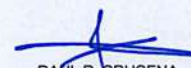


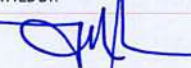
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	JCMC
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD-ADMS

SUBMITTED BY:

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RECOMMENDED APPROVAL:

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 ADG II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
 Director General

APPROVED:

ATTY. ROBERTO C.O. LIM
 Undersecretary for Aviation and Airports

NOTES/REVISIONS:
 1

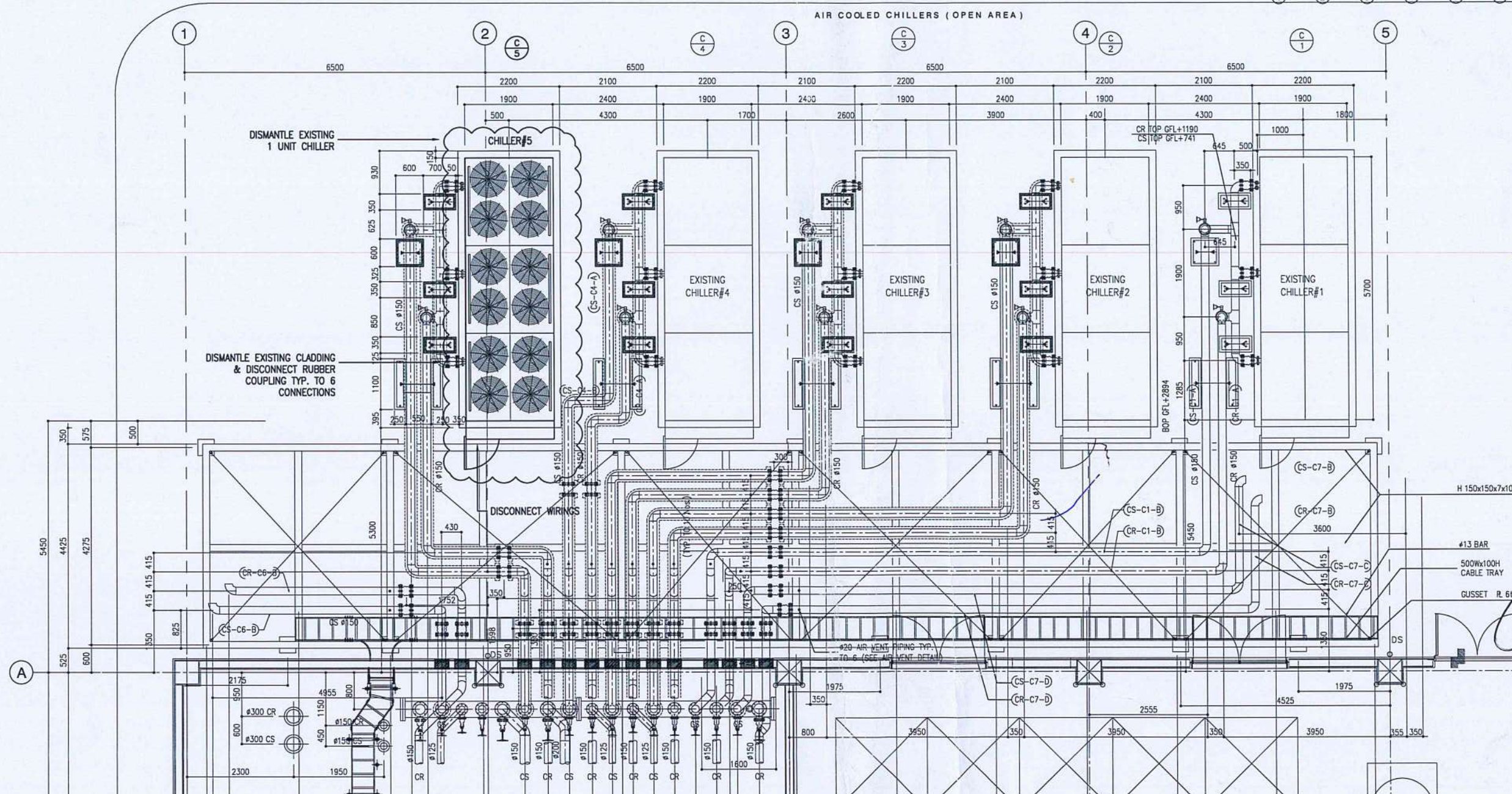
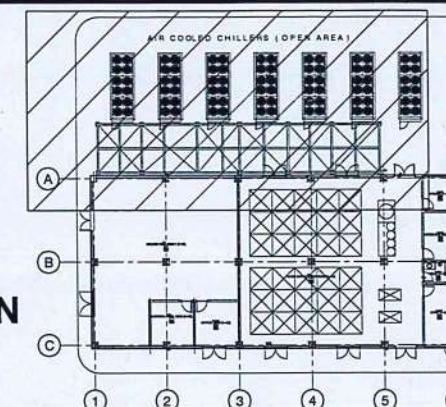
PROJECT:
ILOILO INTERNATIONAL AIRPORT DEVELOPMENT PROJECT
 (Rehabilitation/Improvement of Passenger Terminal Building - Supply, Installation and Commissioning of Three (3) Units 600 KW Chiller)

LOCATION:
ILOILO INTERNATIONAL AIRPORT
CABATUAN, ILOILO

SHEET CONTENTS:
 CHILLER DEMOLITION PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 01
	01 05

