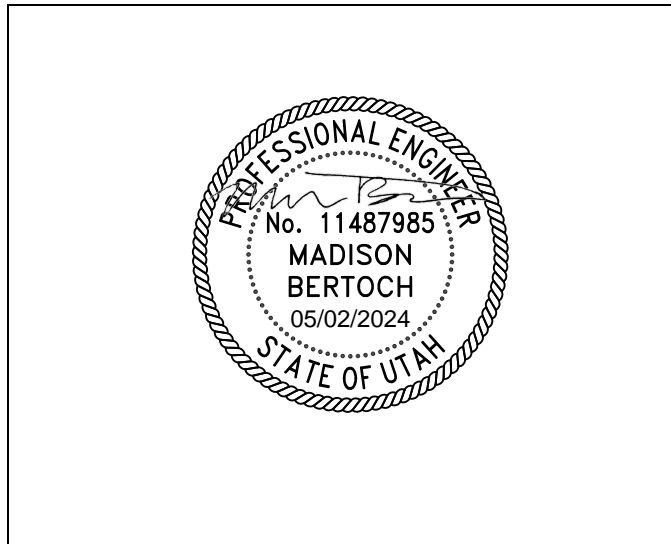


Magna Water District

Magna Water Reclamation Facility Influent Project

Project No 181301587

Addendum 3 – May 2, 2024



Stantec
2890 East Cottonwood Parkway Suite 300
Salt Lake City, Utah 84121

ADDENDUM 3:**Magna WRF Influent Project****Date:**

May 2, 2024

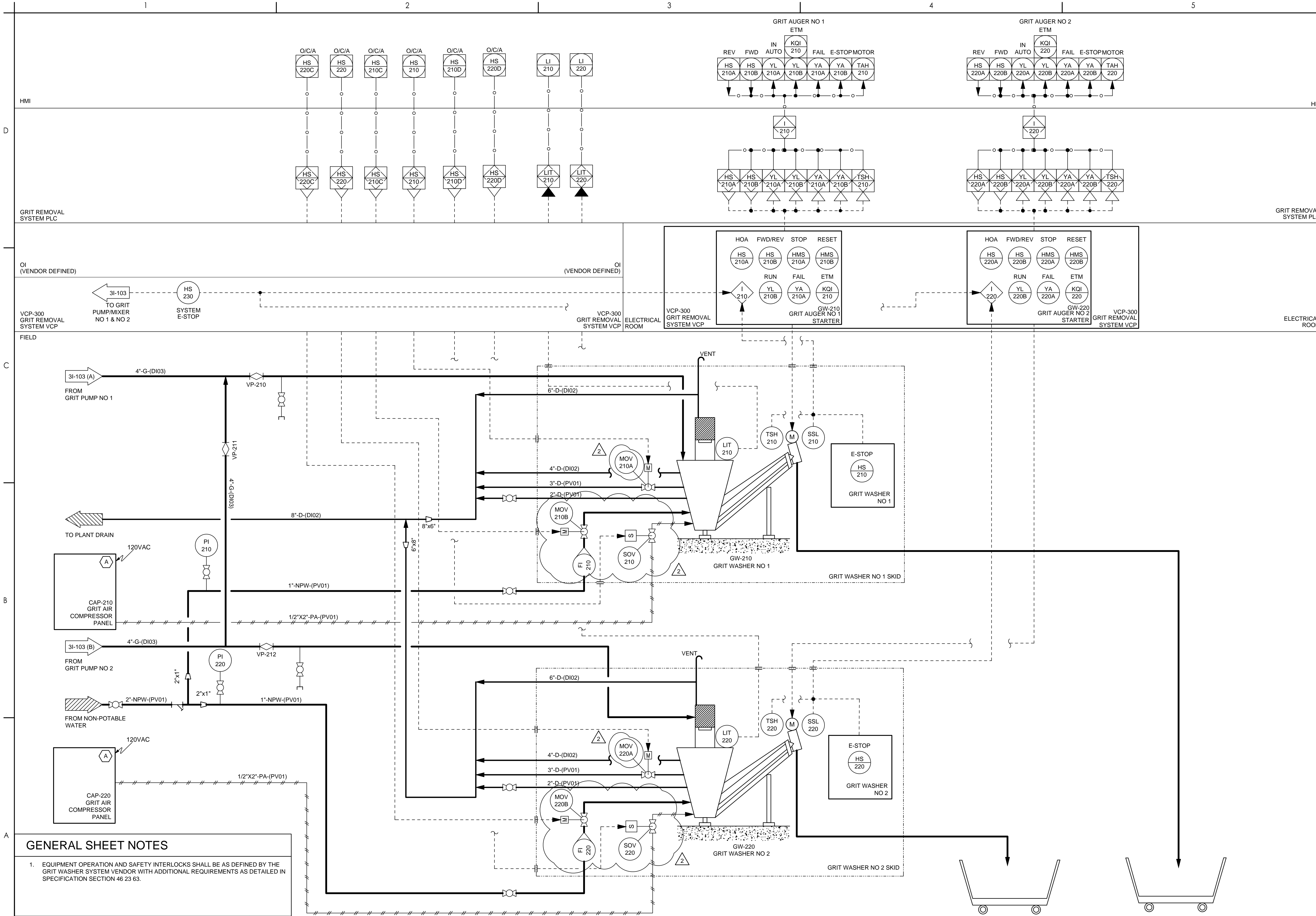
The following changes are made to the Magna Water Reclamation Facility Influent Project Contract Documents. Please reference any associated changes or clarifications to the Contract Documents as noted below.

DRAWINGS**1. 2I-101, 2D-301, 2D-302, 2E-101, 2E-604**

- a. Modify drawings as shown to revise solenoid gate valves (SOV-210C, SOV-220C) on NPW line to each grit washer to electric actuated ball valves (MOV-210B, MOV-220B). Note these valves will be provided by Smith & Loveless as part of the pre-selected grit washing equipment package. Revise solenoid gate valves (SOV-210D, SOV-220D) on PA line to each grit washer to solenoid ball valves (SOV-210, SOV-220). Note these valves will be provided by Smith & Loveless as part of the pre-selected grit washing equipment package. Revise tags for electrical actuated ball valves on 3-inch drain lines from MOV-210 and MOV-220 to MOV-210A and MOV-220A. Note these valves will be provided by Smith & Loveless as part of the pre-selected grit washing equipment package.

2. 3I-103, 3E-104, 3E-604

- a. Modify drawing as shown to add priming switches (YS-310 and YS-320) to new grit pumps. These switches will be provided by Smith & Loveless as part of the pre-selected grit washing equipment package.



