



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÁHAN
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

May 19, 2021

AMENDMENT NO.: IV

TO

INVITATION FOR BID NO.: RE-BID GPA-009-21

FOR

FM-200 SYSTEM REPAIRS

Prospective Bidders are hereby notified of the following change and response to an inquiry received from Bidder No.: 2 dated April 22, 2021:

QUESTION:

1. We request for a soft copy of the As-Built Drawings for both GPA Tenjo Vista Diesel Plant and Tyan Substation. The drawings are required to get pricing to refill the FM-200 tanks.

ANSWER:

Kindly see attached drawing.

QUESTION:

2. We would like to request the FM-200 weight for each tank at each site and the certified date.
(Note: Usually this information is stamped on top of the tank)

ANSWER:

Kindly see attached pictures.

QUESTION:

3. We would also like to request a two (2) week bid extension from the date the drawing are received.

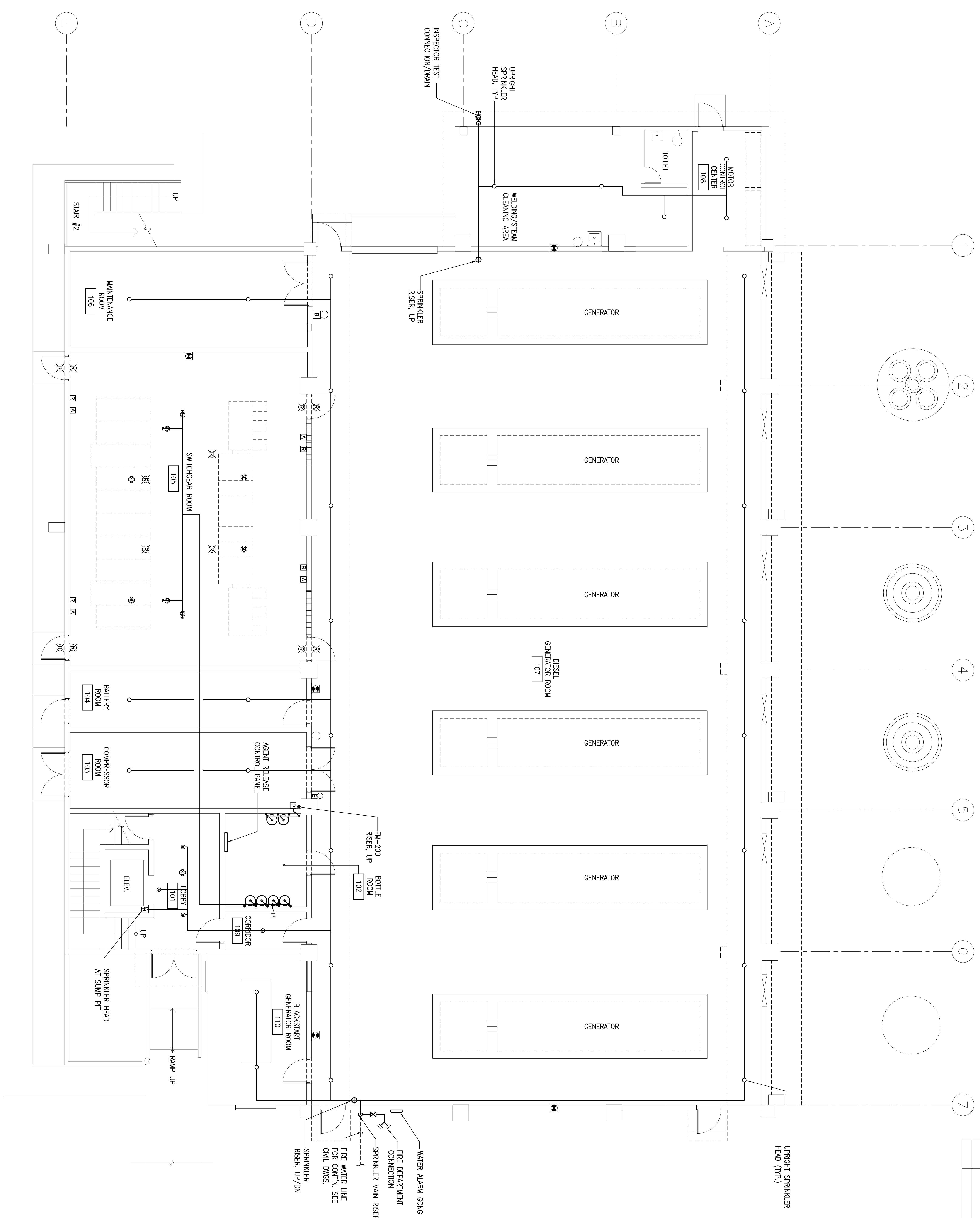
ANSWER:

Refer to Amendment No.: III, dated May 18, 2021.

