



GUAM POWER AUTHORITY

ATURIDÂT ILEKTRESEDÂT GUÅHAN
P.O.BOX 2977 • HAGÂTÑA, 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.

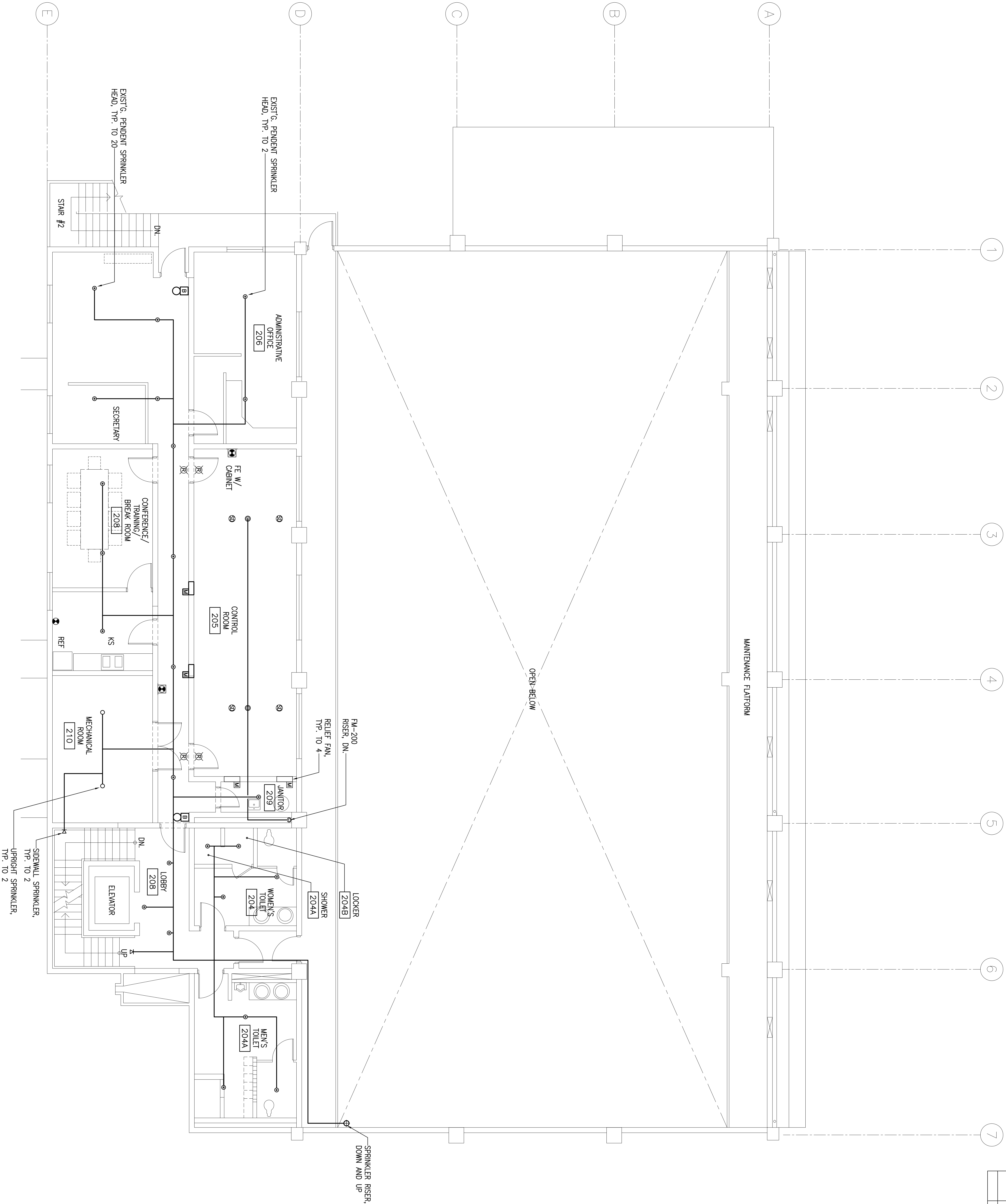
ANSWER:

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 - SECOND FLOOR

3/16"=1'-0"

GRAPHIC SCALE



BME & SONS INC.

GENERAL CONTRACTOR & EQUIPMENT RENTAL

1000 W. HAWAIIAN BLVD. SUITE 100, HONOLULU, HI 96813

TEL: (808) 551-1111 FAX: (808) 551-1112

WWW.BMEANDSONS.COM

1000 W. HAWAIIAN BLVD. SUITE 100, HONOLULU, HI 96813

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TEL: (808) 551-1111 FAX: (808) 551-1112

WWW.BMEANDSONS.COM

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

			
DRAWING NO.	FP7.2	UPGRADE OF FIRE PROTECTION AND SMOKE ALARM SYSTEMS AT TENUO VISTA DIESEL POWER PLANT	
DESIGNED			
DRAWN			
CHECKED			
DESIGNED & DRAWN BY			
DATE		DATE	
JOHN G. AGOSTA, P.E.		JOHN G. AGOSTA, P.E.	