GENERAL SHEET NOTES

1. EQUIPMENT OPERATION AND SAFETY INTERLOCKS SHALL BE AS DEFINED BY THE GRIT WASHER SYSTEM VENDOR WITH ADDITIONAL REQUIREMENTS AS DETAILED IN SPECIFICATION SECTION 46 23 63.

SHEET KEYNOTES

A. PROVIDED BY VENDOR AND INSTALLED BY CONTRACTOR.

Consultant

NO.	DATE	BY	APPD	REVISION
0.	CONSTRUCTION SET	MR	Appd	ISSUED
1.	2024.03.18	JCE	Appd	YTY:MM/DD
2.	ADDENDUM	MR	Appd	YTY:MM/DD

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ORIGINAL SHEET - ANSI D

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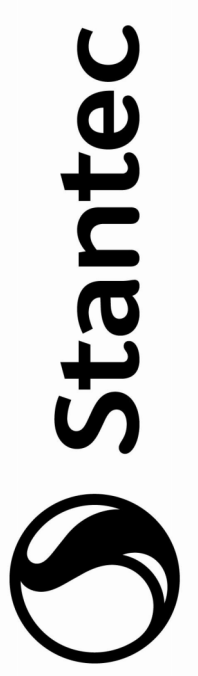
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GENERAL SHEET NOTES

1. OWNER HAS PRE-PROCURED GRIT WASHING EQUIPMENT. CONTRACTOR TO REFERENCE EQUIPMENT PRE-PROCUREMENT PACKAGE AND VENDOR SUBMITTALS FOR EQUIPMENT DETAILS, CONNECTIONS, INSTALLATION REQUIREMENTS, ETC.
2. CONTRACTOR TO PROVIDE LONG RADIUS TYPE ELBOWS FOR GRIT PIPING. UNLESS OTHERWISE SHOWN, GROOVED FITTINGS SHALL BE PROVIDED FOR ABOVE GRADE GRIT PIPING.
3. ALL PIPES BURIED BELOW THE STRUCTURE SHALL BE ENCASED PER DETAIL S-171.

SHEET KEYNOTES

- A. ROUTE PRESSURIZED AIR POLY TUBING FROM GRIT AIR COMPRESSOR PANELS TO THE GRIT WASHERS. PROVIDE 2" PVC CONTAINMENT PIPE WITH LONG RADIUS ELBOWS AS A CARRIER PIPE FOR THE AIR TUBING.
- B. PROVIDE FLEXIBLE CONNECTIONS ON GRIT PIPES IN THE YARD. SEE CIVIL DRAWINGS FOR MORE DETAIL.



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NO.	DATE	BY	APP'D	REVISION
1	2024.03.18	MB	SDW	ISSUED
2	2024.03.18	MB	SDW	CONSTRUCTION SET

NO.	DATE	BY	APP'D	REVISION
1	2024.03.18	MB	SDW	ISSUED
2	2024.03.18	MB	SDW	CONSTRUCTION SET

Permit/Seal

Client/Project
MAGNA WATER DISTRICT
MAGNA WATER RECLAMATION FACILITY
"INFLUENT DESIGN PROJECT"
Magna, UT

Project No.: 181301587
File Name: N/A
Scale: 3/8" = 1'-0"
Dwn. Dsgn. Chkd. 2024.03.18
YYYY.MM.DD

Title
GRIT WASHING FACILITY
SECTIONS - I

Revision: 2 Sheet: 104 of 160
Drawing No.