All other Terms and Conditions in the bid package shall remain unchanged and in full force.

for JOHN M. BENAVENTE, P.E.
General Manager

REVISIONS				
SYMBOL	DESCRIPTION	INT.	DATE	APP'D.



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

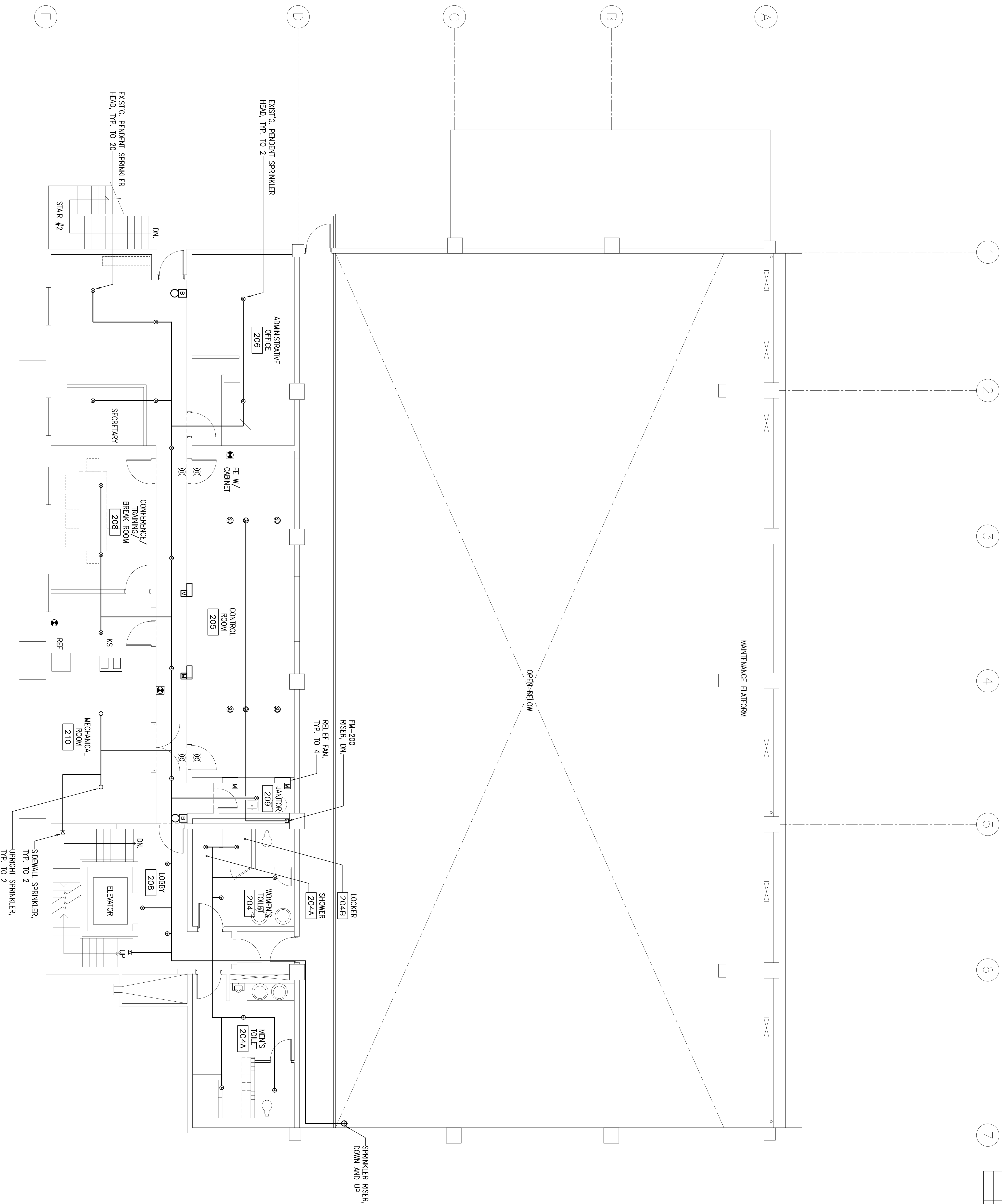
AS-BUILT DRAWINGS FP7.1

GRAPHIC SCALE



		GUAM POWER AUTHORITY P.O. BOX 2977, AGANA, GUAM USA 96910	
DRAWING NO. FP7.1	PROJECT UPGRADE OF FIRE PROTECTION AND SMOKE ALARM SYSTEMS AT TENO VISTA DIESEL POWER PLANT	DESIGNED BY TENO VISTA DIESEL POWER PLANT - FM-200 FIRE SUPPRESSION SYSTEM RE-COMMISSIONING PLAN	DATE 12 OF 22
