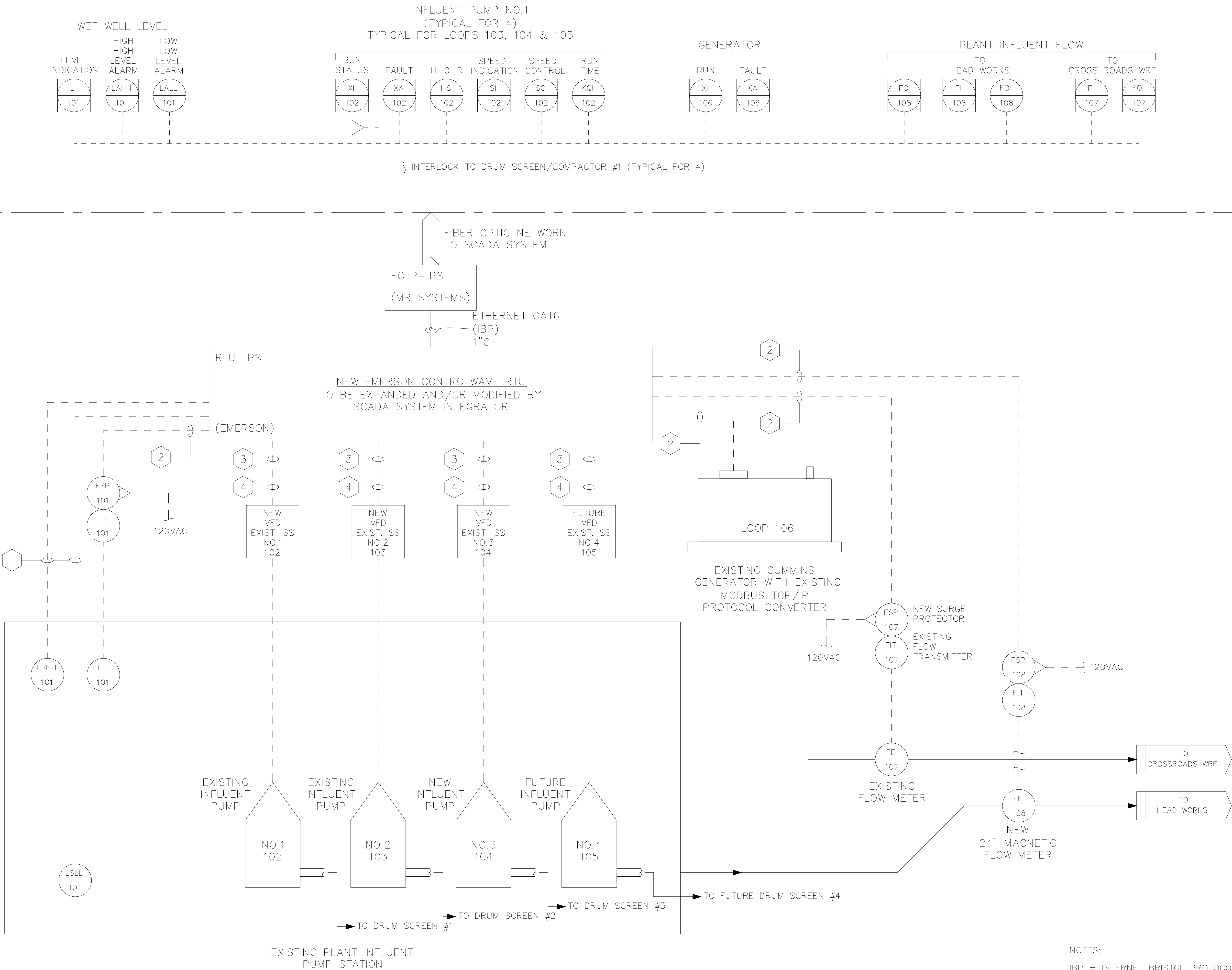


C:\Users\janderson\Documents\Drawings\Draw - Aug 12, 2015 - 2:55:56 PM



NOTES:
IBP = INTERNET BRISTOL PROTOCOL

NO	BY	DATE	REVISIONS
1	0	6-25-19	REVISED PER ADDENDUM #4
2	0	5-01-19	ISSUED FOR BIDS

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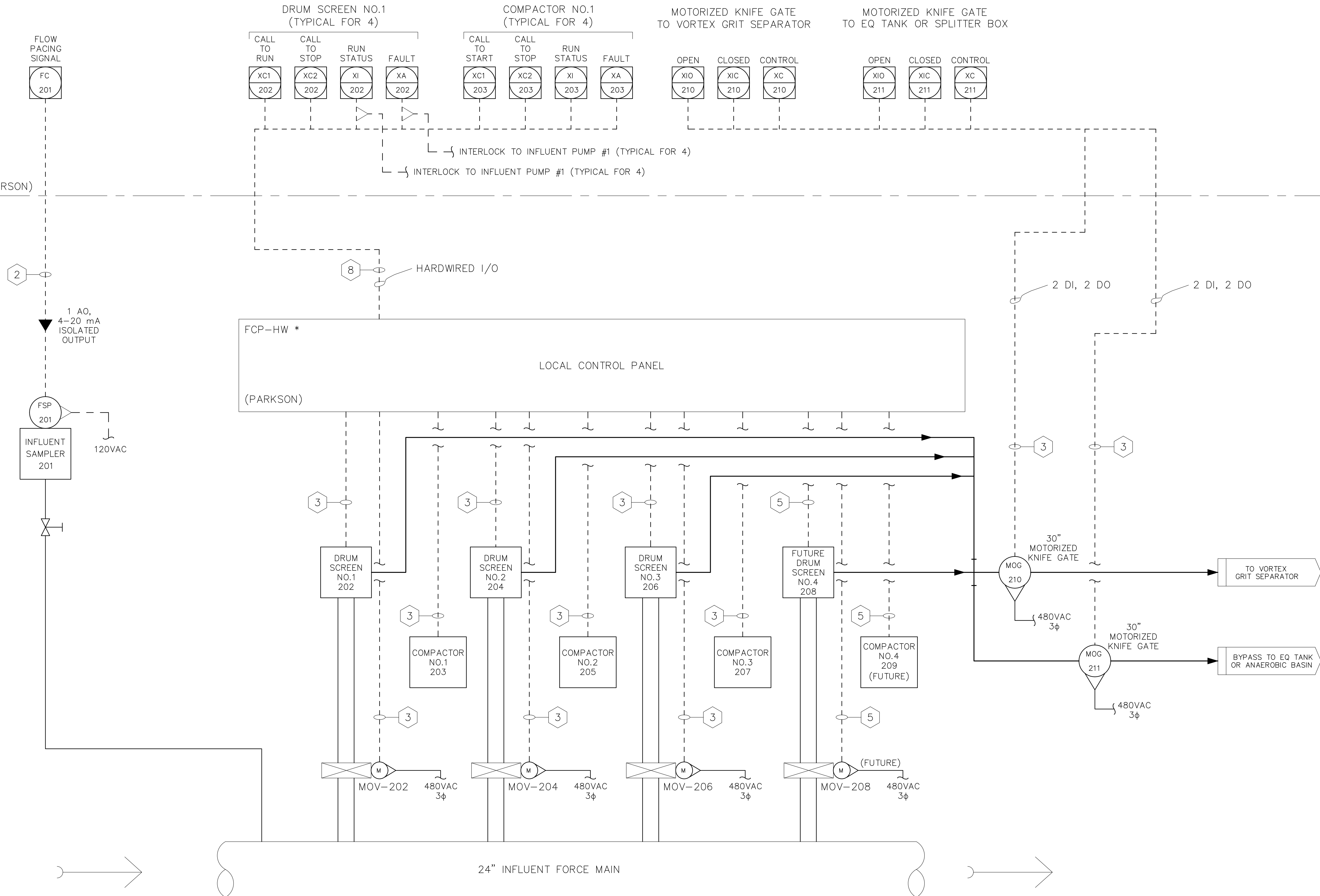
SAVANNAH
savannahga.gov

TRAVIS FIELD WATER RECLAMATION FACILITY
EXISTING INFLUENT PUMP STATION

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'

SCADA (EMERSON)

LCP-HW (EMERSON)



NOTES:
* SUPPLIED BY EQUIP.VENDOR

BID SET - NOT FOR CONSTRUCTION			
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REVISED PER ADDENDUM #4			
ISSUED FOR BIDS			
REVISIONS			
BY DATE			
No.			