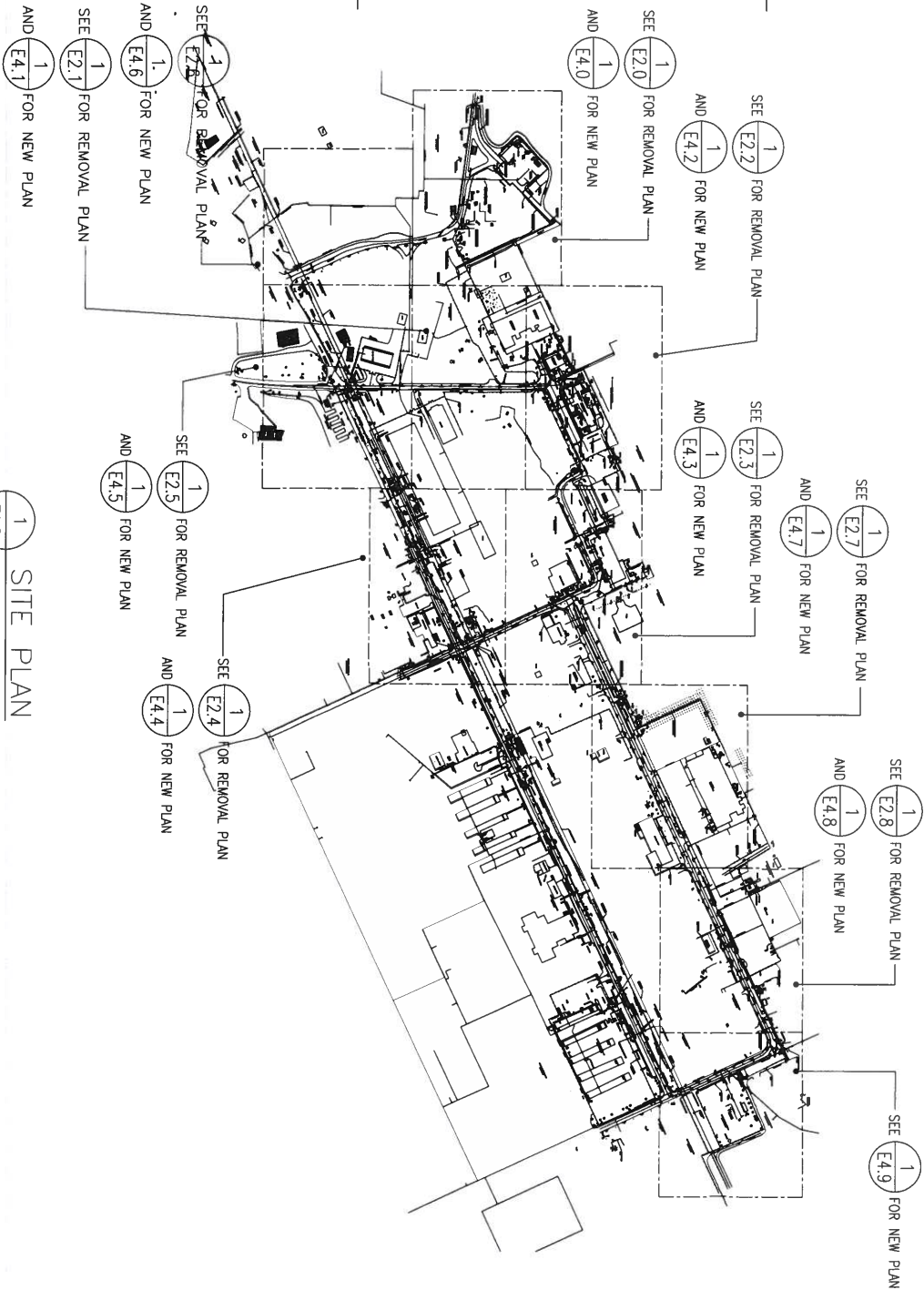
AS BUILT

PREPARED AND SUBMITTED BY:















































































NAME / POSITION
M.D. CRISOSTOMO, INC.

CONTRACTOR NAME

DATE



1 SITE PLAN
E1.0 SCALE: 1"=400'-0"

ELECTRICAL SYMBOL LIST		
EXISTING	NEW	DESCRIPTION
		POWER POLE. WPP INDICATES WOOD POLE / GPP INDICATES CONCRETE POLE
		PRIMARY MANHOLE. SEE E5.0
		UNDERGROUND PRIMARY
		OVERHEAD PRIMARY LINE DEAD END CONFIGURATION 3P-INDICATES 3 PHASE. 13.8 INDICATES 13.8 KV
		OVERHEAD PRIMARY LINE TANGENT CONFIGURATION 3P-INDICATES 3 PHASE. 13.8 INDICATES 13.8 KV
		OVERHEAD SECONDARY CONDUCTORS
		OVERHEAD STREETLIGHT CONDUCTORS
		OVERHEAD STATIC GROUND CONDUCTOR
		GUY WIRE
		CABLE TV OVERHEAD CABLE
		OVERHEAD SERVICE DROP
		POLE MOUNTED TRANSFORMER, 1 PHASE/BANK OF 3-1 PHASE TRANSFORMER CONNECTED FOR 3-PHASE OPERATION
		KWHR-METER
		CT CABINET
		CIRCUIT BREAKER
		PAD MOUNTED TRANSFORMER
		PAD MOUNTED PRIMARY SWITCH WITH OMU ENCLOSURE
		FIRE EXTINGUISHING SYSTEM, ABORT SWITCH, WALL MOUNTED
		FIRE EXTINGUISHING SYSTEM, PULL STATION, WALL MOUNTED
		BELL, PRE-DISCHARGE ALARM, WALL MOUNTED
		FIRE EXTINGUISHING WARNING LIGHT, WALL MOUNTED
		FIRE EXTINGUISHING SYSTEM, PRE-DISCHARGE AUDIO/VISUAL ALARM, WALL MOUNTED
		HATCHMARKS DENOTES REMOVAL
		VOLTMETER
		AMMETER
		KILOWATT METER
		KWHR KILOWATT HOUR METER
		MFR MULTIFUNCTION RELAY
		REVERSE PHASE
		INSTANTANEOUS OVERCURRENT
		AC TIME OVERCURRENT
		SON (SUFFIX LETTER "N" DENOTES DEVICE CONNECTED IN NEUTRAL LINE)
		51N (SUFFIX LETTER "N" DENOTES DEVICE CONNECTED IN NEUTRAL LINE)
		79 AC RECLOSING RELAY
		32 DIRECTIONAL POWER RELAY
		NOTE INDICATOR
		CABLE AND CONDUIT INDICATOR
		INDICATOR, DETAIL: TOP HALF-DETAIL NUMBER
		1 E1.0 INDICATOR, DETAIL: BOTTOM HALF-SHEET NUMBER

ABBREVIATIONS	
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CLF	CURRENT LIMITING FUSE
ECB	ENCLOSED CIRCUIT BREAKER
FCO	FUSE CUT OUT
GND	GROUND
GPA	GUAM POWER AUTHORITY
GAA	GUAM INTERNATIONAL AIRPORT AUTHORITY
HH	HANDHOLE
HV	HIGH VOLTAGE
MH	MANHOLE
KVA	KILOVOLT AMPERES

ABBREVIATIONS (CONT.)	
KW	KILOWATT
LA	LIGHTNING ARRESTER
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
PRIM.	PRIMARY
SEC.	SECONDARY
SD	SERVICE DROP
SL	STREET LIGHTS
UG	UNDERGROUND
WP	WEATHERPROOF
XLP	CROSS-LINKED POLYETHYLENE
PB	PULBOX

REVISIONS

No.	Description	Date
AS - BUILT		6/11/08


MD CRISOSTOMO INC.

P.O. BOX 6918 TAMMUNU, GUAM

96901 USA

TEL: (671) 637-44-33 / 2005

FAX: (671) 633-33-34



Project

UTILITY POWER HARDENING FOR CRITICAL AIRPORT FACILITIES

GAA PROJ. NO. : GAA-F705-06-5
HWP ITEM-146-BR-04, PROJECT No. 21

Title

GENERAL NOTES, SITE PLAN, ELECTR. SYMBOL LIST, & ABBREVIATIONS

As-Built: PST

Checked: AMM

Supv: AMMRPL

Scale: AS NOTED

Date:

Drawing No. E1.0

Sheet No. 33

Project No.