DESIGNED BY JOHN S. KOSTER, P.E.	CHECKED BY JOHN S. KOSTER, P.E.	SCALE AS SHOWN	SHEET 12 OF 22

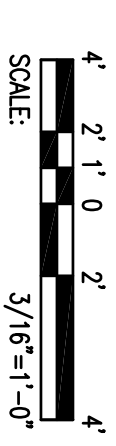
REVISIONS				
SYMBOL	DESCRIPTION	INT.	DATE	APP'D.



1 FIRE PROTECTION PLAN - SECOND FLOOR
 SCALE 3/16"=1'-0"

AS-BUILT DRAWINGS FP7.2

GRAPHIC SCALE



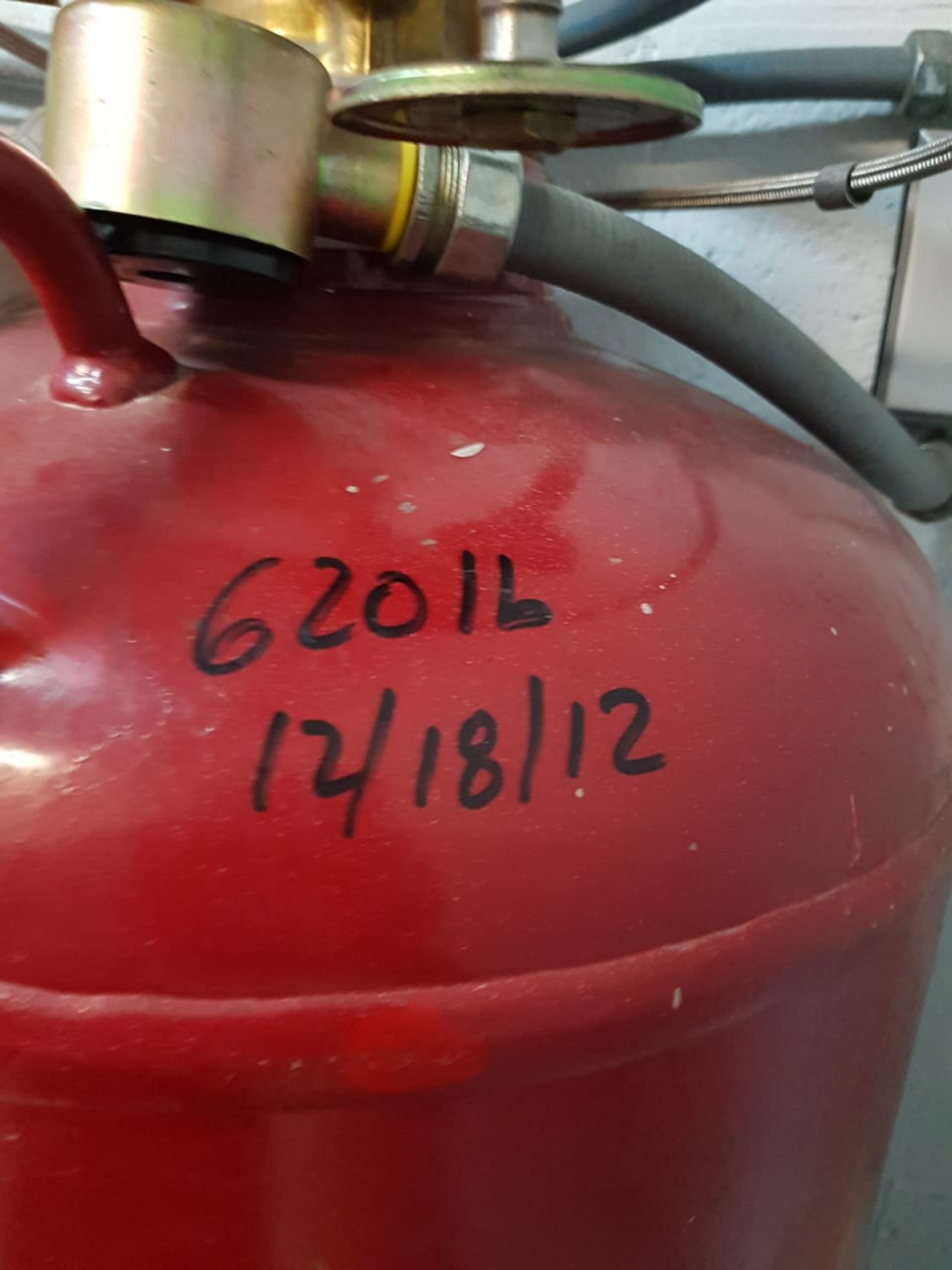
BME & SONS INC.
 GENERAL CONTRACTOR & EQUIPMENT RENTAL
 1000 N. RICHMOND AVE. SUITE 100
 AGANA, GUAM 96910
 TEL: 671-233-1111 FAX: 671-233-1112
 WWW.BMEANDSONS.COM