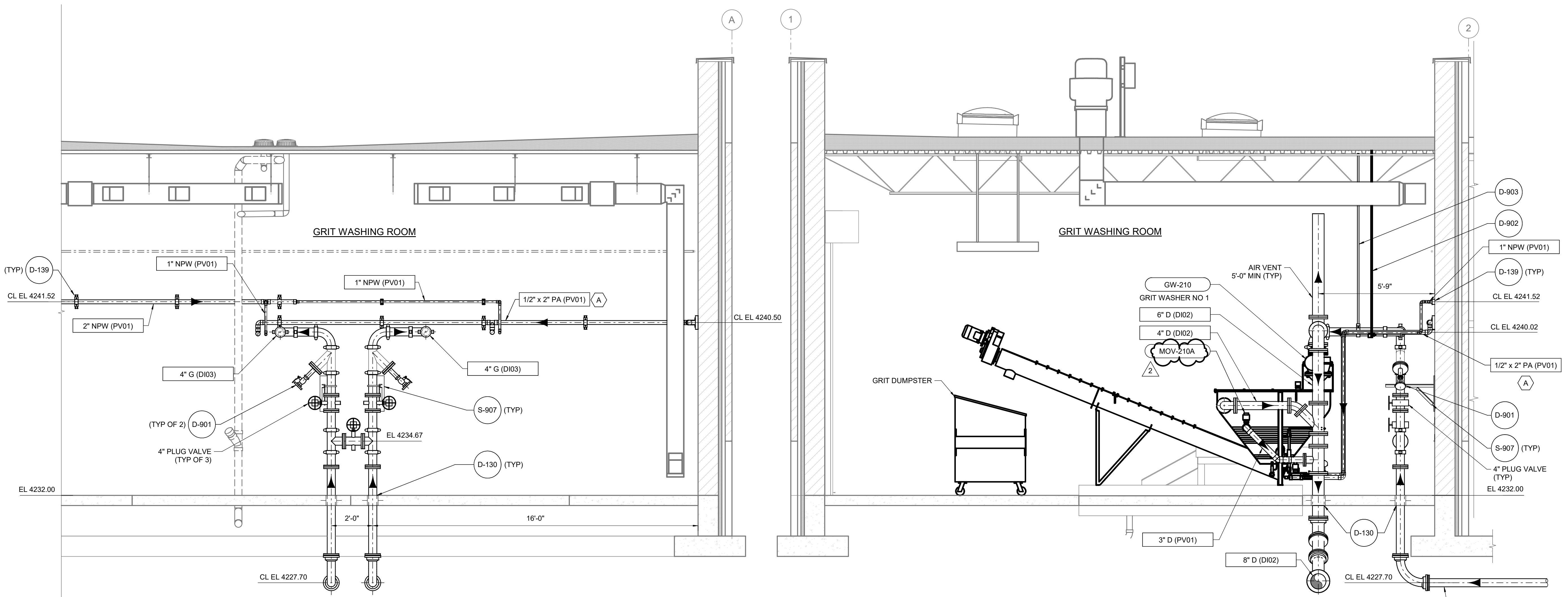
2D-301

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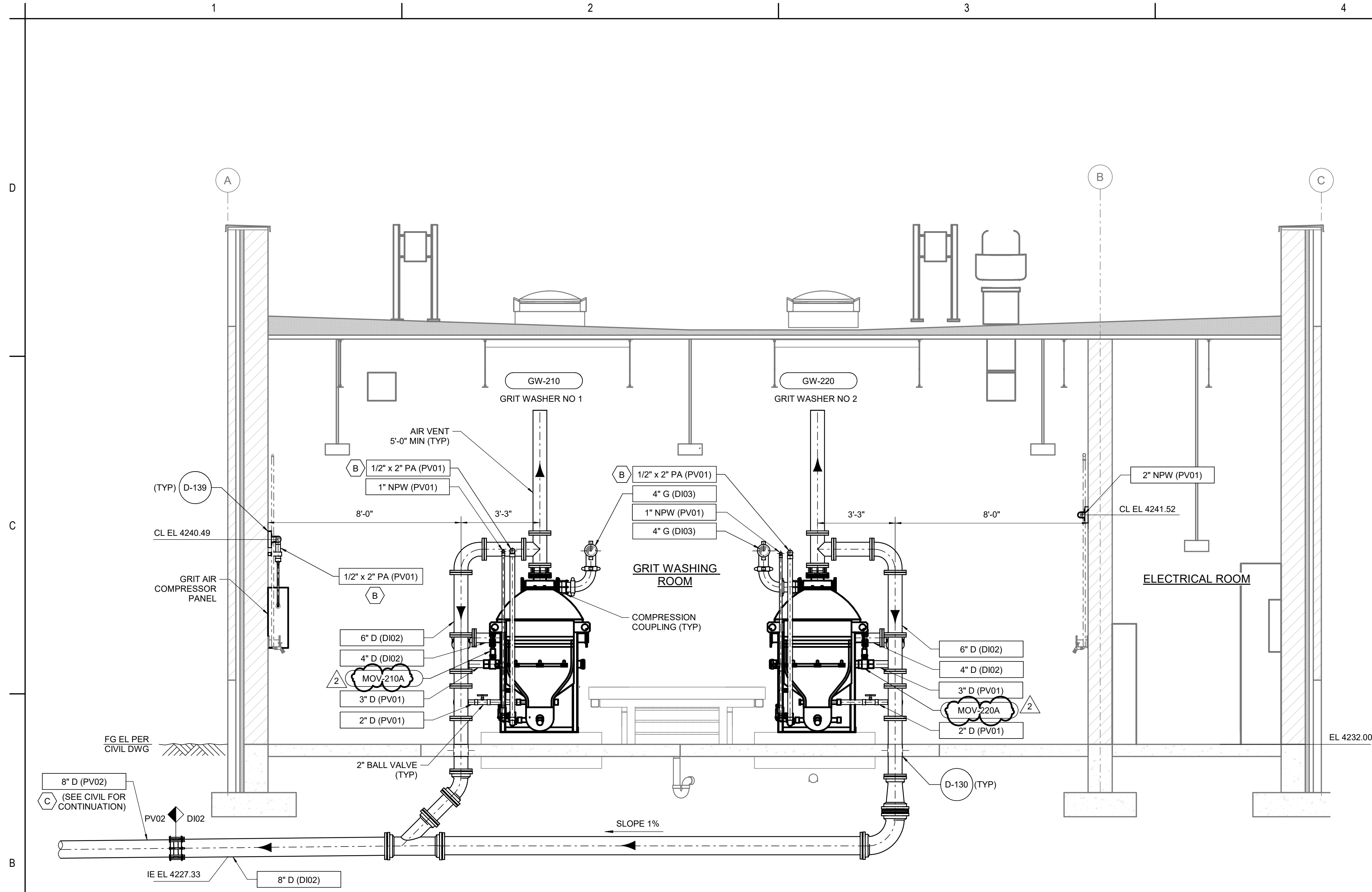


A SECTION
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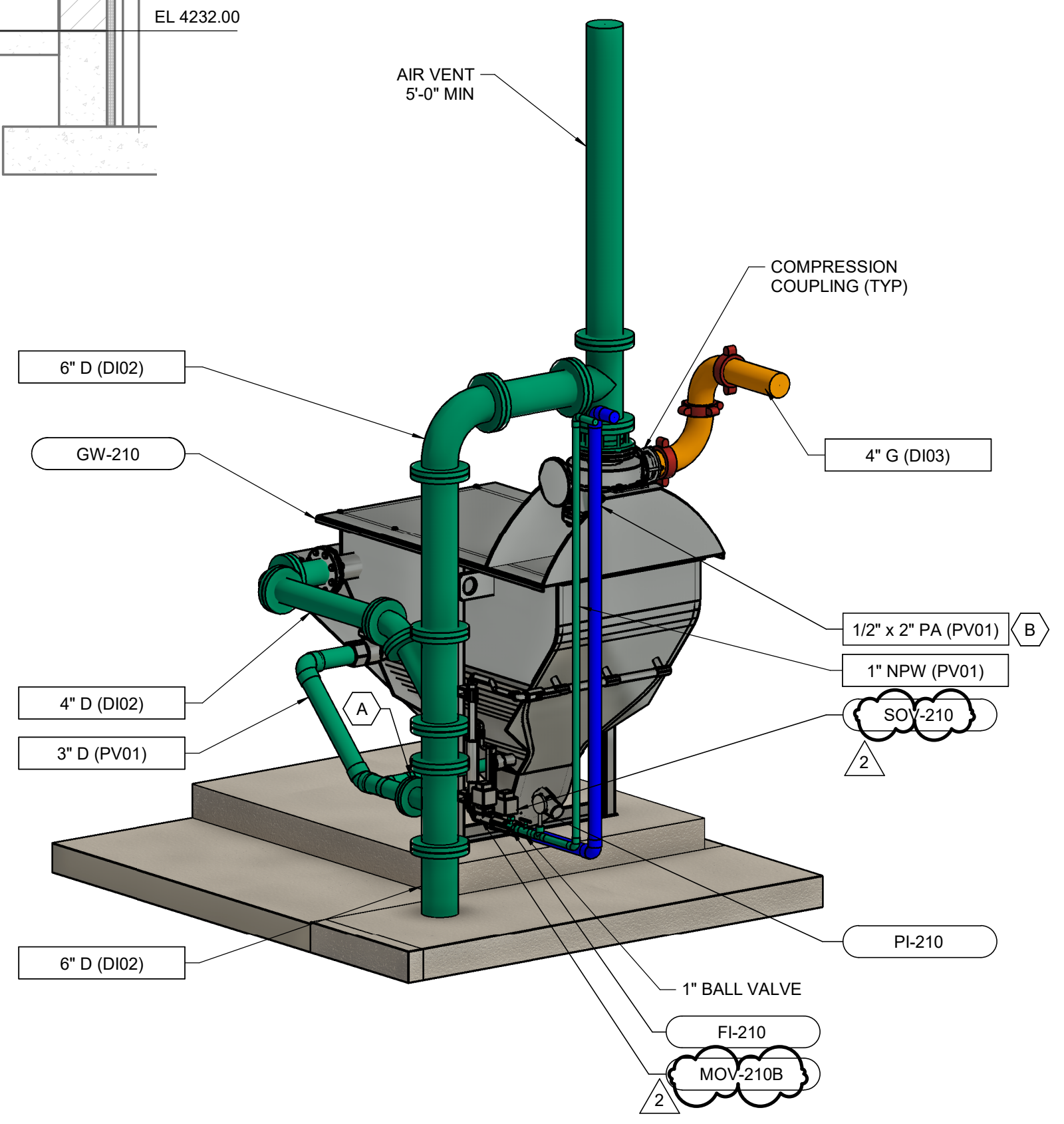
B SECTION
2D-101 SCALE: 3/8" = 1'-0"