KEY PLAN

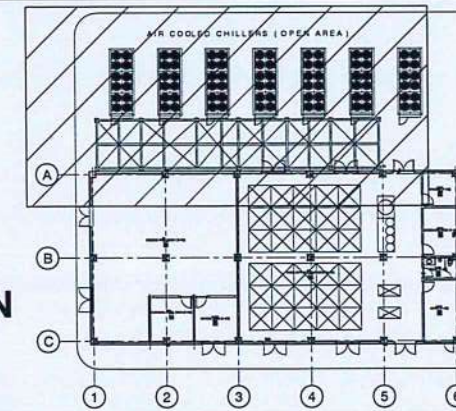


1 CHILLER DEMOLITION PLAN
 M-01/M-01 SCALE: 1 : 100 M

AIR-COOLED WATER CHILLER

MARK	QTY.	LOCATION	COOLING LOAD/UNIT KW (TR)	ELECTRICAL DATA			REMARKS
				V	PH	HZ	
C #	3	AIR-COOLED CHILLER OPEN AREA	600 (170.6)	440-460	3	60	SCREW-TYPE AIR-COOLED WATER CHILLER WITH R-407C REFRIGERANT. SHOULD BE BMS-READY.

KEY PLAN



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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

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DRAWN BY: JCMC
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Director General

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Undersecretary for Aviation and Airports

NOTES/REVISIONS:

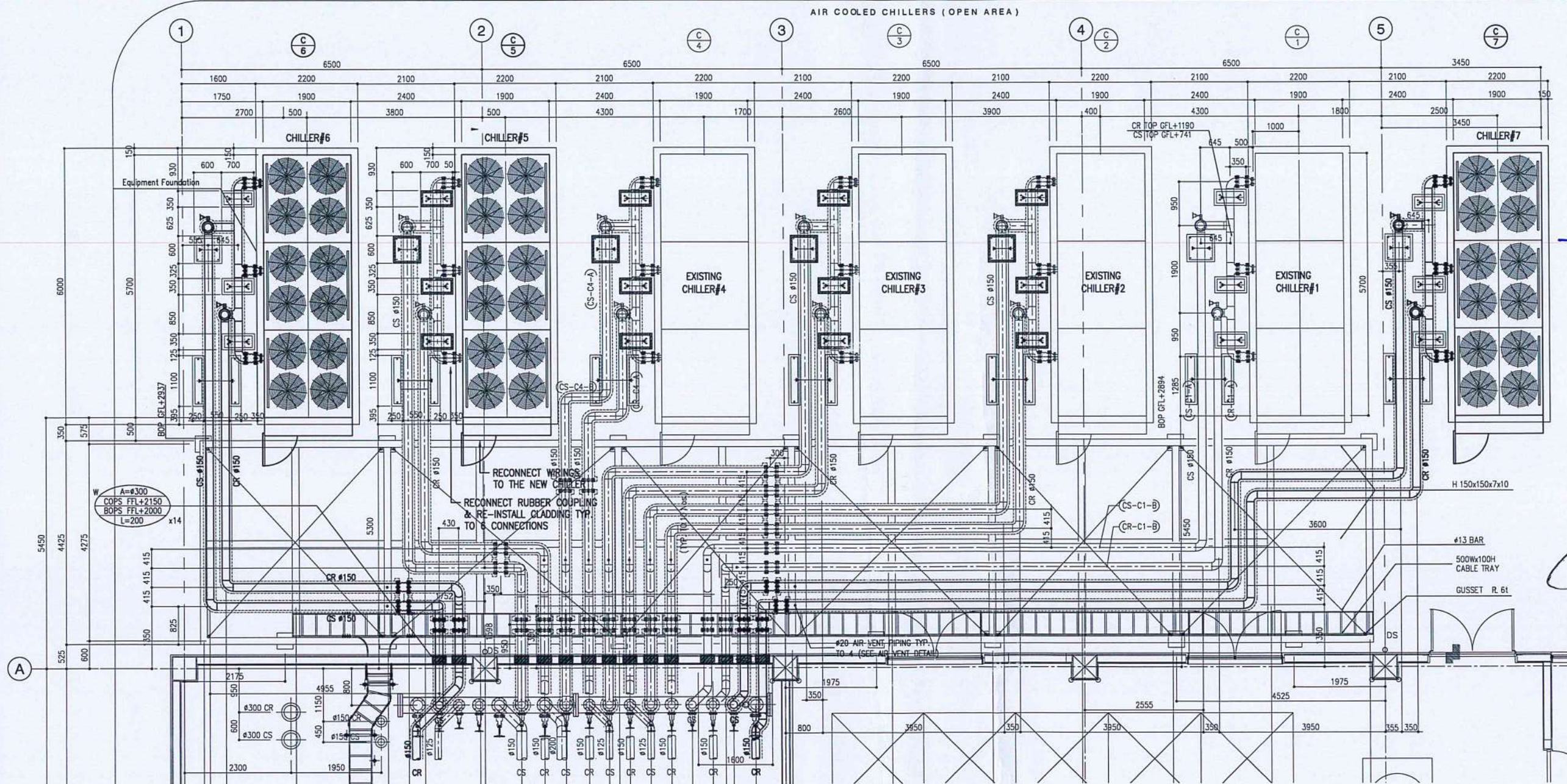
PROJECT:
ILOILO INTERNATIONAL
AIRPORT DEVELOPMENT
PROJECT
(Rehabilitation/Improvement of
Passenger Terminal Building - Supply,
Installation and Commissioning of Three
(3) Units 600 KW Chiller)

