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**Northwestern Water & Sewer District  
Ford Road Pump Station Improvements – SS-400D**

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**ADDENDUM 1**

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August 4, 2021

Planholders of the Northwestern Water & Sewer District, Ford Road Pump Station Improvements, SS-400D are hereby notified of the following amendments to the Contract Documents. This Addendum is hereby made a part of the Contract Documents.

**REFERENCE NOTES**

Bidders are reminded to review the required documentation to be submitted with the bid summarized in the Instructions to Bidders and included in Exhibits 2 and 3.

**DRAWINGS**

***Sheet C-1.1, Yard Piping Plan***

The utility metering cabinet should be located on the rear of the building as shown on the building plan sheets.

***Sheet C-1.4, Storm Water Pollution Prevention Plan***

Replace sheet with sheet attached to Addendum 1.

***Sheet PE-0.2***

*Replace Sluice Gate Detail with Attached Detail*

***Sheet E-1.4, Control Building, Electrical Grounding Plan***

Provide a grounding wire connection to the Transformer's ground bar.

***Sheet E-0.2, General Electrical Schedules and Details***

Replace the panel schedule for LP-1 with the attached. The wire sizes were omitted from the original version.

***Sheet ST-1.1, Cross Sections***

Replace sheet with sheet attached to Addendum 1.



**Northwestern Water & Sewer District  
Ford Road Pump Station Improvements  
SS-400D  
Addendum 1**

Page 2

***Sheet EC-0.1, Environmental Conditions and General Notes***

Revise Item 32 to read:

*“Silt from Construction Operations shall not be permitted to enter the storm sewer system. When construction occurs near storm sewer inlets, erosion control measures such as inlet filters shall be used to prevent silt from entering storms sewers. If dewatering is necessary, flows should be filtered before entering storm drains or streams.”*

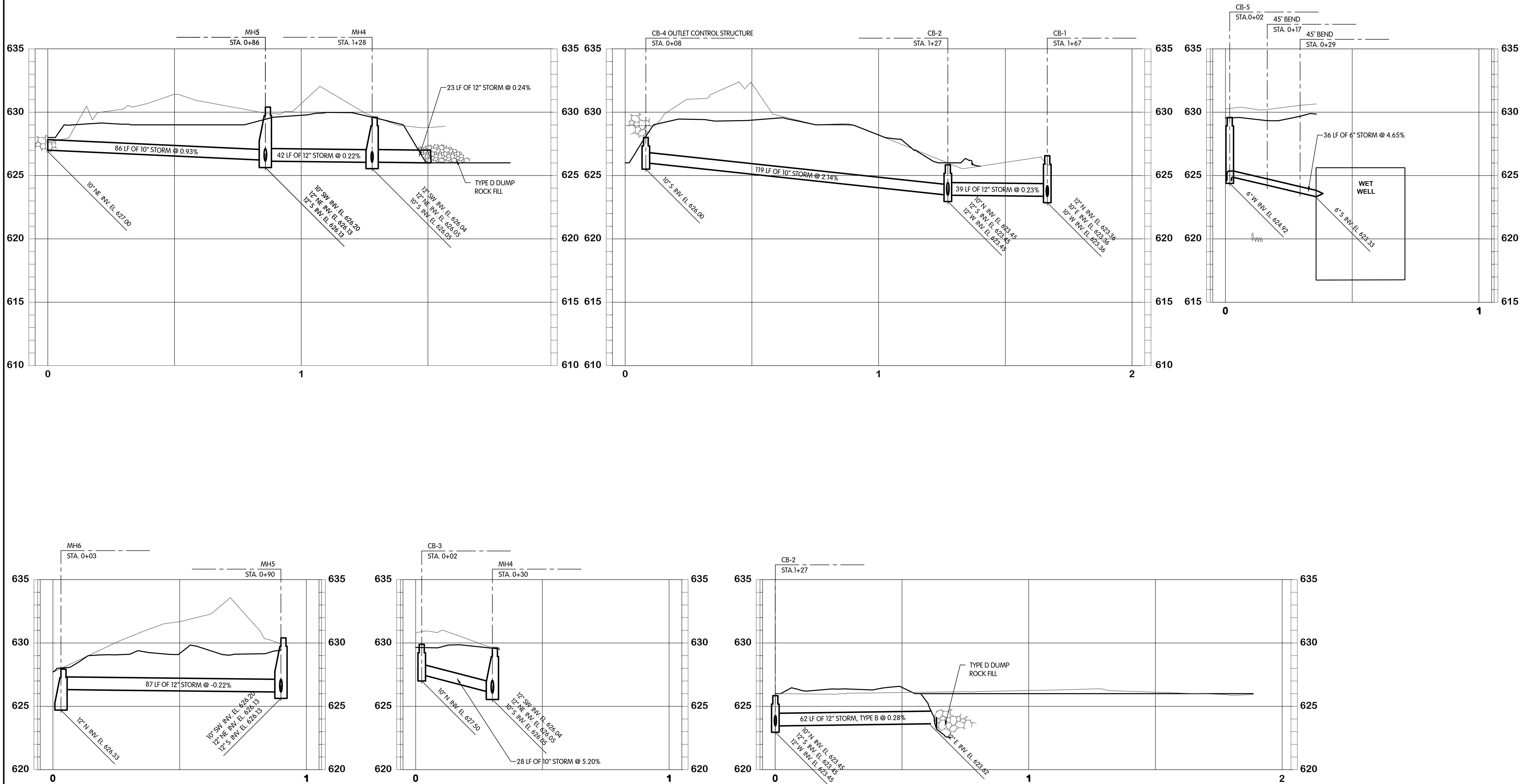
Attachments: Drawing Sheets C-1.4, ST-1.1  
Sluice Gate Detail  
Panel Schedule for LP-1