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ORIGINAL SHEET - ANSI D



C SECTION
2D-101 SCALE: 3/8" = 1'-0"



GRIT WASHER ISOMETRIC
NO SCALE

GENERAL SHEET NOTES

- OWNER HAS PRE-PROCURED GRIT WASHING EQUIPMENT. CONTRACTOR TO REFERENCE EQUIPMENT PRE-PROCUREMENT PACKAGE AND VENDOR SUBMITTALS FOR EQUIPMENT DETAILS, CONNECTIONS, INSTALLATION REQUIREMENTS, ETC.
- CONTRACTOR TO PROVIDE LONG RADIUS TYPE ELBOWS FOR GRIT PIPING. UNLESS OTHERWISE SHOWN, GROOVED FITTINGS SHALL BE PROVIDED FOR ABOVE GRADE GRIT PIPING.
- ALL PIPES BURIED BELOW THE STRUCTURE SHALL BE ENCASED PER DETAIL S-171.

SHEET KEYNOTE

- PROVIDE PVC FLANGE ADAPTOR TO TRANSITION BETWEEN PV01 AND DI02 PIPING.
- ROUTE PRESSURIZED AIR POLY TUBING FROM GRIT AIR COMPRESSOR PANELS TO THE GRIT WASHERS. PROVIDE 2" PVC CONTAINMENT PIPE WITH LONG RADIUS ELBOWS AS A CARRIER PIPE FOR THE AIR TUBING.
- TRANSITION DRAIN PIPING FROM DI02 TO PV02 MATERIAL IN THE YARD AND PROVIDE FLEXIBLE CONNECTIONS. SEE CIVIL DRAWINGS FOR MORE DETAIL.

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Revision	By	App'd	Date
1	JCE	JCE	2024.03.18
2	JCE	JCE	2024.03.18

Permit/Seal

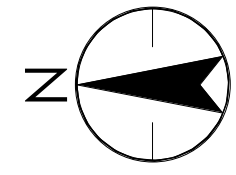
Client/Project
MAGNA WATER DISTRICT
MAGNA WATER RECLAMATION FACILITY
"INFLUENT DESIGN PROJECT"
Magna, UT

Project No.: 181301587
File Name: N/A
Scale: 3/8" = 1'-0"

NT MB SDW
Dwn. Dsgn. Chkd. 2024.03.18
YYYY.MM.DD

Revision: 2 Sheet: 105 of 160
Drawing No.

2D-302



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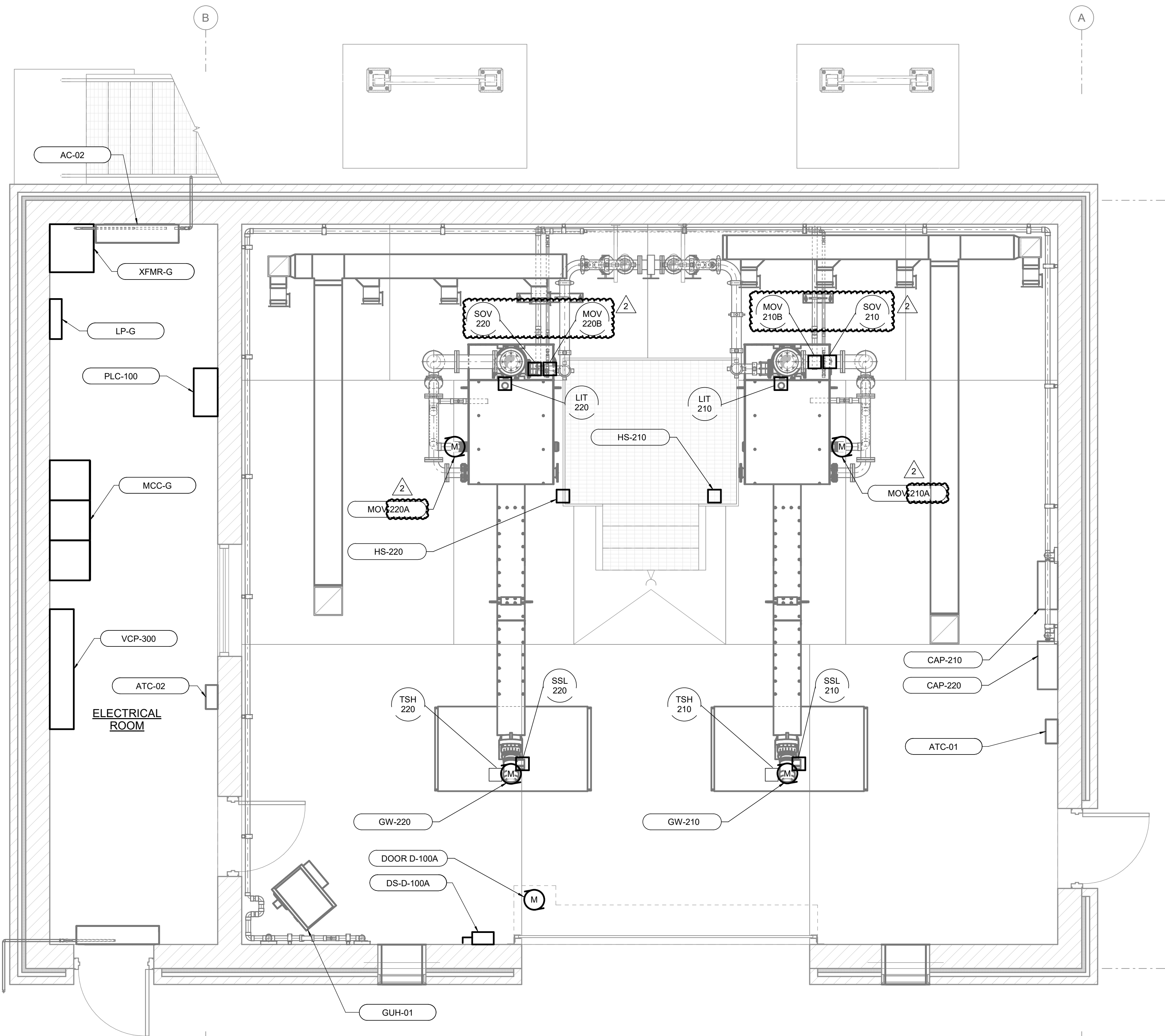
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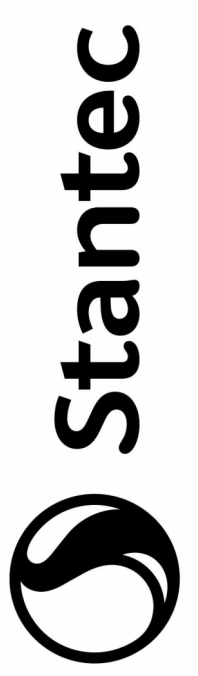
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1