LOCATION:
ILOILO INTERNATIONAL
AIRPORT
CABATUAN, ILOILO

SHEET CONTENTS:

CHILLER & PIPING LAYOUT

DRAWING SCALE: AS SHOWN
SHEET NO: M - 02
02 05



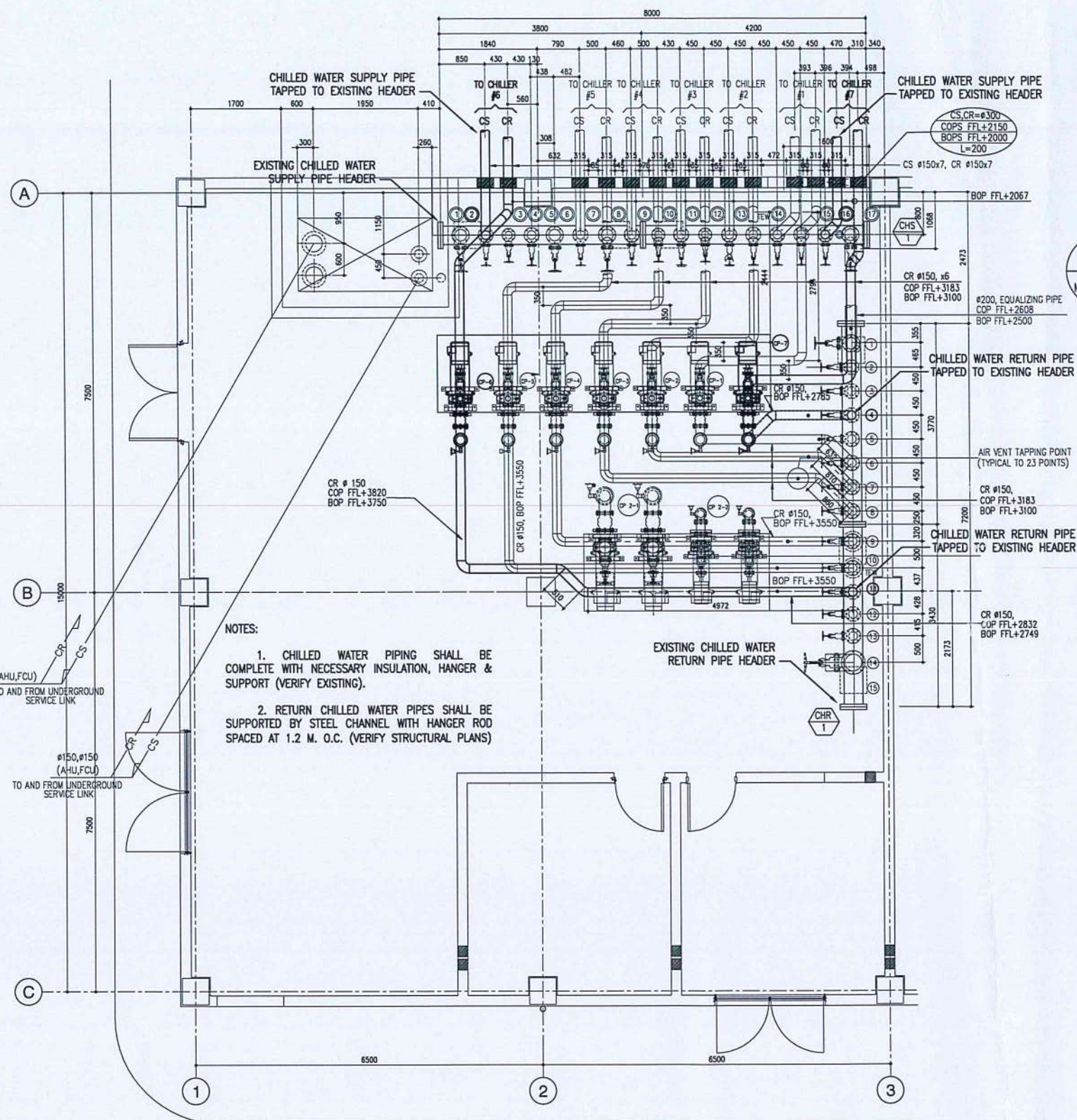
1 CHILLER & PIPING LAYOUT

M-02M-02 SCALE:

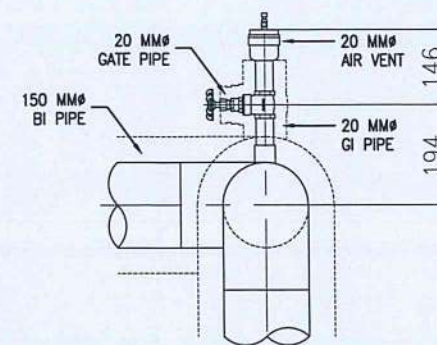
1 : 100 M

NOTE:

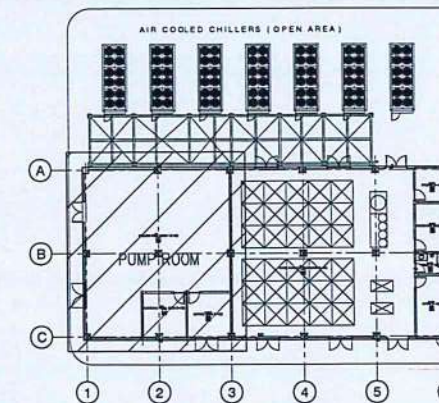
CHILLED WATER PIPING SHALL BE COMPLETE WITH NECESSARY INSULATION, CLADDING & SUPPORT (VERIFY EXISTING).