REGISTERED ELECTRICAL ENGINEER
 LICENSE NO. 100005
 JOHN S. AGOSTA, P.E.

GUAM POWER AUTHORITY
 P.O. BOX 2977, AGANA, GUAM USA 96910

DRAWING NO.	FP7.2	DATE	05/10/2015
DESIGNED BY	JOHN S. AGOSTA	SCALE	AS SHOWN
CHECKED BY	JOHN S. AGOSTA	SHEET	13 OF 22
APPROVED BY	JOHN S. AGOSTA	DATE	05/10/2015

UPGRADE OF FIRE PROTECTION AND SMOKE ALARM SYSTEMS AT TENUO VISTA DIESEL POWER PLANT
 PLAN (SECOND FLOOR)



62012

12/18/12

FM-200 CYLINDER

CYLINDER
ASSY. PIN

2480983

CHARGED WITH

319

POUNDS OF FM-200

EMPTY WEIGHT

294

POUNDS INCLUDING
ATTACHMENTS

FULL WEIGHT

620.4

POUNDS FM-200 AND NITROGEN
PRESSURIZED TO 360 PSI
(2482 kPa) AT 70°F (21°C).

FILL STATION

PERIODICALLY CHECK GAUGES FOR PRESSURE.
WEIGH CYLINDER AT LEAST EVERY SIX (6) MONTHS.
SEE SERVICE MANUAL FOR DETAILED INSTRUCTIONS.

STORAGE TEMPERATURE: 32°F (0°C) TO 130°F (54°C).
CYLINDER FACTORY TEST PRESSURE: 1000 PSIG (6895 kPa).

FOR SYSTEM DESIGN, USAGE, AND MAINTENANCE,
REFER TO THE INFORMATION AT RIGHT.

CHEMETRON
Fire Systems™

UNIVERSITY PARK, IL 60466

ADDITIONAL INFORMATION - 360 PSI
SYSTEM DESIGN

STANDARDS FOR FM-200 FIRE EXTINGUISHING
CHEMETRON FM-200 OPERATION, DESIGN AND
PART NO. 30000024.

WARNING DANGER

PERFORM THE FOLLOWING
REMOVING THE CYLINDER ASSEMBLY

- 1 - REMOVE ALL OPERATING DEVICES
A) SOLENOID PILOT VALVE
B) MANUAL PNEUMATIC ACTUATOR
C) BRAIDED HOSES
- 2 - REMOVE DISCHARGE PIPING
- 3 - ATTACH VALVE OUTLET CAP

OPERATION/INSTALLATION INSTRUCTIONS
PRIOR TO INSTALLATION REFER TO CHEMETRON
DESIGN, AND SERVICE MANUAL FOR MORE DETAILS.
DO NOT CONNECT ANY ACTUATING DEVICES TO THE
SECURED IN THE RACK AND DISCHARGE CONNECTOR
THE PIPING SYSTEM.

INSPECTION INSTRUCTIONS
THE CYLINDERS SHOULD BE INSPECTED
FREQUENTLY WHEN OPERATING. IF THE
PIPING AND NOZZLES SHOULD BE EXAMINED TO
THEY ARE UNOBSTRUCTED.
THE CYLINDERS SHOULD BE RECHARGED IF THE
EXCEEDS 3 PERCENT OF THE CHARGE WEIGHT.
THE CYLINDERS SHOULD BE RECHARGED IF THE
ADJUSTED FOR TEMPERATURE.
NORMAL CHARGE PRESSURE.
IF CYLINDER VALVE ASSEMBLY IS MALFUNCTIONING
LOCATOR REFER TO THE CHEMETRON INSTRUCTIONS
AND SERVICE MANUAL FOR INSTRUCTIONS.