EQUIPMENT LOCATION PLAN

SCALE: 3/8" = 1'-0"



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Revision	By	Date
2	KS	2024.03.18
1	KS	2024.03.18

Revision	By	Date
0	KS	2024.03.18

Permit/Seal

Client/Project
 MAGNA WATER DISTRICT

MAGNA WATER
 RECLAMATION FACILITY
 "INFLUENT DESIGN PROJECT"
 Magna, UT

Project No.: 181301587

File Name: N/A

Scale: 3/8" = 1'-0"

Dwn.	Dsgn.	Chkd.	Date
PS	KS	DR	2024.03.18
			YYYY.MM.DD

Title
 GRIT WASHING FACILITY
 EQUIPMENT LOCATION
 PLAN

Revision: 2 Sheet: 142 of 160

Drawing No.

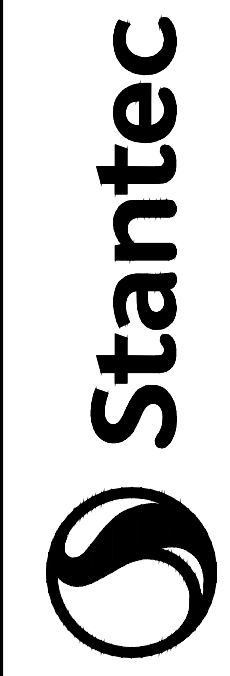
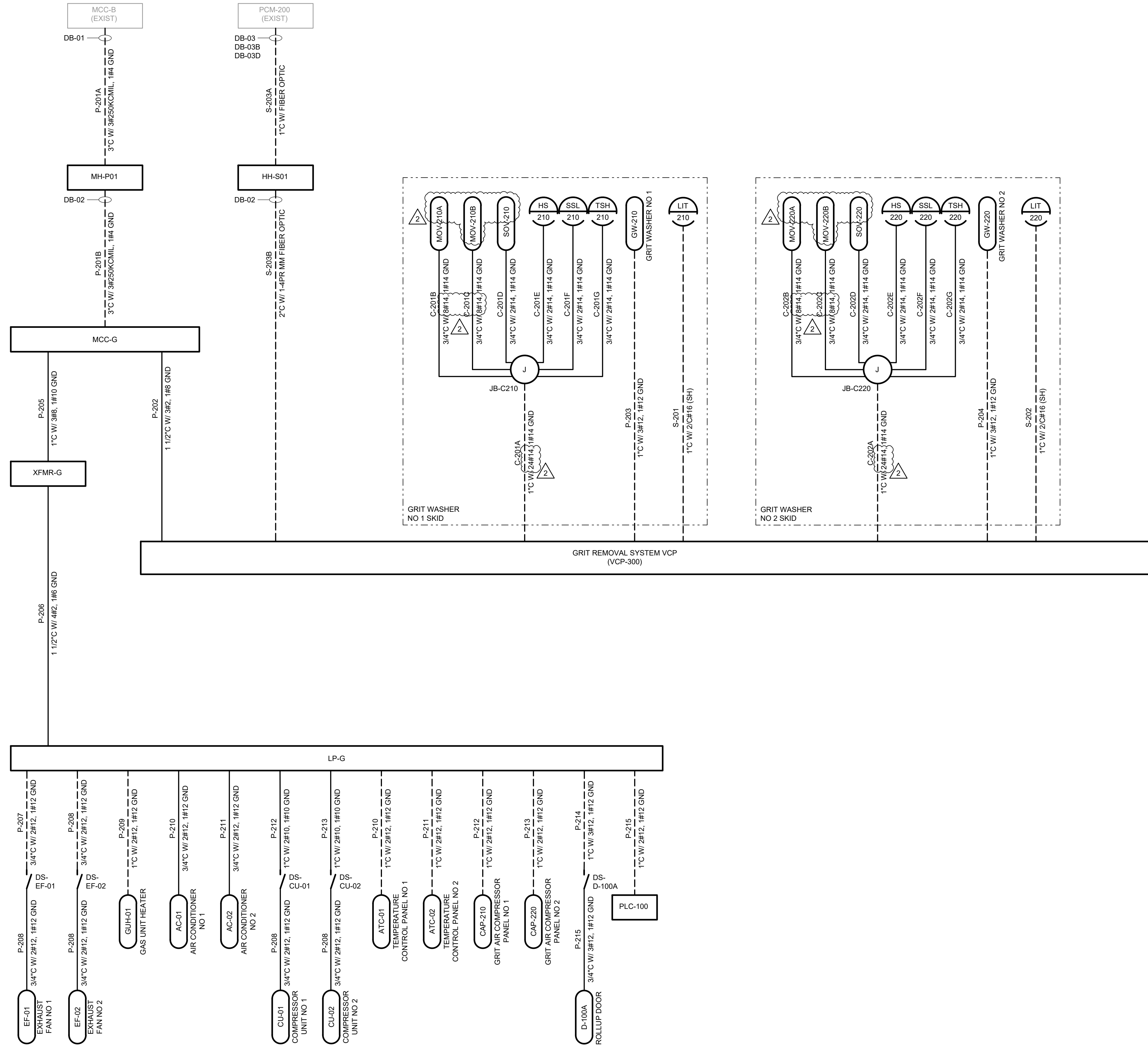
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NO.	DESCRIPTION	DATE	BY	APP'D	REVISION
1	ISSUED	2024.03.18	JCS	YTY/JMK/CD	
2	ADDENDUM	2024.03.18	KS	LUB	YTY/JMK/CD