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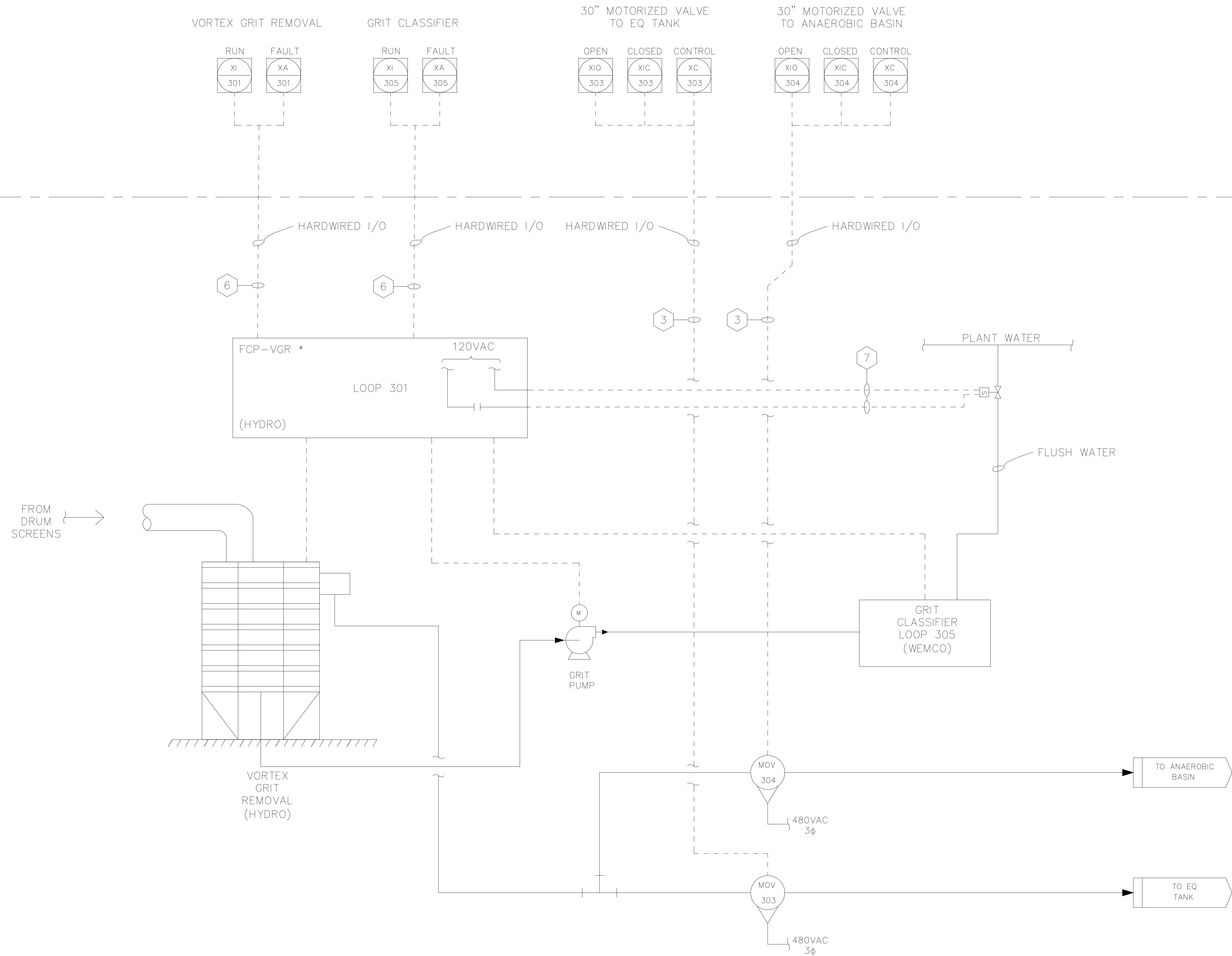
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savannahga.gov

