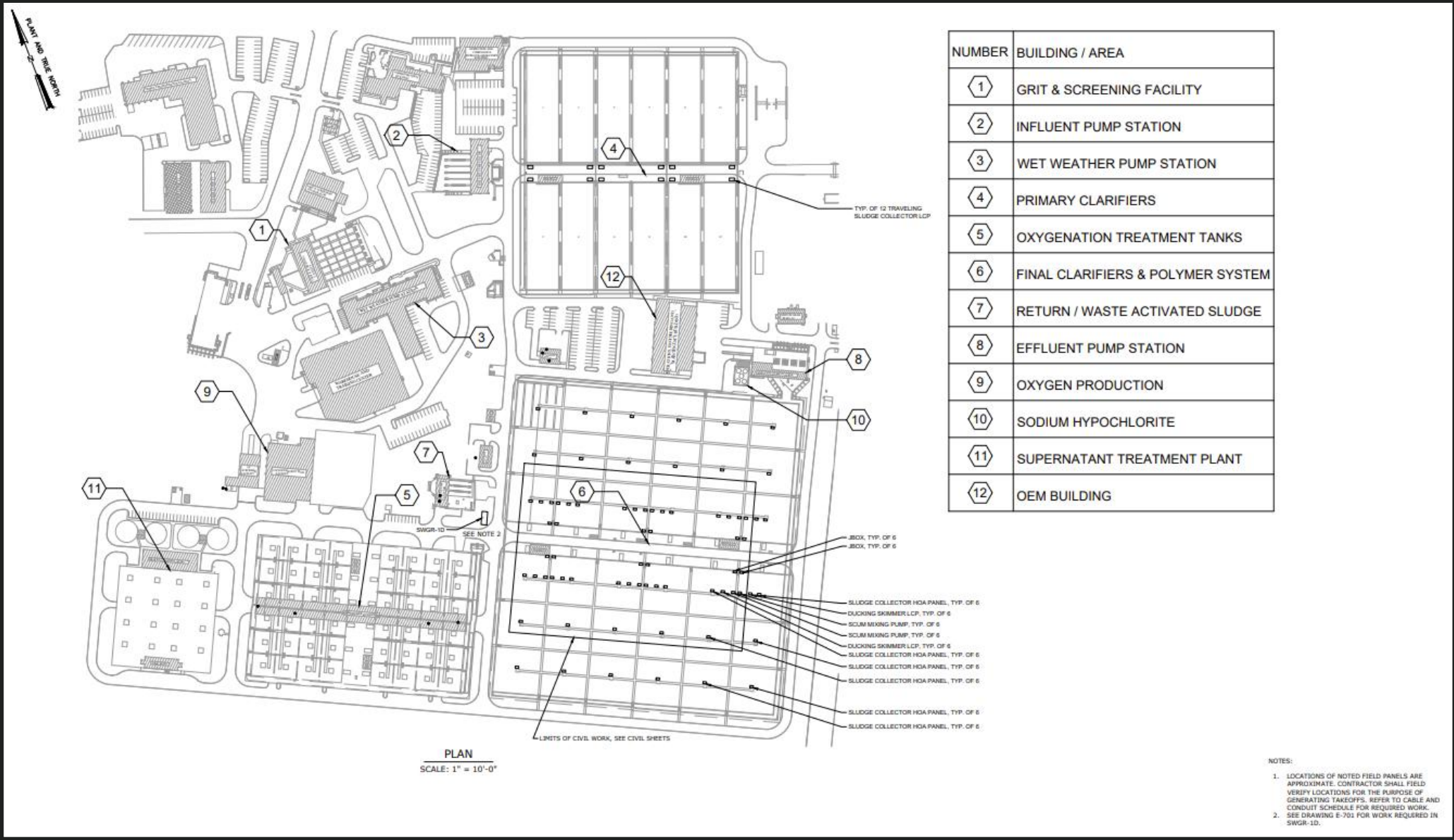
### Final Clarifiers Control Enclosure

- G-004, E-504, and E-505
- Refer to electrical drawings and cable and conduit schedule as needed