REVISIONS		
No.	Description	Date
AS - BUILT		6/11/08



M.D. CRISTOSTOMO, INC.
P.O. BOX 8918 TAYLOR, TEXAS 77781
TEL: (281) 811-4444 / 2885
FAX: (281) 811-4444

Project

UTILITY POWER HARDENING FOR CRITICAL AIRPORT FACILITIES

Title

SINGLE LINE DIAGRAM OF ELECTRICAL NEW PLAN

As-Built:	PST
Checked:	AMM
Supv:	AMMRPL
Scale:	AS SHOWN
Date:	07-07-08
Drawing No.	Sheet No.
E1.01	34

Project No.

- NOTES:
- SEE COMPLETE DIAGRAM ON SWITCHGEAR SHOP DRAWING SUBMITTAL.
 - EXISTING PAD-MOUNTED TRANSFORMER
 - ALL BREAKERS AND SWITCHES ARE NORMALLY CLOSED UNLESS OTHERWISE NOTED.
 - LOAD BREAK, 4 POINT JUNCTION, 200A, 15KV WITH STAINLESS STEEL MOUNTING BRACKET AND PARKING STAND.
 - LOAD BREAK, 3 POINT JUNCTION, 200A, 15KV WITH STAINLESS STEEL MOUNTING BRACKET AND PARKING STAND.
 - IN LINE SPRING, 15KV.
 - 1-4" CONDUIT WITH 3-1/4" #2 TRAP COPPER TAPE SHIELD, 15KV, 133% INSULATION, 1-6" SPARE.
 - 2-4" CONDUIT STUDS WITH COPS, 5-0" FROM SWITCH ENCLOSURE.
 - 2-COMPLETE LOOP OF CABLE FOR EACH CIRCUIT WITHIN MANHOLE.
 - 1-COMPLETE LOOP OF CABLE WITHIN MANHOLES.
 - EMPTY CONDUIT STUB-OUTS WITH CAP AND MARKER. SEE PLAN FOR SIZES AND LOCATION OF STUBS.
 - THREE-PHASE FAULT INDICATOR IN EVERY NEW PRIMARY MANHOLE/HANDHOLE. SCHWITZER MANUFACTURING CO. MODEL SEL 31P33 SERIES FOR MANHOLES/HANDHOLES WITH SPICES AND MODEL SEL 30C33 SERIES FOR MANHOLES WITH NO SPICES.
 - 2-6" CONDUITS
 - 2-6" CONDUITS WITH 3-1/4" 500 KCIL TRAP COPPER TAPE SHIELD, 15KV, 133% INSULATION, 1-6" SPARE.
 - 1-6" CONDUIT WITH 3-1/4" 500 KCIL TRAP COPPER TAPE SHIELD, 15KV, 133% INSULATION, 1-6" SPARE.

- OPERATING SEQUENCE PROVIDE ELECTRICAL INTERLOCKS TO MEET THE OPERATING CONDITION AS FOLLOWS.
- I. INCOMING SERVICE:

- A. NORMAL CONDITION - POWER AVAILABLE AT BOTH CIRCUITS.
 - B. BUS TIE BREAKER (A3) OPEN POSITION.
- B. CIRCUIT NO. 1 - POWER OUTAGE:

- BREAKER #1 TO OPEN.
 - BUS TIE BREAKER #3 TO CLOSE.
- C. CIRCUIT NO. 2 - POWER OUTAGE:

- BREAKER #2 TO OPEN.
 - BUS TIE BREAKER #3 TO CLOSE.
- D. RETURN OF POWER AT EITHER CIRCUIT:

- RETRIEVE BREAKER AT EITHER CIRCUIT.
 - MAIN BREAKER TO CLOSE.
- II. DISTRIBUTION FEEDERS:

A. NORMAL CONDITION:

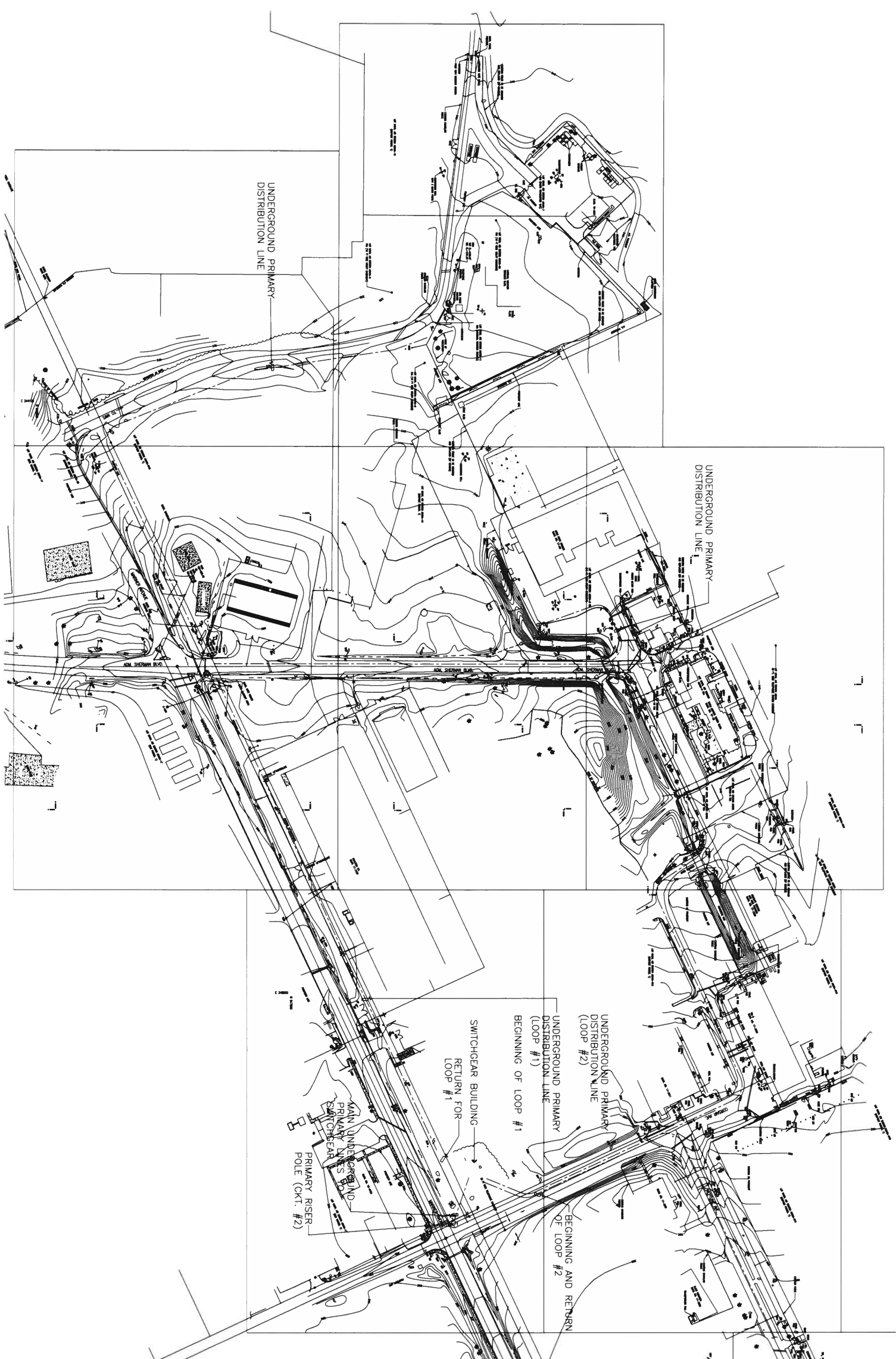
- ALL CIRCUIT BREAKERS - CLOSED POSITION.
 - PAD MOUNTED SWITCHES CLOSED EXCEPT ONE PER LOOP TO BREAK THE LOOP.
- B. FAULT UNDERGROUND FEEDERS:

- ISOLATE FAULT BY OPENING THE PAD MOUNTED SWITCHES AND BY OPENING THE CIRCUIT BREAKER AT THE FEEDER.
 - CLOSE ALL OTHER SWITCHES TO ENERGIZE UNDETECTED FEEDERS.
- III. PROTECTIVE FEEDERS:


A. NORMAL CONDITION:

- ALL CIRCUIT BREAKERS - CLOSED POSITION.
 - MAIN BREAKERS AND FEEDER BREAKERS SHALL BE PROVIDED WITH REVERSE POWER RELAYS.
-
- 1 ONE LINE DIAGRAM

E1.1 SCALE: NOT TO SCALE
- Project No.



REVISIONS		
No.	Description	Date
AS - BUILT		6/11/08



M.D. CRISOSTOMO INC.
P.O. BOX 8016 TAILORING, GUAM
96901 USA
TEL: (671) 837-44-33 / 2045
FAX: (671) 833-33-34

Project UTILITY POWER HARDENING FOR CRITICAL AIRPORT FACILITIES	
Title UNDERGROUND PRIMARY ROUTING PLAN (2 OF 2)	
As-Built:	PST
Checked:	AMM
Supv:	AMMRPL
Scale:	AS NOTED
Date:	
Drawing No.	Sheet No.
E3.1	38
Project No. _____	

AS BUILT

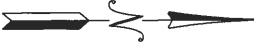
PREPARED AND SUBMITTED BY:

NAME / POSITION

M.D. CRISOSTOMO, INC.

CONTRACTOR NAME

DATE



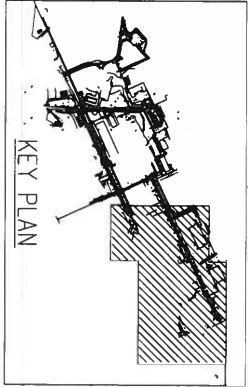
GRAPHIC SCALE:
120' 0' 120' 240'
SCALE: 1"=120'-0"

NOTE:
◇ DRAWING SHOWS OVERALL ROUTING PLAN. SEE ENLARGED
PLANS ON SHEET E4.0 SERIES FOR EXACT ROUTING
SCHEME.

◇

1 UNDERGROUND PRIMARY ROUTING PLAN (2 OF 2)


E3.1 SCALE: 1"=120'-0"



SEE MATCH LINE SHEET E3.0.

UNDERGROUND PRIMARY
DISTRIBUTION LINE
(LOOP #2)

REVISIONS		
No.	Description	Date
AS - BUILT		6/11/08



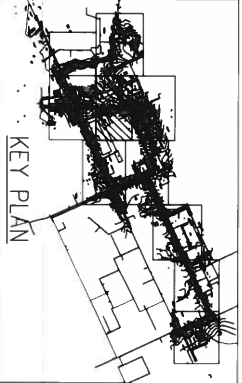
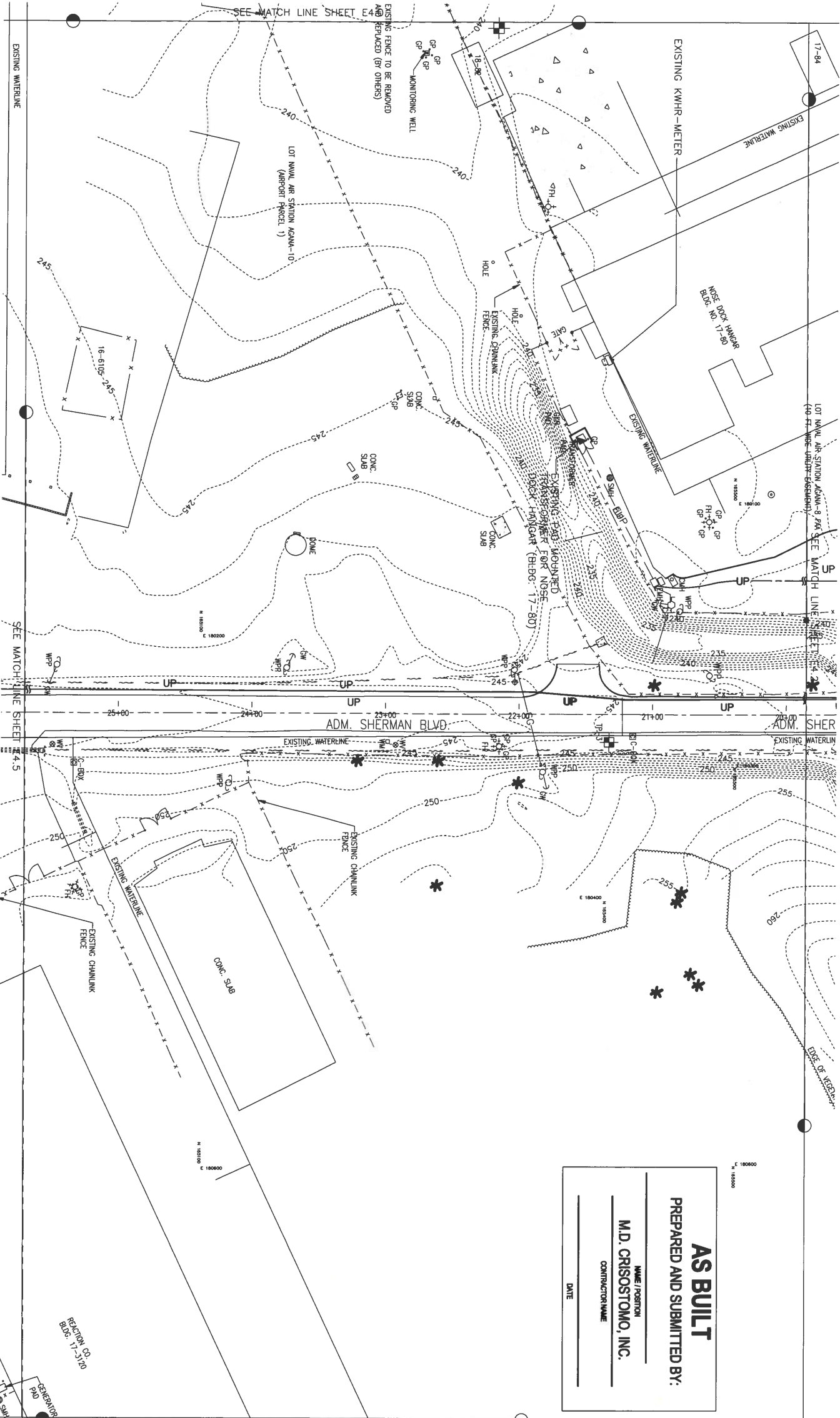
M.D. CRISOSTOMO, INC.
P.O. BOX 6916 TAMMENO, GUAM
96911 USA
TEL: (671) 877-4431 / 2003
FAC: (671) 655-5546