TRAVIS FIELD WATER RECLAMATION FACILITY

HEADWORKS

JOB NO:	J-26963.0000
DATE:	I-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'

I-2



NOTES:

* SUPPLIED BY EQUIP.VENDOR

[illegible]

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TRAVIS FIELD WATER RECLAMATION FACILITY

HEADWORKS

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'



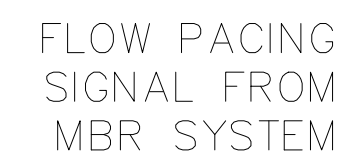
MEMBRANE SYSTEM

[illegible]

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 SAVANNAH savannahga.gov	TRAVIS FIELD WATER RECLAMATION FACILITY MEMBRANE SYSTEM
---	--

JOB NO:	J-26963.0000
DATE:	I-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'



NOTES:

IBP = INTERNET BRISTOL PROTOCOL

[illegible]

BID SET - NOT FOR CONSTRUCTION

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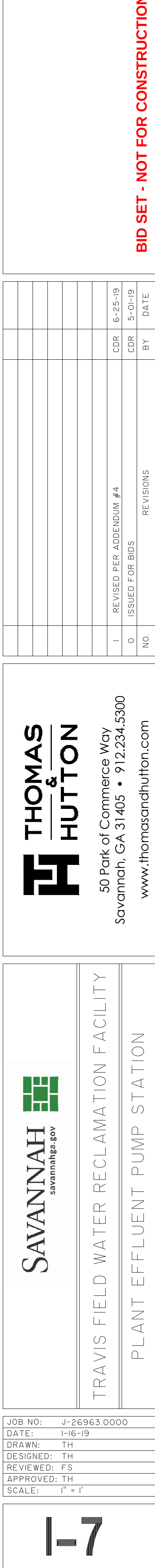
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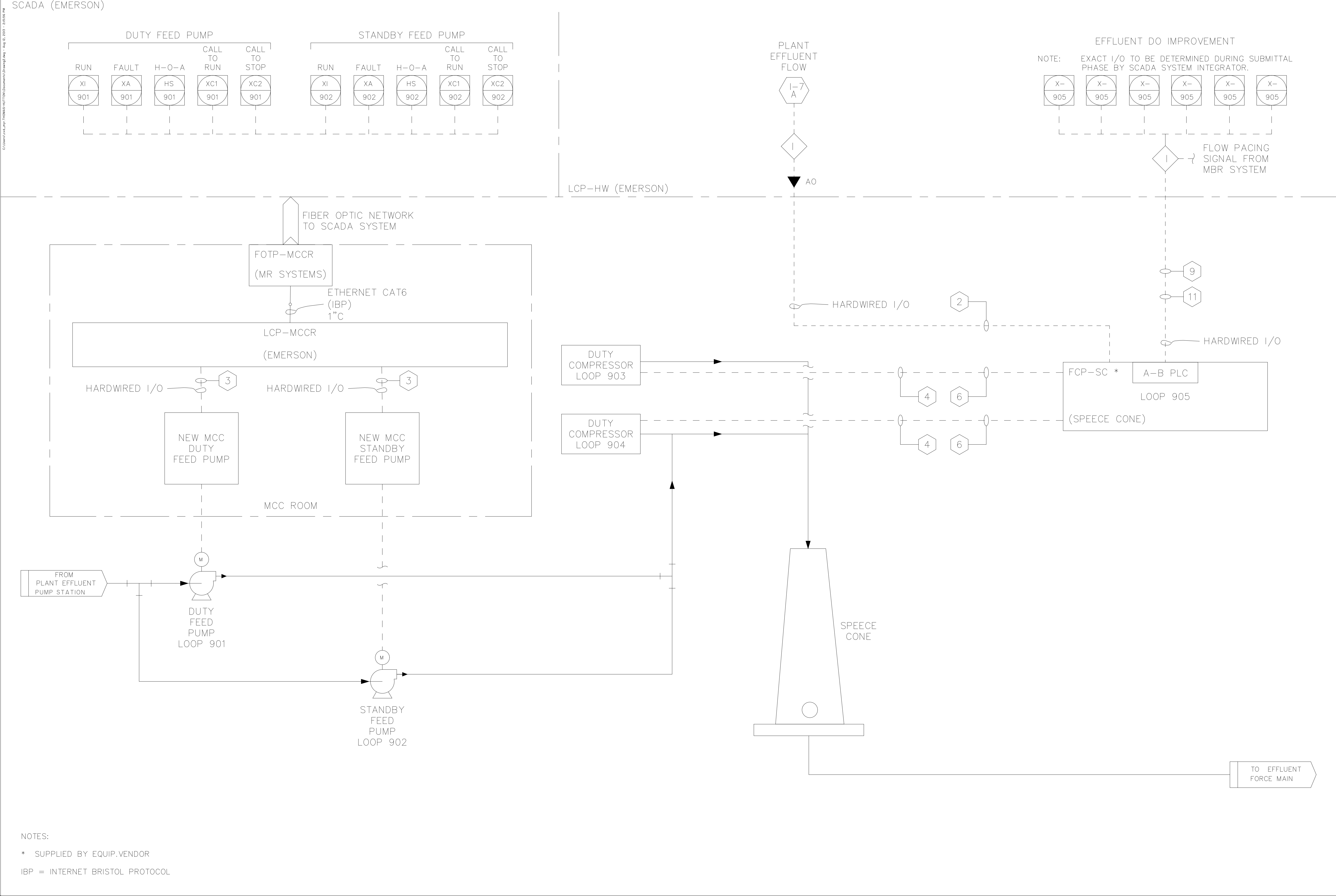
UV DISINFECTION