# Project Overview

- Timing is of the essence for this contract
- Maintenance of Plant Operations (MOPO) is critical
- Coordination will be needed with other ongoing projects at PVSC
- Coordination will be needed with the System Integrator. This contract is in construction now.
- The successful Contractor must have the human and financial resources required to deliver the early-stage milestones of the project
- The ability of the Systems Integrator to perform its work according to its contract requirements depends on the above

# Project Overview



# Project Overview

## Specification Section 00 11 13 – Summary of Work

- Individual Process Areas
  - Installation of Wire and Conduit
  - Complete Removal and Proper Disposal of Electrical Materials and Equipment
  - Furnish All Electrical Work as Specified in the Contract Drawings
  - Process Areas Split into Two Paths: Path A and Path B Based on the System Integrator's Cutover Plan
    - *Path A: Areas with More Complex Cutover Plan*
    - *Path B: Areas with Simpler Cutover Plan*
  - Systems Integrator limited to Performing Work on a Maximum of One Process Area on each Path at one Time
  - Contractor can Perform Work in Multiple Process Areas at One Time, but Shall Meet the Milestones and Cannot Cause Disruption to Plant Operations as Described in Specification Section 01 73 01 – Maintenance of Plant Operations
- Final Clarifiers Control Enclosure
  - Furnish and Install a Fully Functioning Control Enclosure as Specified in the Contract Drawings

# Project Overview

Specification Section 00 52 13 – Contract Agreement

Anticipated Contract Award Date: 9/17/2026

|                        | Project Milestone                                                              | Date               |
|------------------------|--------------------------------------------------------------------------------|--------------------|
| <b>Path A-Critical</b> |                                                                                |                    |
| 1                      | Substantial Completion of Primary Clarifiers                                   | December 18, 2026  |
| 2                      | Substantial Completion of RAS/WAS Pump Station                                 | March 12, 2027     |
| 3                      | Substantial Completion of Final Clarifiers and Polymer System                  | June 7, 2027       |
| <b>Path B</b>          |                                                                                |                    |
| 4                      | Substantial Completion of Effluent Pump Station – Sodium Hypochlorite Facility | April 12, 2027     |
| 5                      | Substantial Completion of Effluent Pump Station                                | July 7, 2027       |
| 6                      | Substantial Completion of Influent Pumping Station                             | September 3, 2027  |
| 7                      | Substantial Completion of Yantacaw Pump Station                                | September 17, 2027 |
| 8                      | Substantial Completion of Grit and Screening Building                          | October 8, 2027    |
| 9                      | Substantial Completion of OEM Building                                         | October 25, 2027   |
| 10                     | Substantial Completion of Supernatant Treatment Plant                          | November 19, 2027  |
| 11                     | Substantial Completion of Wet Weather Pumping Station                          | December 10, 2027  |
| 12                     | Substantial Completion of Oxygen Production Facility – Collection System       | January 7, 2028    |
| 13                     | Overall Substantial Completion                                                 | March 17, 2028     |
| 14                     | Overall Final Completion                                                       | May 17, 2028       |

# Bid Submission Requirements

- Bid Proposals are due by August 4<sup>th</sup>, 10:00 am
- Can be mailed or delivered in person to:

**PVSC Purchasing Department, Public Meeting Room of the Administration Building,  
600 Wilson Avenue,  
Newark, New Jersey 07105**

- Name and address of Applicant, Contract Number, Contract Name and Bid Opening Date (August 4th) must be plainly marked outside sealed envelope

# Checklist for Bidders

## Specification Section 00 21 14

- Lists all items that need to be submitted with the bid
  - Failure to submit certain items is a mandatory cause for the bid to be rejected
  - Failure to submit certain items may cause the bid to be rejected

### SECTION 00 21 14

#### CHECK LIST FOR BIDDERS

- A. Failure to submit a signed "CHECK LIST FOR BIDDERS" as well as items 1, 2, 3, 4, 7, 9, and 13 below is a mandatory cause for the bid to be rejected.
- B. Failure to submit items 5, 6, 11, 12, and 15 below may be cause for the Bid to be rejected.
- C. Items 14 and 20 must be submitted prior to contract award pursuant to N.J.S.A. 52:32-44 and N.J.S.A. 52:32-58, respectively.
- D. All items not specifically referenced above are highly encouraged to be submitted with the bid, but must be submitted prior to contract award.