Project
UTILITY POWER HARDENING
FOR CRITICAL AIRPORT
FACILITIES

Title
ELECTRICAL NEW PLAN
(2 OF 10)

Client
GIAA PROJ. NO. : GAA-F705-06-5;
HMP FEM-146-0R-01, PROJECT No. 21

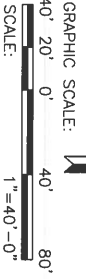
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Supv:	AMMRPL
Scale:	AS SHOWN
Date:	07-07-08
Drawing No.	Sheet No.
E4.1	40
Project No.	



1 ELECTRICAL NEW PLAN (2 OF 10)

E4.1 SCALE: 1"=40'-0"

SEE NOTES ON SHEET E4.0.



AS BUILT

PREPARED AND SUBMITTED BY:

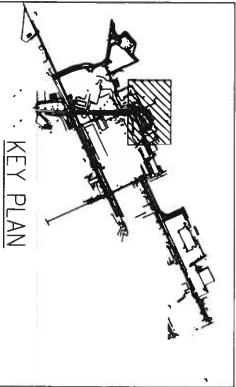
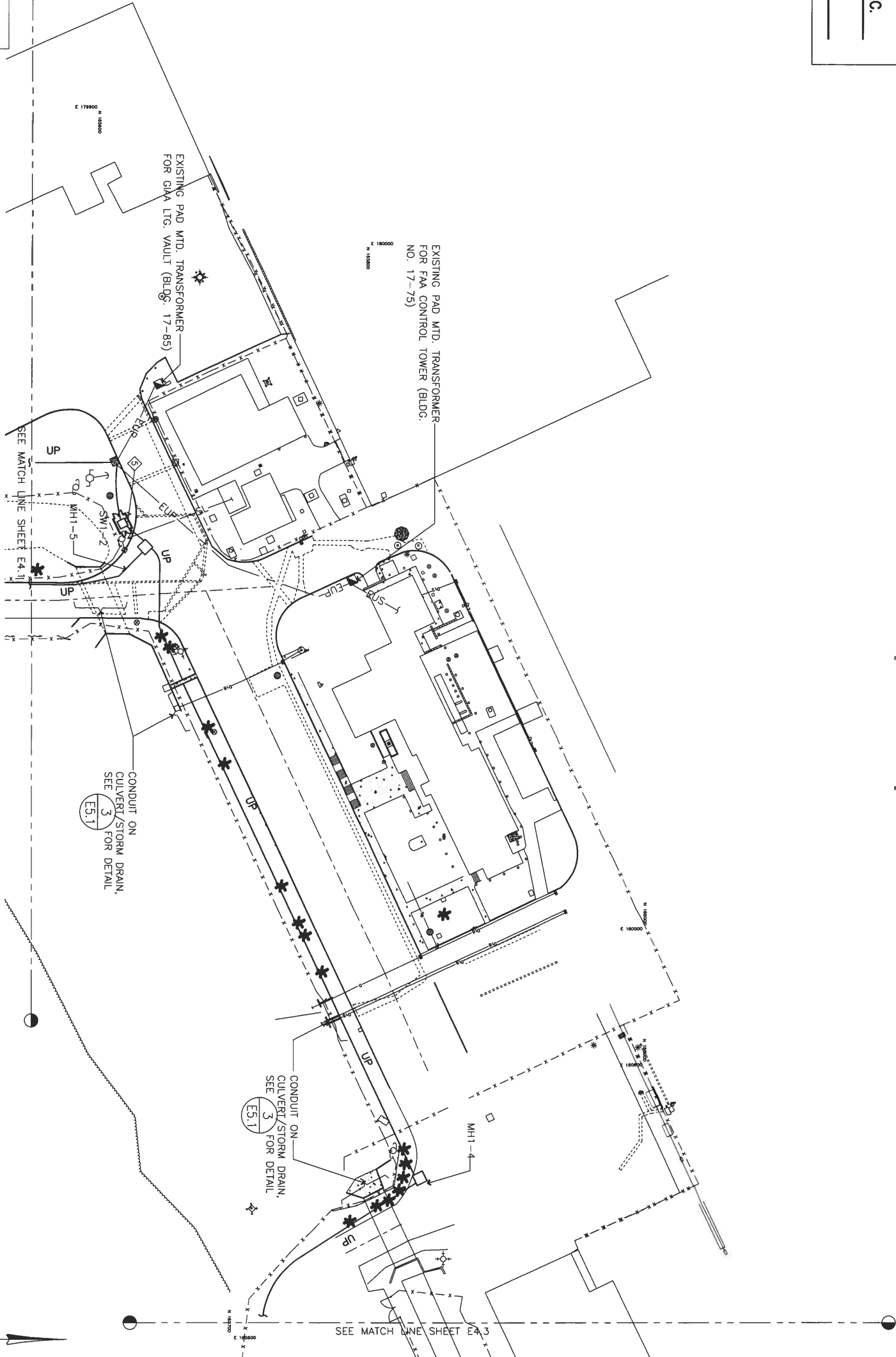
NAME / POSITION

M.D. CRISOSTOMO, INC.