OB NO:	J-26963.0000
ATE:	I-16-19
RAWN:	TH
ESIGNED:	TH
VIEWED:	FS
PPROVED:	TH
CALE:	I" = I'





1-8



NOTES:

* SUPPLIED BY EQUIP.VENDOR

IBP = INTERNET BRISTOL PROTOCOL

BID SET - NOT FOR CONSTRUCTION

NO	BY	DATE	REVISIONS
1	CDR	6-25-19	REVISED PER ADDENDUM #4
0	CDR	5-01-19	ISSUED FOR BIDS

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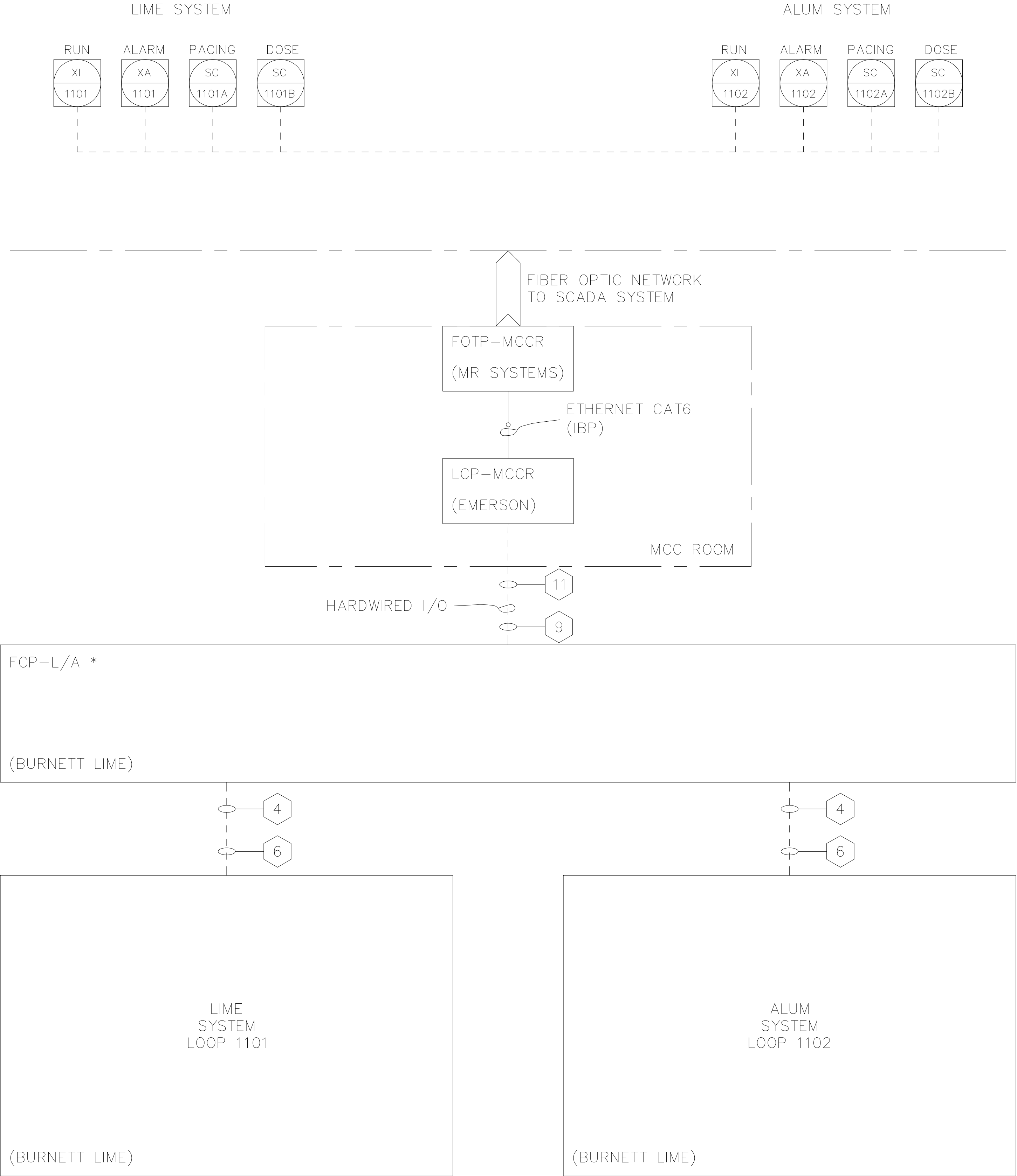
TRAVIS FIELD WATER RECLAMATION FACILITY
DO IMPROVEMENT SYSTEM

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'



1. TO BE DETERMINED BASED ON ACTUAL EQUIPMENT SUPPLIED
2. PLANT DRAIN PUMPS TO BE CONTROLLED BY PID LOOPS
3. IBP = INTERNET BRISTOL PROTOCOL

SCADA (EMERSON)



NOTES:

* SUPPLIED BY EQUIP.VENDOR

IBP = INTERNET BRISTOL PROTOCOL

[illegible]