| Item | Description of Item                                                                       | Contract Section       | Initial if Completed |
|------|-------------------------------------------------------------------------------------------|------------------------|----------------------|
| 1    | Bid Form                                                                                  | 00 41 00               | _____                |
| 2    | Bid Bond or Certified Check<br>(Bid Guarantee Required by<br>N.J.S.A. 40A:11-21)          | 00 43 16               | _____                |
| 3    | Consent of Surety (N.J.S.A. 40A:11-22)                                                    | 00 62 76               | _____                |
| 4    | Surety Disclosure Statement & Certification                                               | 00 62 77               | _____                |
| 5    | Bidder's Affidavit                                                                        | 00 45 14               | _____                |
| 6    | Non-Collusion Affidavit                                                                   | 00 45 19               | _____                |
| 7    | Statement of Ownership<br>(N.J.S.A. 52:25-24.2)                                           | 00 45 01               | _____                |
| 8    | Affirmative Action Affidavit                                                              | 00 45 30               | _____                |
| 9    | Acknowledgment of Receipt of<br>Changes to Bid Documents                                  | 00 27 00               | _____                |
| 10   | Certification of Non-Segregated Facilities                                                | 00 45 33               | _____                |
| 11   | Certification of Bidder's Status                                                          | 00 45 47               | _____                |
| 12   | Bidder's Qualification Form                                                               | 00 45 13               | _____                |
| 13   | Subcontractor Listing (N.J.S.A. 40A: 11-16)                                               | 00 43 36               | _____                |
| 14   | Business Registration Certificate<br>(N.J.S.A. 52:32-44)                                  | (00 21 13, para.1.30)  | _____                |
| 15   | Executive Order 117 Certification                                                         | (00 21 13, para. 1.27) | _____                |
| 16   | Public Works Contractor Registration<br>(Must be registered at the time the bid is made.) | 00 45 48               | _____                |
| 17   | Certificate of Equal Opportunity                                                          | 00 45 49               | _____                |
| 18   | Certification of Affirmative Action Plan<br>Contractors and Subcontractors                | 00 45 50               | _____                |
| 19   | American Iron and Steel Certification                                                     | 00 45 51               | _____                |

# Bid Form

Specification Section 00 41 00

| ITEM | QUANTITY | LUMP SUM OR UNIT PRICE WRITTEN IN WORDS                                                               | BID PRICE WRITTEN IN FIGURES |       |
|------|----------|-------------------------------------------------------------------------------------------------------|------------------------------|-------|
|      |          |                                                                                                       | Dollars                      | Cents |
| 1    | LUMP SUM | GENERAL CONDITIONS<br><br>Lump Sum (Must be written in words)<br><br>FOR _____ Dollars Cents          |                              |       |
| 2    | LUMP SUM | GRIT AND SCREENING BUILDING<br><br>Lump Sum (Must be written in words)<br><br>FOR _____ Dollars Cents |                              |       |
| 3    | LUMP SUM | INFLUENT PUMPING STATION<br><br>Lump Sum (Must be written in words)<br><br>FOR _____ Dollars Cents    |                              |       |
| 4    | LUMP SUM | WET WEATHER PUMPING STATION<br><br>Lump Sum (Must be written in words)<br><br>FOR _____ Dollars Cents |                              |       |
| 5    | LUMP SUM | PRIMARY CLARIFIERS<br><br>Lump Sum (Must be written in words)<br><br>FOR _____ Dollars Cents          |                              |       |