CONTRACTOR NAME

DATE

N 184200
E 180300
E 180400
N 184200



SEE NOTES ON SHEET E4.0

1 ELECTRICAL NEW PLAN (3 OF 10)
SCALE: 1"=40'-0"

GRAPHIC SCALE:
40' 20' 0'
SCALE: 1"=40'-0"


REVISIONS		
No.	Description	Date
AS	- BUILT	6/11/08



M.D. CRISOSTOMO INC.
P.O. BOX 1803
BOSTON, MA 02114
TEL: (617) 827-44-83 / 2885
FAX: (617) 828-33-34

Project	UTILITY POWER HARDENING FOR CRITICAL AIRPORT FACILITIES		
Title	GMA PROJ. NO. : GMA-F705-06-5; HMPG FEAS-146-06-01, PROJECT No. 21		
	ELECTRICAL NEW PLAN (3 OF 10)		
As-Built:	PST		
Checked:	AMM		
Supv:	AMMRPL		
Scale:	AS SHOWN		
Date:	07-07-08		
Drawing No.	E4.2		Sheet No.
	41		
Project No.			

REVISIONS		
No.	Description	Date
AS - BUILT		6/1/08



MD INC.
M.D. CRISTOSTOMO INC.
P.O. BOX 60000, QUAIL
SPRINGS, GA 30158
TEL: (877) 677-4433 / 2000
FAX: (877) 655-3344

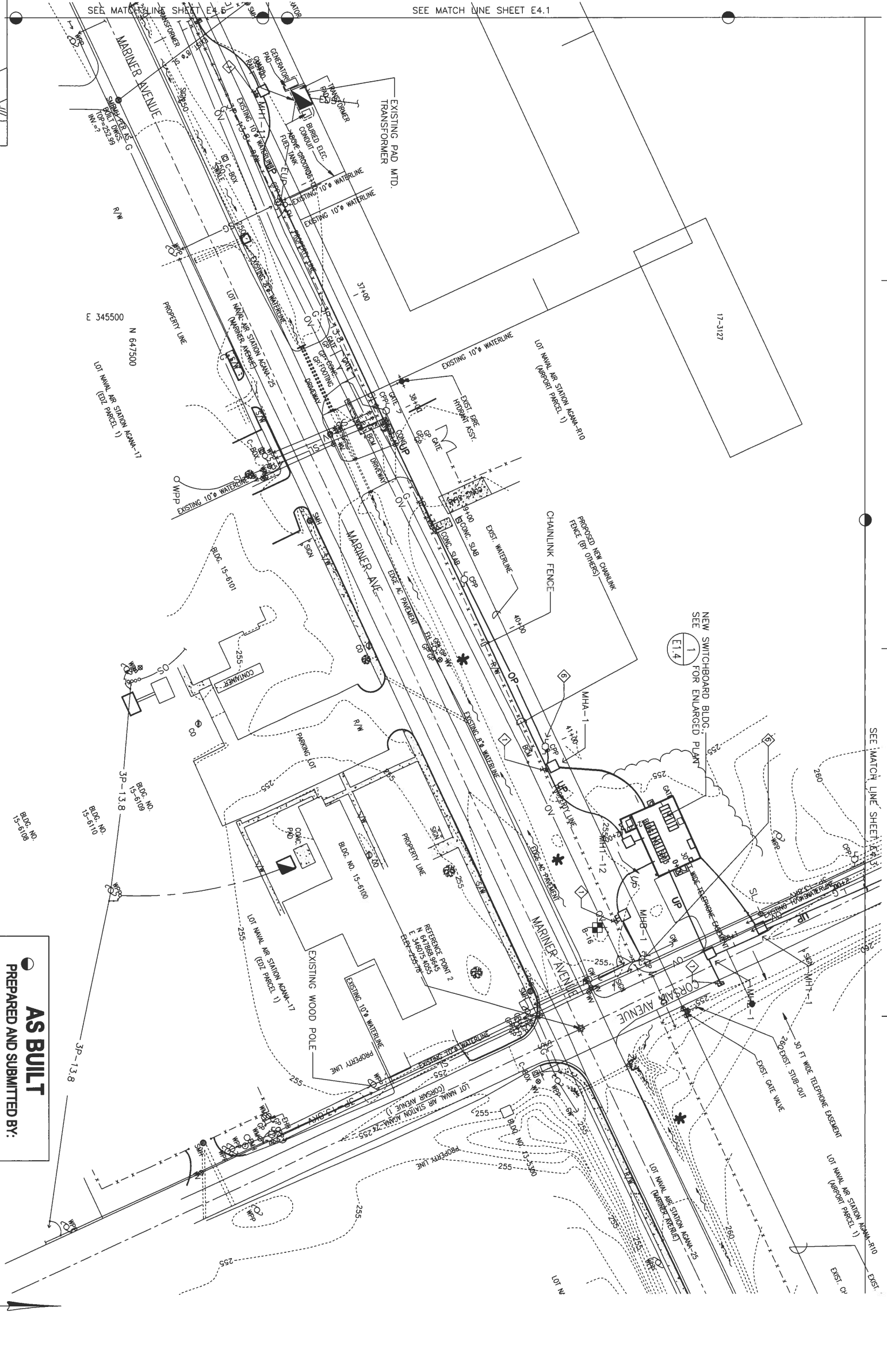
Project
UTILITY POWER HARDENING
FOR CRITICAL AIRPORT
FACILITIES

GMA PROJ. NO. : GMA-FY05-06-5;
HMP ERM-146-06-01, PROJECT No. 21

Title
ELECTRICAL NEW PLAN
(3 OF 10)

As-Built:	PST
Checked:	AMM
Supv:	AMMRPL
Scale:	AS SHOWN
Date:	07-07-08
Drawing No.	Sheet No.

E4.4	43
Project No. _____	



1 ELECTRICAL NEW PLAN (5 OF 10)

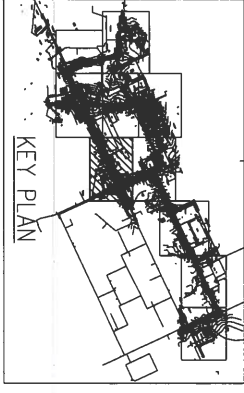
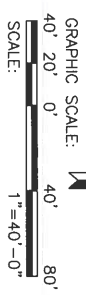
SCALE: 1"=40'-0"

SEE NOTE ON SHEET E4.0

AS BUILT
PREPARED AND SUBMITTED BY:

NAME / POSITION
M.D. CRISTOSTOMO, INC.

CONTRACTOR NAME
DATE



AS BUILT

PREPARED AND SUBMITTED BY:

NAME / FIRM

M.D. CRISOSTOMO, INC.