**THOMAS
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HUTTON**

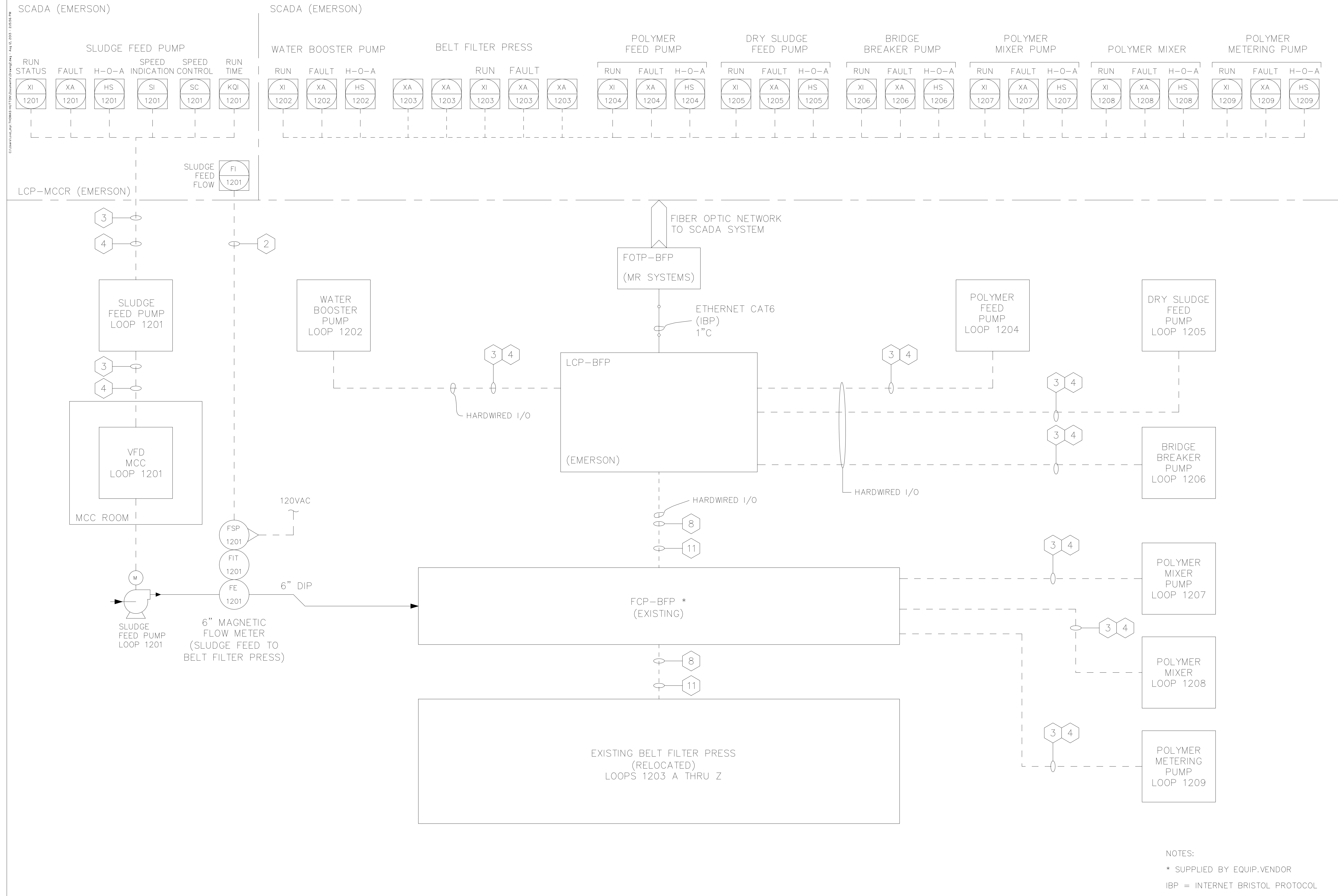
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TRAVIS FIELD WATER RECLAMATION FACILITY

LIME SLURRY / ALUM SYSTEM

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'



NOTE: ALL ETHERNET COMMUNICATIONS TO BE MODBUS TCP/IP. NO EXCEPTIONS.

[illegible]

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TRAVIS FIELD WATER RECLAMATION FACILITY

SCADA NETWORK DIAGRAM

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'

[illegible]