Permit/Seal

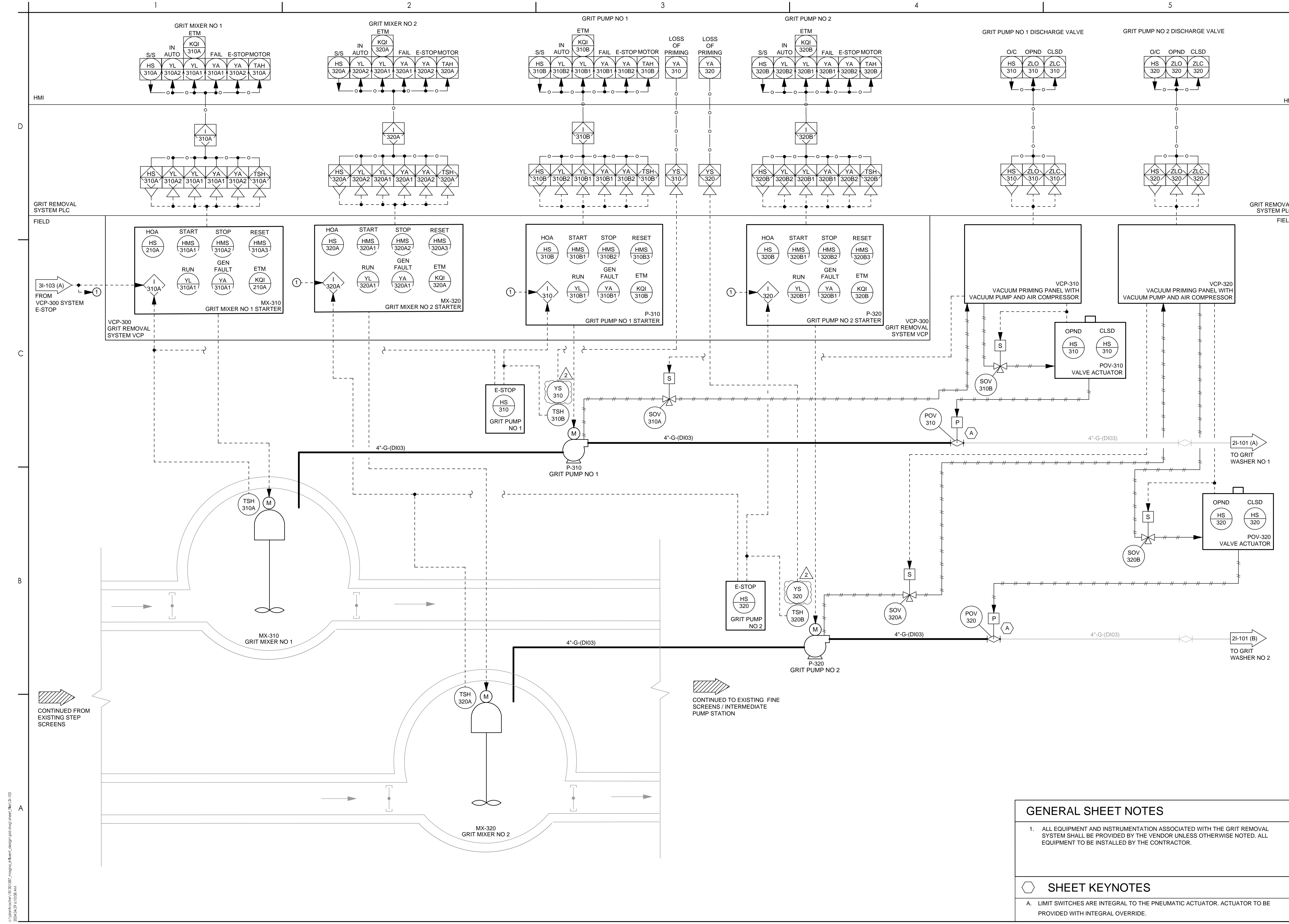
Client/Project
MAGNA WATER DISTRICT
MAGNA WATER RECLAMATION FACILITY
"INFLUENT DESIGN PROJECT"
Magna, UT

Project No.: 181301587
File Name: 015870102E604
Scale: NO SCALE

Title
GRIT WASHING FACILITY
CONDUIT DEVELOPMENT

Revision: Sheet: 148 of 160
Drawing No.

2E-604



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NO.	DATE	BY	APP'D	REVISION
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2	2024.03.18	AM	YTY/AM/CD	ADDENDUM
3	2024.03.18	AM	YTY/AM/CD	ADDENDUM

Permit/Seal

NO.	DATE	BY	APP'D	REVISION
1	2024.03.18	JCS	YTY/AM/CD	ISSUED
2	2024.03.18	AM	YTY/AM/CD	ADDENDUM
3	2024.03.18	AM	YTY/AM/CD	ADDENDUM

Client/Project
 MAGNA WATER DISTRICT
 MAGNA WATER RECLAMATION FACILITY
 "INFLUENT DESIGN PROJECT"
 Magna, UT

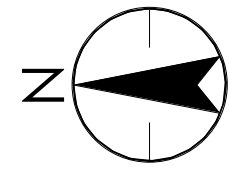
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 File Name: 31-103
 Scale: NO SCALE
 Title
 HEADWORKS FACILITY
 GRIT CHAMBERS &
 GRIT PUMPS P&ID
 Revision: Sheet: 93 of 160
 Drawing No.

GENERAL SHEET NOTES

- ALL EQUIPMENT AND INSTRUMENTATION ASSOCIATED WITH THE GRIT REMOVAL SYSTEM SHALL BE PROVIDED BY THE VENDOR UNLESS OTHERWISE NOTED. ALL EQUIPMENT TO BE INSTALLED BY THE CONTRACTOR.

SHEET KEYNOTES

- LIMIT SWITCHES ARE INTEGRAL TO THE PNEUMATIC ACTUATOR. ACTUATOR TO BE PROVIDED WITH INTEGRAL OVERRIDE.