1 CHILLED WATER PUMP & PIPING LAYOUT
SCALE: 1 : 100 M



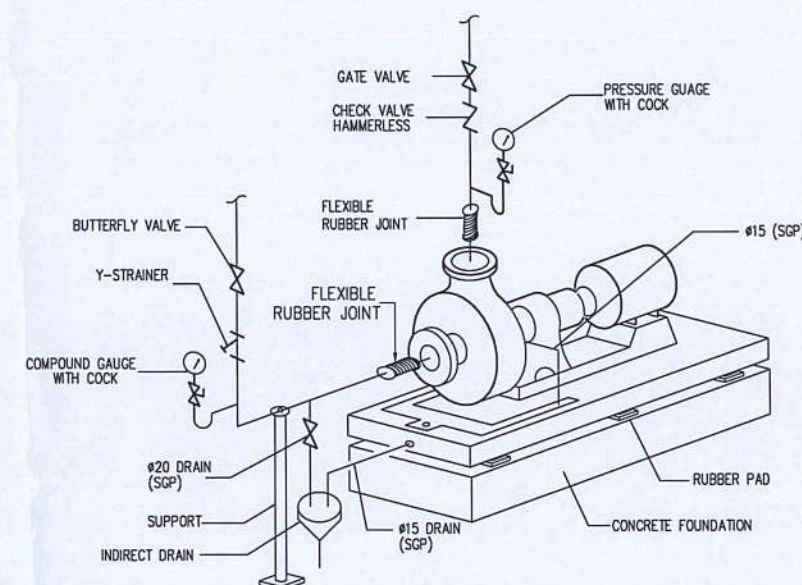
2 AIR VENT DETAIL
SCALE: NTS



KEY PLAN

PRIMARY CHILLED WATER PUMP

MARK	QTY.	LOCATION	CAPACITY M ³ /MIN	HEAD M	RPM	MOTOR OUTPUT KW	ELECTRICAL DATA			REMARKS
							V	PH	HZ	
CP-#	2	PUMP ROOM	1.72	20	1750	11	440-460	3	60	CENTRIFUGAL TYPE, PRIMARY CHILLED WATER PUMP WITH COMPLETE ACCESSORIES & SUPPORT.



3 CHILLED WATER PUMP DETAIL
SCALE: NTS

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE
DESIGNED BY: IDDD
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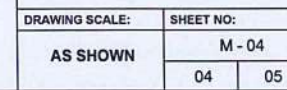
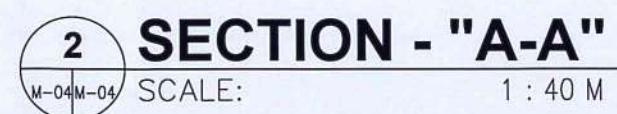
APPROVED:
ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports
NOTES/REVISIONS:

PROJECT:
ILOILO INTERNATIONAL AIRPORT DEVELOPMENT PROJECT
(Rehabilitation/Improvement of Passenger Terminal Building - Supply, Installation and Commissioning of Three (3) Units 600 KW Chiller)

LOCATION:
**ILOILO INTERNATIONAL AIRPORT
CABATUAN, ILOILO**

SHEET CONTENTS:
AS SHOWN

DRAWING SCALE: SHEET NO:
AS SHOWN M - 03
03 05



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
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DRAWN BY:	JCMC
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REVIEWED BY:



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Director General

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ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

NOTES/REVISIONS:

-
-
-
-

PROJECT:

ILOILO INTERNATIONAL AIRPORT DEVELOPMENT PROJECT
(Rehabilitation/Improvement of Passenger Terminal Building - Supply, Installation and Commissioning of Three (3) Units 600 KW Chiller)