**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON PAGE C-410 - 1 OF THE BID.**





TOL-755202ST11-STORM PROFILES I  
8/17/2021 8:31 AM - CLENDER  
8/17/2021 8:36 AM



NOTE:  
1. SEE SANITARY SEWER DETAIL SHEETS FOR STORM SEWER DETAILS.



STORM  
PROFILES  
NORTHWESTERN WATER AND SEWER DISTRICT, OHIO  
FORD ROAD PUMP STATION IMPROVEMENTS (SS-400D)

TAB BY  
1 8/17/21 SHEET REISSUED PER ADDENDUM 1  
2 8/17/21 DATE  
3 REVISIONS AFTER ISSUED FOR BID  
4 NO.

Jones & Henry  
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JOB NO. 796-7552.002

SCALE 1"=20' HOR.  
1"=4' VERT.

THIS LINE SCALES IF WHEN  
PLOTTED TO NOTED SCALE

DESIGNED DRAWN CHECKED  
TAB CAL TAB

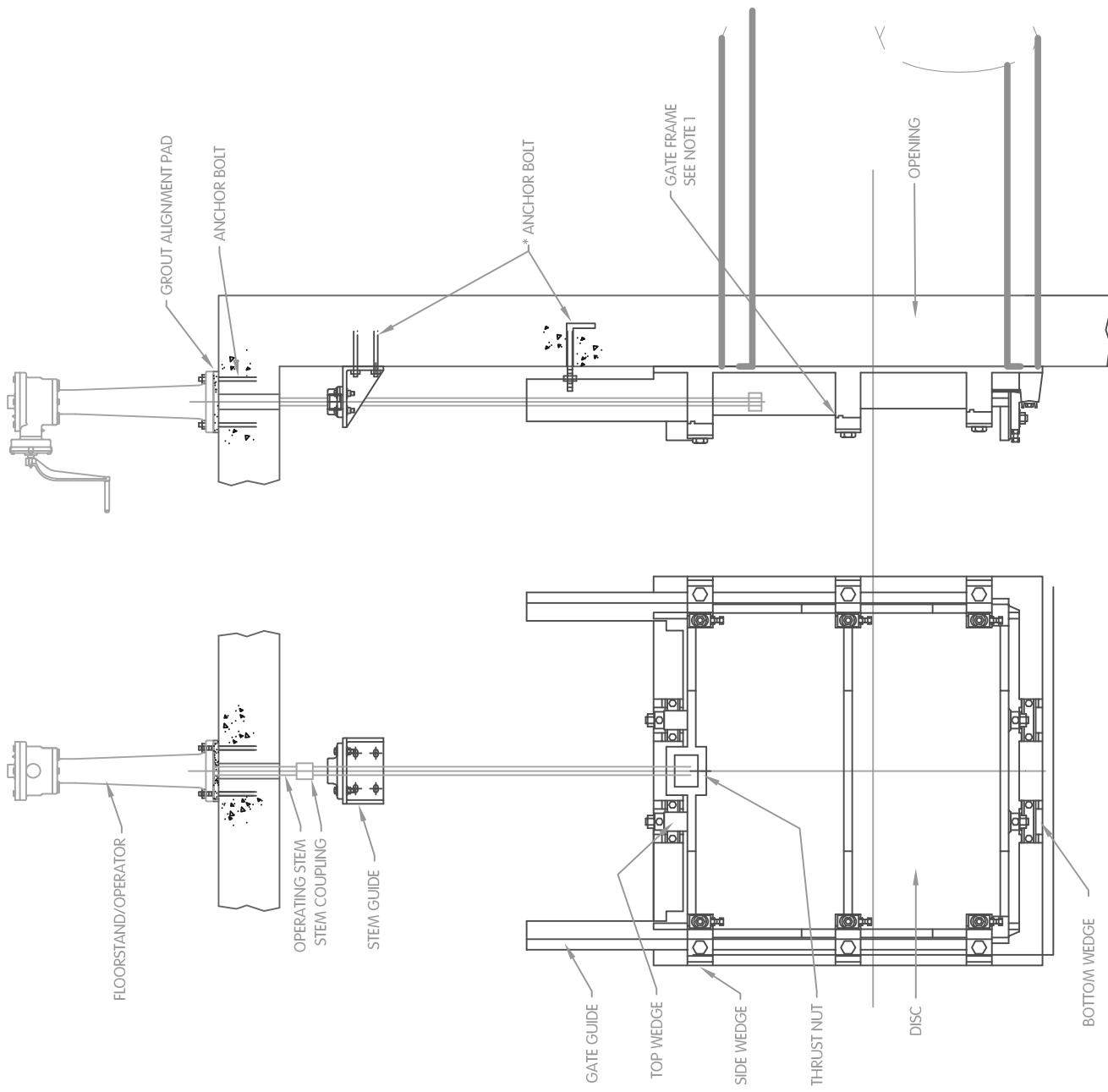
STATUS ISSUED FOR BID

DATE JULY 2021

SHEET NO.

ST-1.1

52 OF 63



NOTES:  
 1. GATE GUIDE AND FRAME SHALL BE SURFACE MOUNT.

## Branch Panel: LP-1

Location: CONTROL ROOM 3  
Supply From:  
Mounting: SURFACE  
Enclosure: NEMA 12

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.L.C. Rating:  
Mains Type:  
Mains Rating: 100 A  
MCB Rating: 600 A

### Notes:

CKT	Circuit Description	AWG	Trip	Poles	A	B	C	A	B	C	Poles	Trip	AWG	Circuit Description	CKT
1	CHEMICAL DOSING PUMP	12	20 A	1	4 VA			540 VA			1	20 A	12	HAND DRYER	2
3	(4) EMERGENCY LIGHTS - CONTROL ROOM	12	20 A	1		16 VA			229 VA		1	20 A	12	(5) SECURITY LIGHTS - EXTERIOR	4
5	(2) FLOOD LIGHTS - EXTERIOR WET WELL	12	20 A	1			228 VA			270 VA	1	20 A	12	(1) AREA LIGHT & (1) RECEPTACLE - GENER...	6
7	Space	--	--	1	--			--			1	--	--	Space	8