# Bid Form

## Specification Section 00 41 00

| ITEM | QUANTITY | LUMP SUM OR UNIT PRICE WRITTEN IN WORDS                                                                                | BID PRICE WRITTEN IN FIGURES |       |
|------|----------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------|
|      |          |                                                                                                                        | Dollars                      | Cents |
| 6    | LUMP SUM | FINAL CLARIFIERS AND POLYMER SYSTEM<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents               |                              |       |
| 7    | LUMP SUM | RAS/WAS PUMP STATION<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents                              |                              |       |
| 8    | LUMP SUM | EFFLUENT PUMP STATION AND SODIUM HYPOCHLORITE<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents     |                              |       |
| 9    | LUMP SUM | OEM BUILDING<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents                                      |                              |       |
| 10   | LUMP SUM | SUPERNATANT TREATMENT PLANT<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents                       |                              |       |
| 11   | LUMP SUM | YANTACAW PUMP STATION<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents                             |                              |       |
| 12   | LUMP SUM | ENVIRONMENTAL PROTECTION AND RESTORATION MEASURES<br>Lump Sum (Must be written in words)<br>FOR _____<br>Dollars Cents |                              |       |

# Bid Form

## Specification Section 00 41 00

| ITEM | QUANTITY  | LUMP SUM OR UNIT PRICE WRITTEN IN WORDS                                                                                                                                  | BID PRICE WRITTEN IN FIGURES |       |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------|
|      |           |                                                                                                                                                                          | Dollars                      | Cents |
| 13   | ALLOWANCE | ALLOWANCE FOR ASPHALT CEMENT AND FUEL PRICE ADJUSTMENTS<br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents                                            | \$10,000                     | 00    |
| 14   | ALLOWANCE | ALLOWANCE FOR TEST PITS<br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents                                                                            | \$10,000                     | 00    |
| 15   | ALLOWANCE | ALLOWANCE FOR COORDINATION WITH CONTRACT B053 – SUBSTATION M RECONSTRUCTION<br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents                        | \$100,000                    | 00    |
| 16   | ALLOWANCE | ALLOWANCE FOR COORDINATION WITH CONTRACT B259 – ALTERNATIVE WET WEATHER TREATMENT PROTOCOL PROJECT<br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents | \$100,000                    | 00    |
| 17   | ALLOWANCE | ALLOWANCE FOR ELECTRICAL WORK NOT SPECIFIED IN THE CONTRACT DOCUMENTS<br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents                              | \$500,000                    | 00    |

# Bid Form

Specification Section 00 41 00

| ITEM | QUANTITY  | LUMP SUM OR UNIT PRICE WRITTEN IN WORDS                                                                                          | BID PRICE WRITTEN IN FIGURES |       |
|------|-----------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------|
|      |           |                                                                                                                                  | Dollars                      | Cents |
| 18   | ALLOWANCE | ALLOWANCE FOR UNFORESEEN OWNER REQUESTED MODIFICATIONS<br><br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents | \$500,000                    | 00    |
| 19   | ALLOWANCE | ALLOWANCE FOR REMOVAL OF HAZARDOUS MATERIALS<br><br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents           | \$15,000                     | 00    |
| 20   | ALLOWANCE | ALLOWANCE FOR COLLECTION SYSTEM (GATES) RADIO<br><br>Allowance (Must be written in words)<br>FOR _____<br>Dollars Cents          | \$50,000                     | 00    |

TOTAL BID PRICE (Sum of Item No. 1 through No. 20) (in Figures) \$ \_\_\_\_\_

Amount Written:

\_\_\_\_\_ Dollars and \_\_\_\_\_ Cents

The “Allowance Items” are intended to provide for work that may later be determined to be necessary for the completion of the project but is not covered in the bid specifications. Written authorization by the Owner for utilization of any part of the allowances for any such work shall be required.

# Bid Document Structure

- Electrical plans for each Process Area, indicating locations of existing field equipment and instrumentation, to be connected to proposed panels provided by others and by this contract
- Cable and conduit schedule provides list of point-to-point wiring requirements
- Bidders will use bid documents and assessments performed during this site visit as a basis of developing its bid. No takeoff will be provided
- Bidders may use means and methods as allowed by the bid documents to deliver the project requirements

# Questions?

- Kindly submit all questions in writing to the Engineer named in the Advertisement to Bid

**Rachel Chin, P.E.**

Hazen and Sawyer

99 South Wood Avenue, Suite 803

Iselin, NJ 08830

[rchin@hazenandsawyer.com](mailto:rchin@hazenandsawyer.com)



**Hazen**

# Site Walkthrough