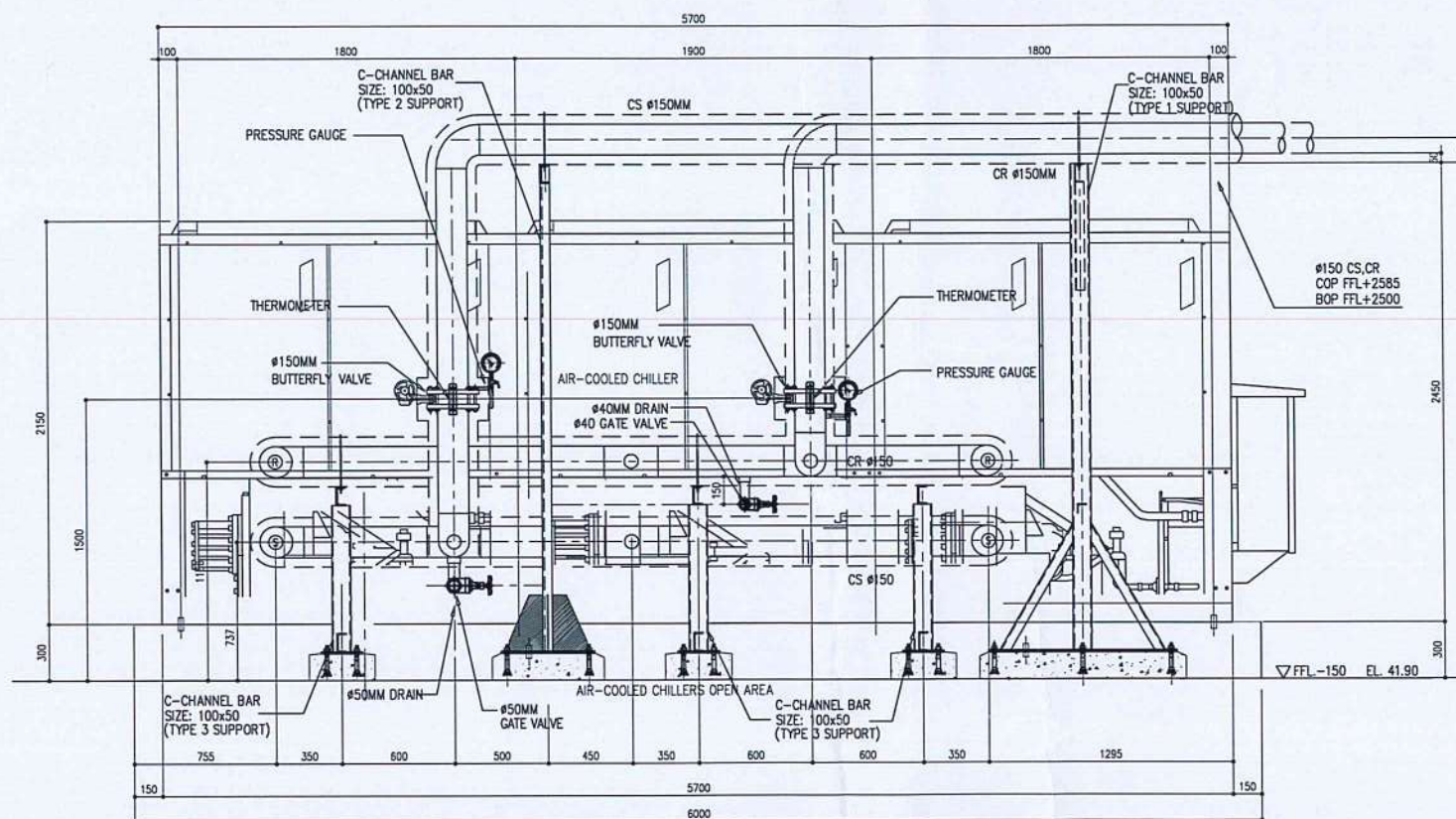
LOCATION:

ILOILO INTERNATIONAL AIRPORT
CABATUAN, ILOILO

SHEET CONTENTS:

SECTION - "B-B"

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 05
	05 05



1

SECTION - "A-A"

M-05M-05

SCALE:

1 : 40 M



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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDG
DRAWN BY:	RUJ/R
CHECKED BY:	

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Director General

APPROVED:

ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

NOTES/REVISIONS:

PROJECT:
ILOILO INTERNATIONAL
AIRPORT DEVELOPMENT
PROJECT
(Rehabilitation/Improvement of
Passenger Terminal Building - Supply,
Installation and Commissioning of
Three (3) Units 600 KW Chiller)

LOCATION:
ILOILO INTERNATIONAL
AIRPORT
CABATUAN, ILOILO

SHEET CONTENTS:
POWER FEEDER SYSTEM LAYOUT

DRAWING SCALE:	SHEET NO:
AS SHOWN	E-01

PANEL BOARD
MAIN : 600AT, 3-POLE, 460VAC
BRANCHES: 3x200AT, 3-POLE, 460VAC
TO LVSG CPM-NO. 1
2 SETS OF:
3-150mm² THHN/THWN-2 +
1-38mm² THHN/THWN-2 (G)
IN 80mm² (3") IMC/CABLE TRAY

PANEL BOARD
MAIN : 600AT, 3-POLE, 460VAC
BRANCHES: 3x200AT, 3-POLE, 460VAC
TO LVSG CPM-NO. 2
2 SETS OF:
3-150mm² THHN/THWN-2 +
1-38mm² THHN/THWN-2 (G)
IN 80mm² (3") IMC/CABLE TRAY

W700XH200XL150
FFL+3000 BOTTL.
500W x 70H CABLE TRAY/RISE UP (LV)
500W x 70H CABLE TRAY/RISE UP
with SEPARATOR(LV/COM)

TO MCCP1-CPM
3-8.0mm² THHN/THWN-2 +
1-5.5mm² THHN/THWN-2 (G)
CHILLER'S
PUMP ROOM
TO MCCP2-CPM
3-8.0mm² THHN/THWN-2 +
1-5.5mm² THHN/THWN-2 (G)

ELECTRICAL
PANEL ROOM
CONTROL
ROOM
MCCP3
700W x 2150H x 300D
FREE STANDING PANEL
MCCP2
700W x 2150H x 300D
FREE STANDING PANEL
MCCP1
800W x 2150H x 300D
FREE STANDING PANEL

1 POWER FEEDER SYSTEM LAYOUT

E-01 E-01 SCALE: 1:150M



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CAAP.

AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	DDO
DRAWN BY:	GGF
CHECKED BY:	EJDJR
REVIEWED BY:	

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Department Manager III, AED-ADMS

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ADG II, ADMS

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

ATTY. ROBERTO C. O. LIM
Undersecretary for Aviation and Airports

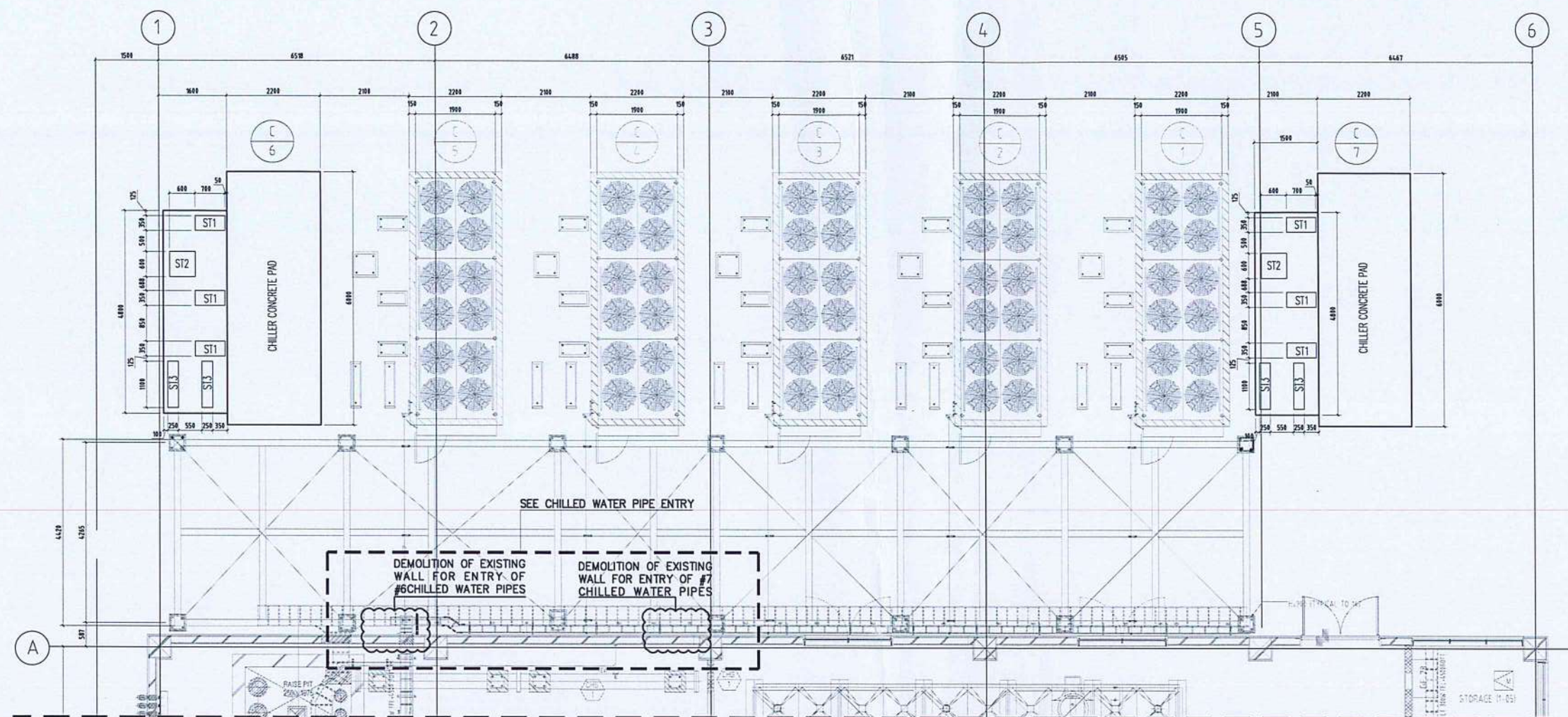
NOTES/REVISIONS:

PROJECT:
ILOILO INTERNATIONAL
AIRPORT DEVELOPMENT
PROJECT
(Rehabilitation/Improvement of
Passenger Terminal Building - Supply,
Installation and Commissioning of Three
(3) Units 600 KW Chiller)