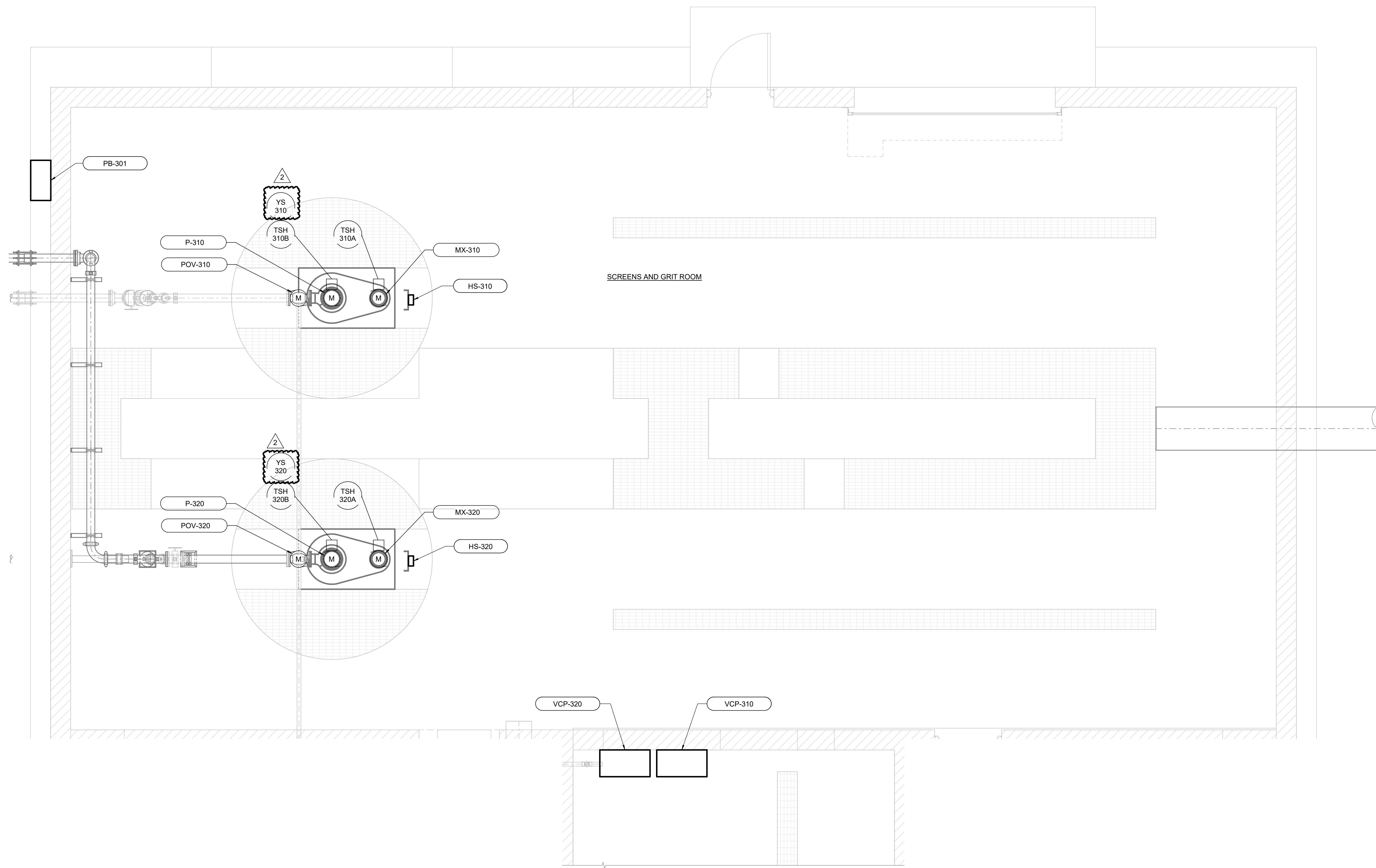


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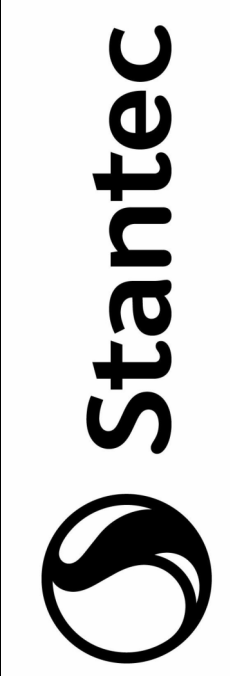
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SCREENS AND GRIT ROOM

3 SCREENS AND GRIT ELECTRICAL PLAN
 3E-101 SCALE: 3/8" = 1'-0"



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Revision	By	Date
2	KS	2024.03.18
1	YTY	2024.03.18