THE CONCENTRATED AGENT WHEN APPLIED TO A FIRE
CAN PRODUCE TOXIC BY-PRODUCTS WHICH CAN
TO VAPORS, FUMES, AND PARTICLES OF UNDESIRED
- WARNING -

FM-200 CYLINDER

CYLINDER
ASSY. P/N

80983

CHARGED WITH

319

POUNDS OF FM-200

EMPTY WEIGHT

294

POUNDS INCLUDING
ATTACHMENTS

FULL WEIGHT

620.4

POUNDS FM-200 AND NITROGEN
PRESSURIZED TO 360 PSI
(2482 kPa) AT 70°F (21°C).

FILL STATION

PERIODICALLY CHECK GAUGES FOR PRESSURE.
WEIGH CYLINDER AT LEAST EVERY SIX (6) MONTHS.
SEE SERVICE MANUAL FOR DETAILED INSTRUCTIONS.

STORAGE TEMPERATURE: 32°F (0°C) TO 130°F (54°C).
CYLINDER FACTORY TEST PRESSURE: 1000 PSIG (6895 kPa).

FOR SYSTEM DESIGN, USAGE, AND MAINTENANCE,
REFER TO THE INFORMATION AT RIGHT.

CHEMETRON
Fire Systems™

UNIVERSITY PARK, IL 60466

ADDITIONAL INFORMATION - 360 PSI (2482 kPa) FM-200 SYSTEMS
SYSTEM DESIGN REFERENCES

STANDARDS FOR FM-200 FIRE EXTINGUISHING SYSTEMS, NFPA 2001,
CHEMETRON FM-200 OPERATION, DESIGN, AND SERVICE MANUAL,
PART NO. 30000024.

WARNING/DANGER

PERFORM THE FOLLOWING STEPS PRIOR TO
REMOVING THE CYLINDER ASSEMBLY FROM THE RACK.

- 1 - REMOVE ALL OPERATING DEVICES AS FOLLOWS:
 - A) SOLENOID PILOT VALVE.
 - B) MANUAL PNEUMATIC ACTUATOR.
 - C) BRAIDED HOSES.
- 2 - REMOVE DISCHARGE PIPING.
- 3 - ATTACH VALVE OUTLET CAP.

OPERATION/INSTALLATION INSTRUCTIONS

PRIOR TO INSTALLATION, REFER TO CHEMETRON FM-200 OPERATION,
DESIGN, AND SERVICE MANUAL FOR MORE DETAILED INFORMATION.
DO NOT CONNECT ANY ACTUATING DEVICES UNTIL CYLINDER IS PROPERLY
SECURED IN THE RACK AND DISCHARGE CONNECTION IS SECURED TO
THE PIPING SYSTEM.

INSPECTION INSTRUCTIONS

THE CYLINDERS SHOULD BE INSPECTED MONTHLY OR MORE
FREQUENTLY WHEN CIRCUMSTANCES REQUIRE.
PIPING AND NOZZLES SHOULD BE EXAMINED TO DETERMINE THAT
THEY ARE UNOBSTRUCTED.
THE CYLINDERS SHOULD BE RECHARGED IF LOSS IN WEIGHT
EXCEEDS 5 PERCENT OF THE CHARGE WEIGHT.
THE CYLINDERS SHOULD BE RECHARGED IF LOSS IN PRESSURE
ADJUSTED FOR TEMPERATURE, EXCEEDS 10 PERCENT OF THE
NORMAL CHARGE PRESSURE.
IF CYLINDER/VALVE ASSEMBLY IS PROVIDED WITH A LIQUID LEVEL
LOCATOR, REFER TO THE CHEMETRON FM-200 OPERATION, DESIGN
AND SERVICE MANUAL FOR INSTRUCTIONS.

- WARNING -

THE CONCENTRATED AGENT, WHEN APPLIED TO A FIRE,
CAN PRODUCE TOXIC BY-PRODUCTS. AVOID EXPOSURE
TO VAPORS, FUMES, AND PRODUCTS OF COMBUSTION.

H-TEST TO

CK5

H-TEST DATE

08.2019

AGENT TYPE

FM200

FILL DATE

08.2019

SERIAL NO

352780

AGENT

422.0 lbs.

WEIGHT EMPTY

360.3 lbs

WEIGHT FULL

792.1 lbs.

DATE	WEIGHT	INSPECTION RECORD PRESSURE	INSPECTED BY	REMARKS



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