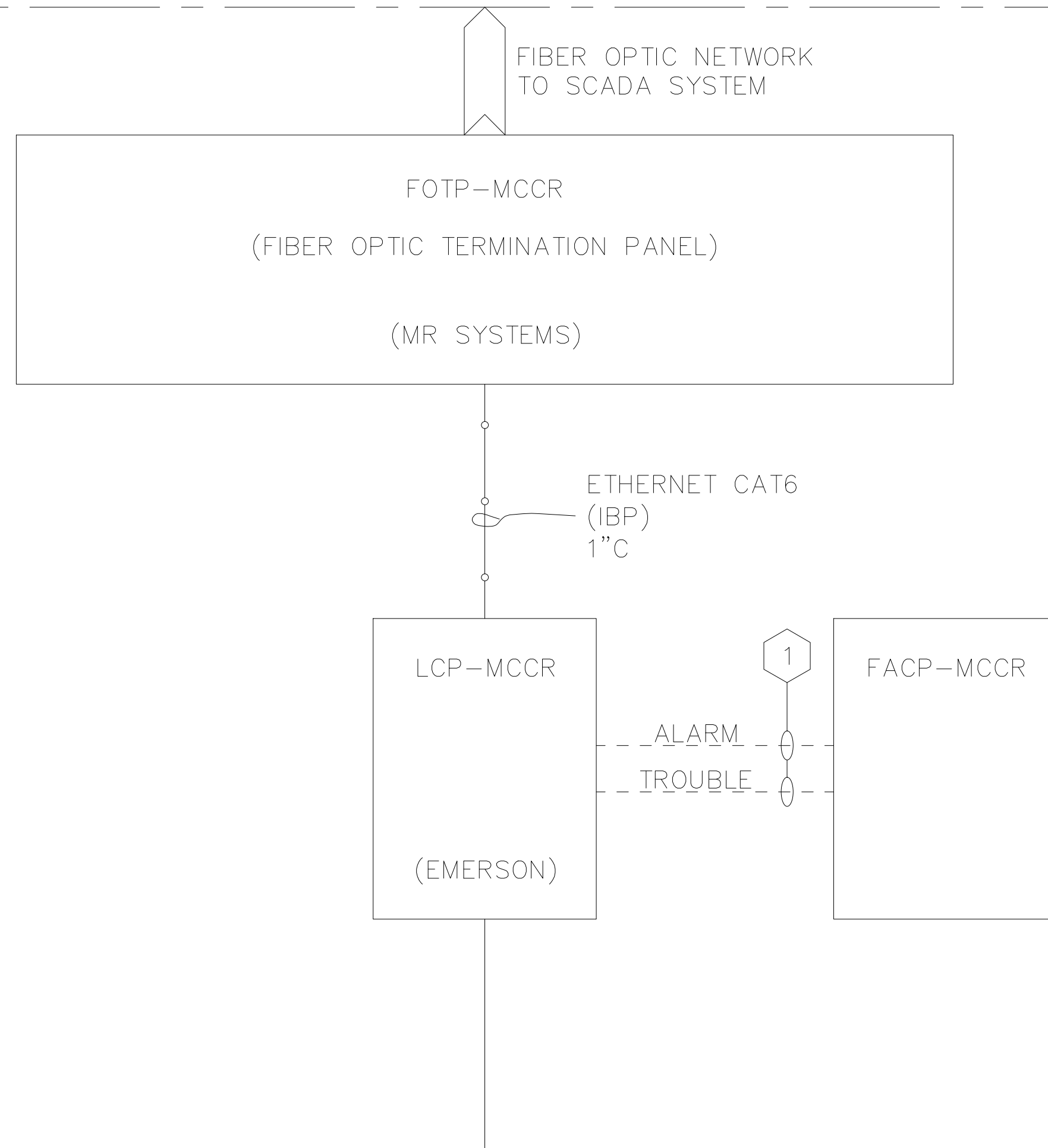
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TRAVIS FIELD WATER RECLAMATION FACILITY
 HEADWORKS LOCAL NETWORKING

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	TH
DESIGNED:	TH
REVIEWED:	FS
APPROVED:	TH
SCALE:	1" = 1'



THE FOLLOWING EQUIPMENT IS EITHER HARDWIRED OR CONNECTED VIA ETHERNET CAT6 (MODBUS TCP/IP) TO LCP-MCCR:

EQ MIXER NO. 1
EQ MIXER NO. 2
EQ PUMP NO. 1 VFD
EQ PUMP NO. 2 VFD
EQ PUMP NO. 3 VFD
FUTURE EQ PUMP NO. 4 VFD

PLANT EFFLUENT PUMP #1 VFD
PLANT EFFLUENT PUMP #2 VFD
PLANT EFFLUENT PUMP #3 VFD
FUTURE PLANT EFFLUENT PUMP #4 VFD
SLUDGE FEED PUMP VFD

SPECE CONE DUTY FEED PUMP
SPECE CONE STANDBY FEED PUMP
PLANT DRAIN PUMP #1 VFD
PLANT DRAIN PUMP #2 VFD

NOTES:

IBP = INTERNET BRISTOL PROTOCOL



OB NO:	J-26963.0000
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