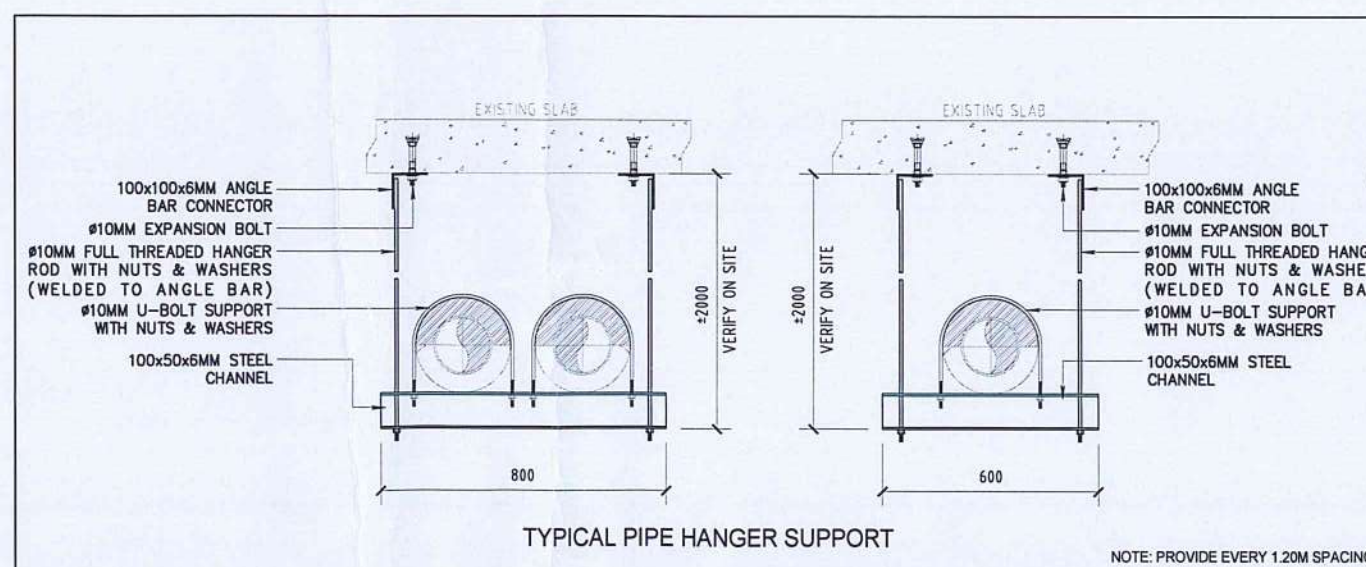
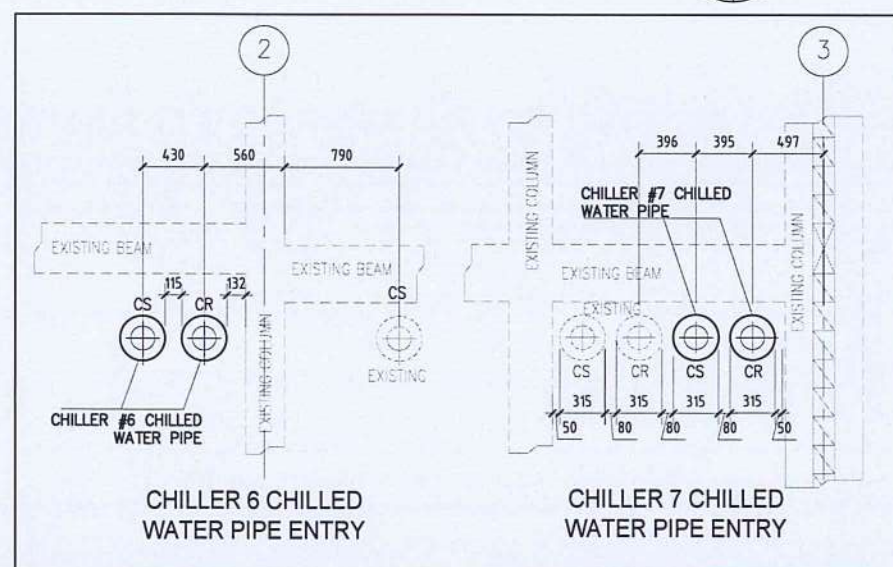
LOCATION:
ILOILO INTERNATIONAL
AIRPORT
CABATUAN, ILOILO