9	(6) LED LIGHTS - CONTROL ROOM	12	20 A	1		235 VA			239 VA		1	20 A	12	(1) LIGHT (1) FAN (1) RECEPTACLE - RESTROOM	10
11							2250 VA			--	1	--	--	Space	12
13	WATER HEATER	10	30 A	2	2250 VA			--			1	--	--	Space	14
15	(6) LED LIGHTS - CONTROL ROOM	12	20 A	1		239 VA			400 VA		1	20 A	12	(2) EXTERIOR WP GFI - WEST WALL	16
17	Space	--	--	1			--			--	1	--	--	Space	18
19	Space	--	--	1	--			--			1	--	--	Space	20
21	(3) GFI - EAST & SOUTH	12	20 A	1		600 VA			800 VA		1	20 A	12	(4) GFI - WEST & SOUTH	22
23							492 VA			545 VA					24
25	CU-1	8	50 A	3	492 VA			545 VA			3	20 A	12	ROLL-UP GARAGE DOORS	26
27						492 VA			545 VA						28
29							1644 VA			9607 VA					30
31	HOIST DISCONNECT SWITCH	10	30 A	3	1644 VA			9607 VA			3	80 A	4	FC-1	32
33						1644 VA			9607 VA						34
35	Space	--	--	1			--			--	1	--	--	Space	36
37	Space	--	--	1	--			--			1	--	--	Space	38
39	Space	--	--	1		--			--		1	--	--	Space	40
41	Space	--	--	1			--			--	1	--	--	Space	42
<b>Total Load:</b>					15082 VA			15046 VA		15036 VA					
<b>Total Amps:</b>					126 A			125 A		125 A					

### Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	4 VA	125.00%	5 VA	
Other	1294 VA	100.00%	1294 VA	<b>Total Conn. Load:</b> 45164 VA
Receptacle	2200 VA	100.00%	2200 VA	<b>Total Est. Demand:</b> 45165 VA
				<b>Total Conn.:</b> 125 A
				<b>Total Est. Demand:</b> 125 A

### Notes:

NORTHWESTERN WATER AND SEWER DISTRICT  
FORD ROAD PUMP STATION IMPROVEMENTS  
SS-400D

## PANELBOARD SCHEDULE REISSUED PER ADDENDUM1

8/3/21 BY TAB



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