CONTRACTOR NAME

DATE

REVISIONS		
No.	Description	Date
	AS - BUILT	6/11/08

MD

INC.

M.D. CRISOSTOMO INC.
P.O. BOX 8916 TAYLORSVILLE, OHIO 43081-8916
TEL: (671) 637-44-51 / 2385
FAX: (671) 633-33-34

Project

UTILITY POWER HARDENING
FOR CRITICAL AIRPORT
FACILITIES

GMA PROJ. NO. : GMA-PT05-06-5;
HMP FIRM-146-0K-01, PROJECT NO. 21

Title

ELECTRICAL NEW PLAN
(7 OF 10)

As-Built: PST

Checked: AMM

Supv: AMMRPL

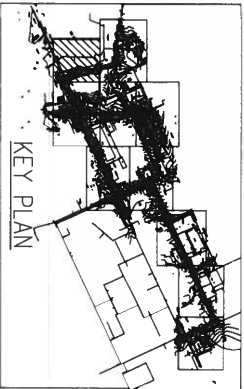
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Date: 07-07-08

Drawing No. E4.6

Sheet No. 45

Project No.

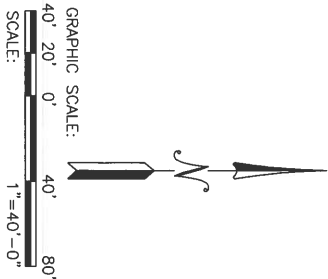


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ELECTRICAL NEW PLAN (7 OF 10)

E4.6

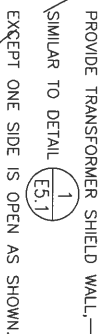
SCALE: 1"=40'-0"



PREPARED AND SUBMITTED BY:

M.D. CRISOSTOMO, INC.

DATE _____



SEE NOTE ON SHEET E4.0

GRAPHIC SCALE:

40' 20' 0' 40' 80'

SCALE: 1"=40'-0"

REVISIONS		
No.	Description	Date
	AS - BUILT	6/11/08



M.D. CROSBOTTOM INC.
P.O. BOX 9018 TAMUWEG, CULLEN
98501 USA
TEL: (871) 637-44-53 / 2665
FAX: (871) 632-53-54

UTILITY POWER HARDENING FOR CRITICAL AIRPORT

GIAA PROJ. NO. : GIAA-FY05-06-5;
HMGP FEMA-1446-DR-CU, PROJECT No. 21

ELECTRICAL NEW PLAN
(8 OF 10)

Checked: **AMM**

Checked. **AMM**

Supv: **AMMRPL**

Scale: AS SHOWN

Date: 07-07-08

Drawing No.	Sheet No.
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E4.7

46

Project No.

AS BUILT

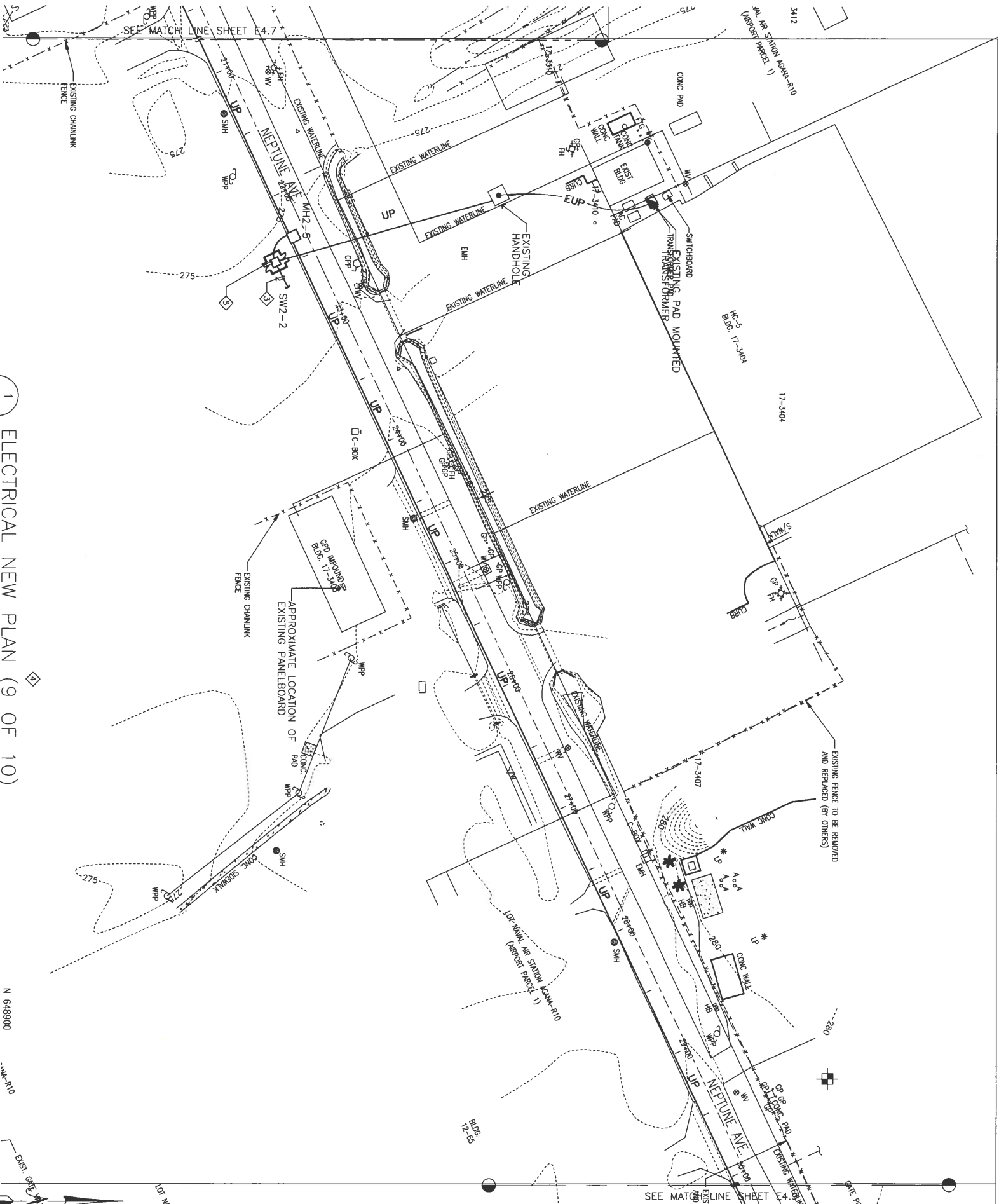
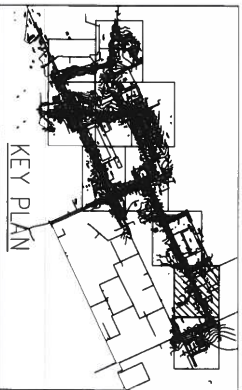
PREPARED AND SUBMITTED BY:

NAME / POSITION

M.D. CRISOSTOMO, INC.