Revision	By	Date
0	KS	2024.03.18
1	YTY	2024.03.18

Permit/Seal

Client/Project
 MAGNA WATER DISTRICT
 MAGNA WATER RECLAMATION FACILITY
 "INFLUENT DESIGN PROJECT"
 Magna, UT

Project No.: 181301587
 File Name: N/A

Scale: 3/8" = 1'-0"
 Dwn. Dsgn. Chkd. 2024.03.18

Title
 HEADWORKS FACILITY
 SCREENS & GRIT ROOM
 ELECTRICAL PLAN

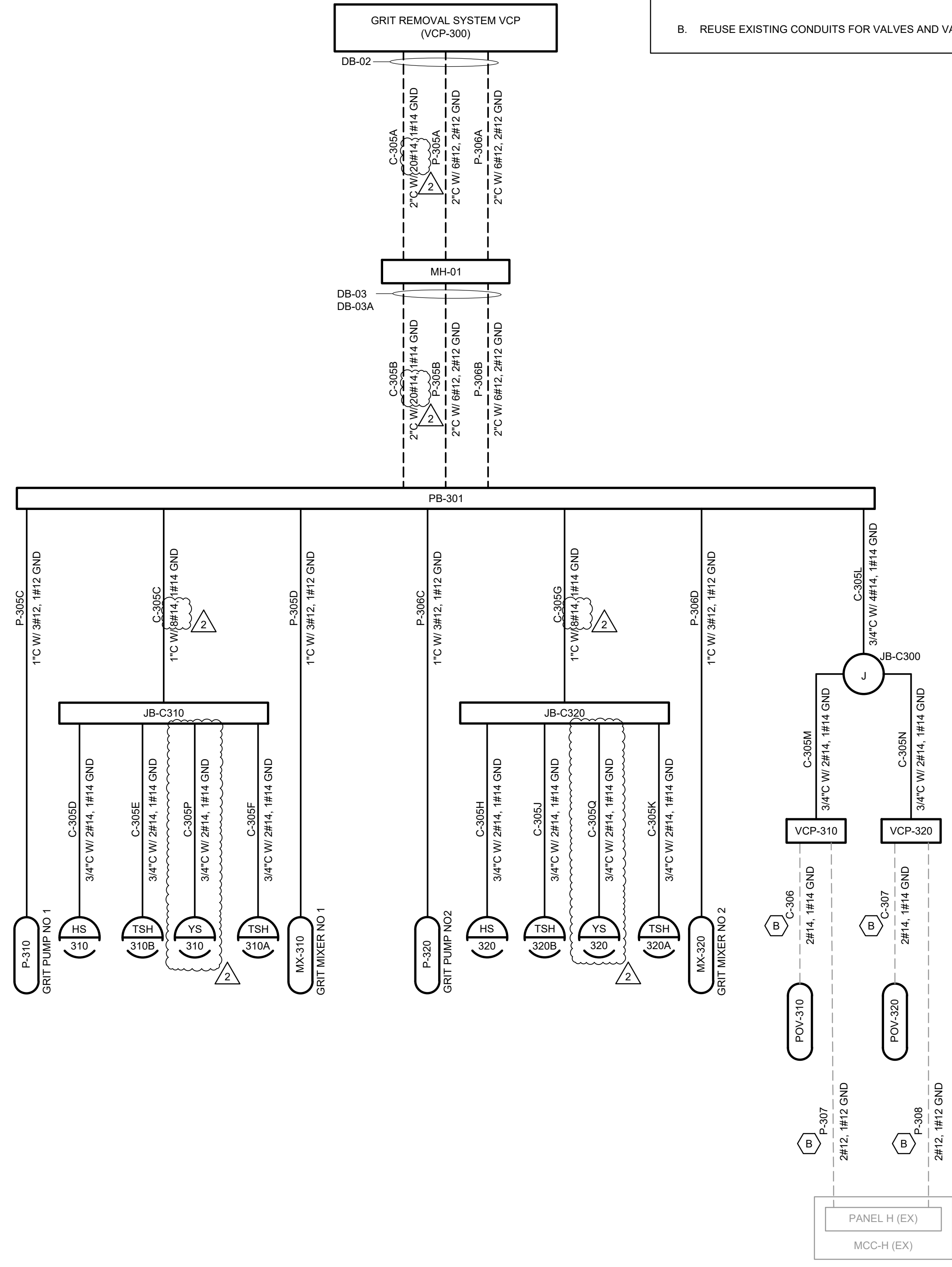
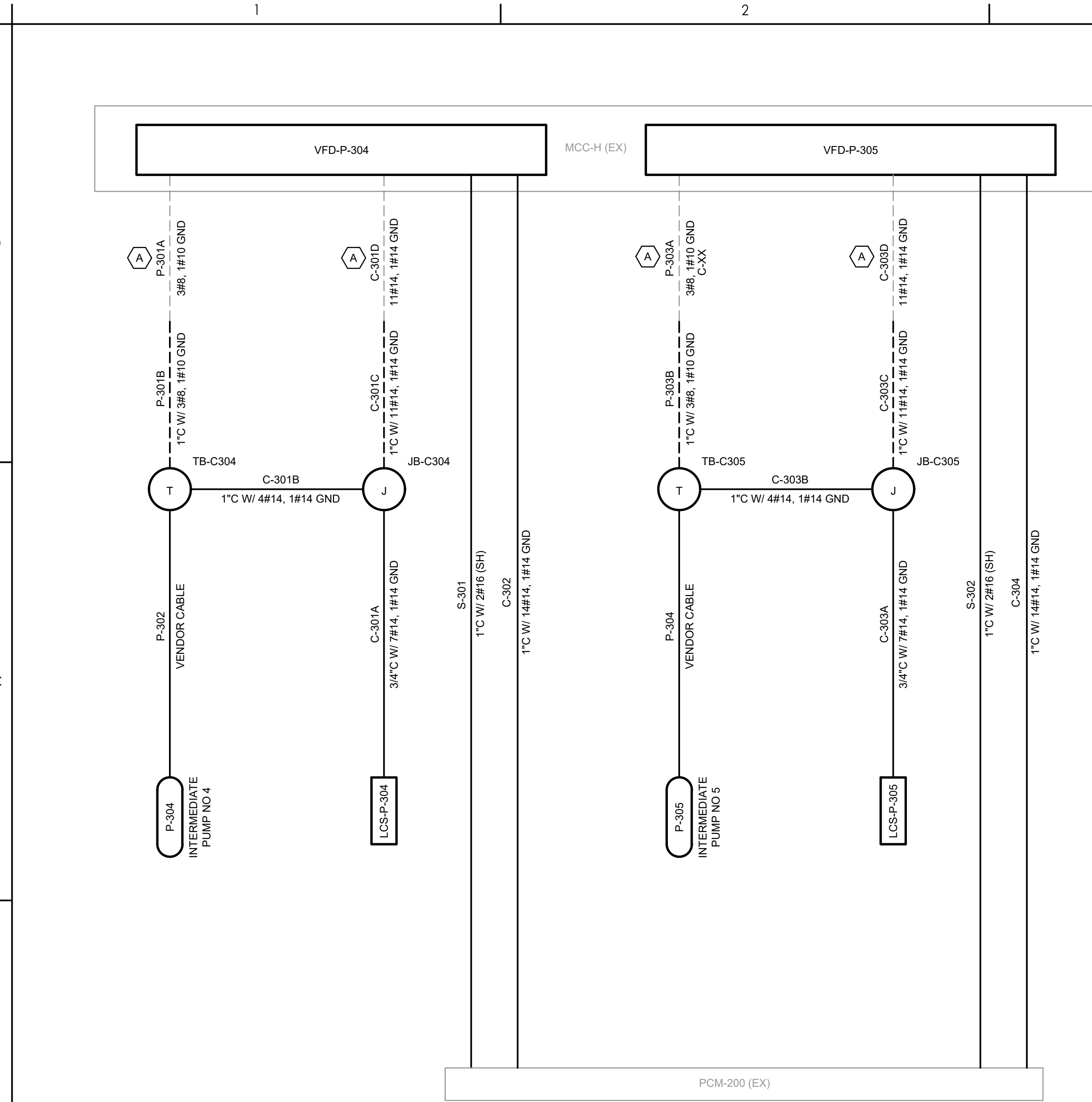
Revision: 2 Sheet: 154 of 160
 Drawing No.

3E-104

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SHEET KEYNOTES

A. CONTRACTOR MAY RUN POWER AND CONTROL CABLES IN THE SAME CONDUIT FROM THE LCS STAND TO THE MCC IF THEY CHOOSE TO REUSE THE EXISTING CONDUIT.

B. REUSE EXISTING CONDUITS FOR VALVES AND VALVE PANELS AS INDICATED.

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2	ADRENDAW	KS	REVISION
1	CONSTRUCTION SET	JCS	ISSUED

Client/Project
 MAGNA WATER DISTRICT
 MAGNA WATER RECLAMATION FACILITY
 "INFLUENT DESIGN PROJECT"
 Magna, UT

Project No.: 181301587
 File Name: 015870103E604
 Scale: NO SCALE

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
BF	KS	DR	2024.03.18

Title
 HEADWORKS FACILITY
 CONDUIT DEVELOPMENT

Revision: Sheet: 158 of 160
 Drawing No.
3E-604