CONTRACTOR NAME

DATE



1 ELECTRICAL NEW PLAN (9 OF 10)
E4.8 SCALE: 1"=40'-0"

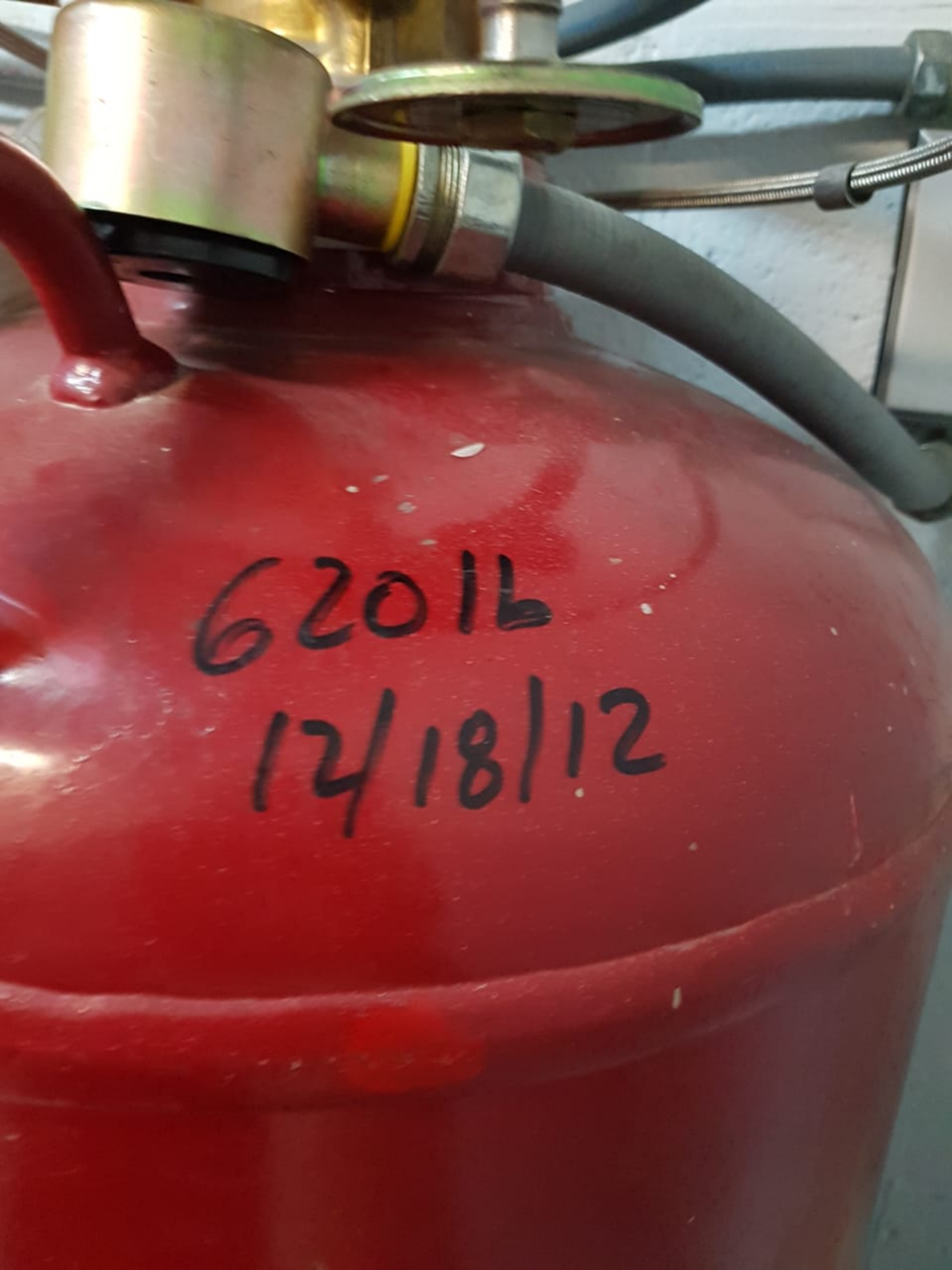
GRAPHIC SCALE:
40' 20' 0'
SCALE: 1"=40'-0"

REVISIONS		
No.	Description	Date
AS - BUILT		6/11/08

M.D. CRISOSTOMO INC.
P.O. BOX 8818 TAILORING, GUAM
GUAM 96914
TEL: (671) 853-1444 / 2885
FAX: (671) 853-3534

Project	UTILITY POWER HARDENING FOR CRITICAL AIRPORT FACILITIES		
Title	GMAA PROJ. NO. : GMAA-PT05-05-5; HMP FDM-146-0R-01, PROJECT No. 21		
ELECTRICAL NEW PLAN (9 OF 10)			
As-Built:	PST		
Checked:	AMM		
Supv:	AMMRPL		
Scale:	AS SHOWN		
Date:	07-07-08		
Drawing No.	E4.8		Sheet No.
		47	
Project No.			





62012

12/18/12

FM-200 CYLINDER

CYLINDER
ASSY. PIN

480983

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, DE
PART NO. 300000224.

WARNING

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 UNTIL THE
SECURED IN THE RACK AND DISCHARGE CONNECTED
THE PIPING SYSTEM.

INSPECTION INSTRUCTIONS
THE CYLINDERS SHOULD BE INSPECTED WORKING
FREQUENTLY WHEN CIRCUMSTANCES REQUIRE.
PIPING AND NOZZLES SHOULD BE EXAMINED TO DETERMINE
THEY ARE UNOBSTRUCTED.

THE CYLINDERS SHOULD BE RECHARGED IF LEAKAGE
EXCEEDS 3 PERCENT OF THE CHARGE WEIGHT.
THE CYLINDERS SHOULD BE RECHARGED IF LEAKAGE
ADJUSTED FOR TEMPERATURE.
NORMAL CHARGE PRESSURE
IF CYLINDER VALVE ASSEMBLY IS PLACED WITH A LEAK
LOCATOR REFER TO THE CHEMETRON FM-200 OPERATION
AND SERVICE MANUAL FOR INSTRUCTIONS.

THE CONCENTRATED AGENT WHEN RELEASED
CAN PRODUCE TOXIC BY-PRODUCTS. AVOID CONTACT
TO VAPORS, FLAMES, AND PHOSPHORUS.

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FILL STATION

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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.

INSPECTION RECORD

DATE

WEIGHT

PRESSURE

INSPECTED BY

REMARKS