SHEET CONTENTS:
CONCRETE PAD LAYOUT
DETAILED SECTIONS

DRAWING SCALE:	SHEET NO:
AS SHOWN	S - 1
	01 02

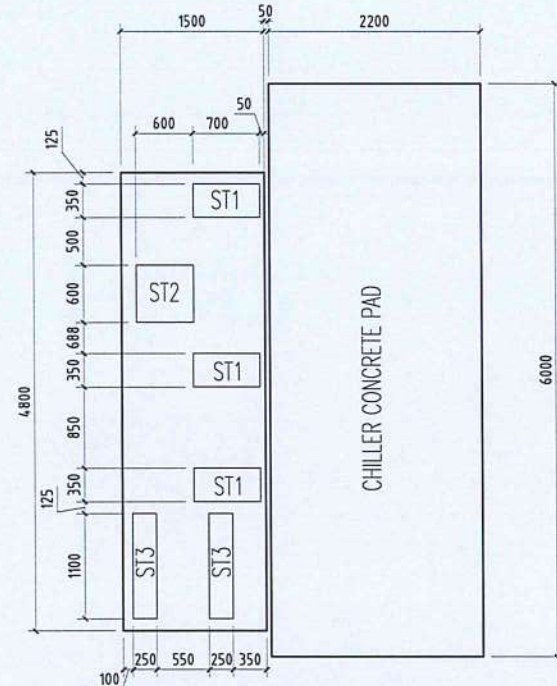


1 CHILLER CONCRETE PAD LAYOUT
SCALE: 1:120M

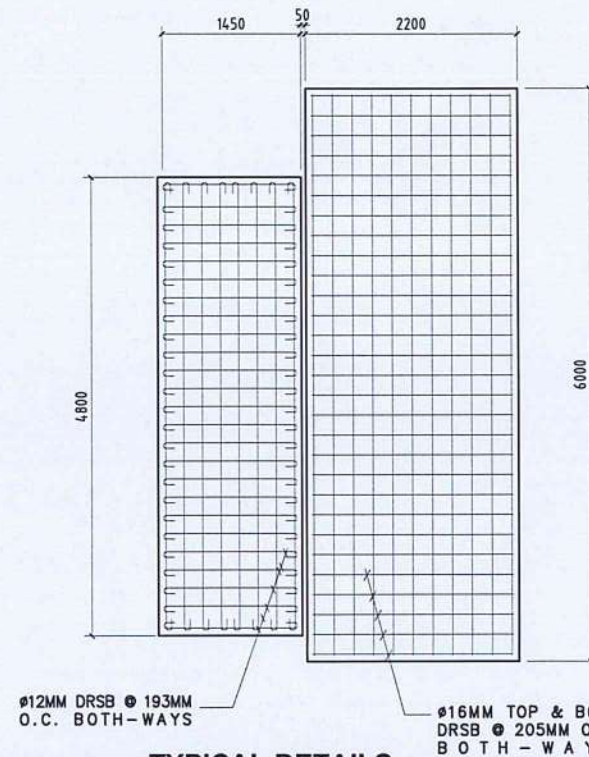


NOTE: PROVIDE EVERY 1.20M SPACING

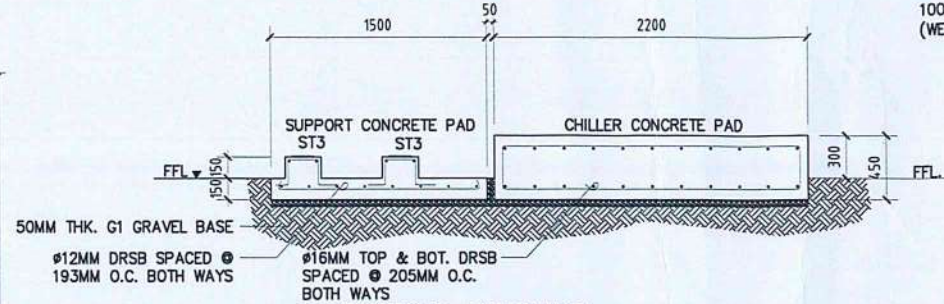
NOTE: CONCRETE COMPRESSIVE STRENGTH IS 3000PSI



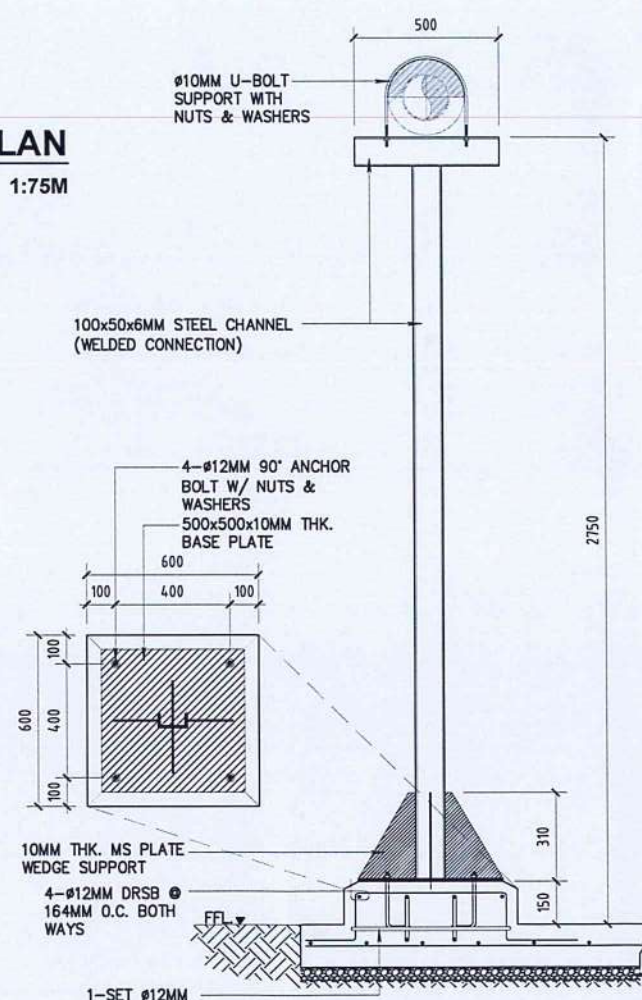
1 TYPICAL DETAILS
CONCRETE PAD LAYOUT PLAN
SCALE: 1:75M



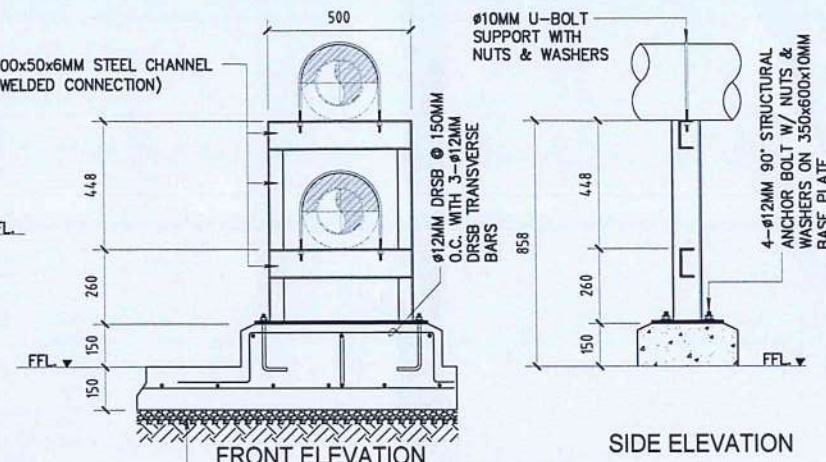
2 TYPICAL DETAILS
CONCRETE PAD REINFORCEMENT
SCALE: 1:75M



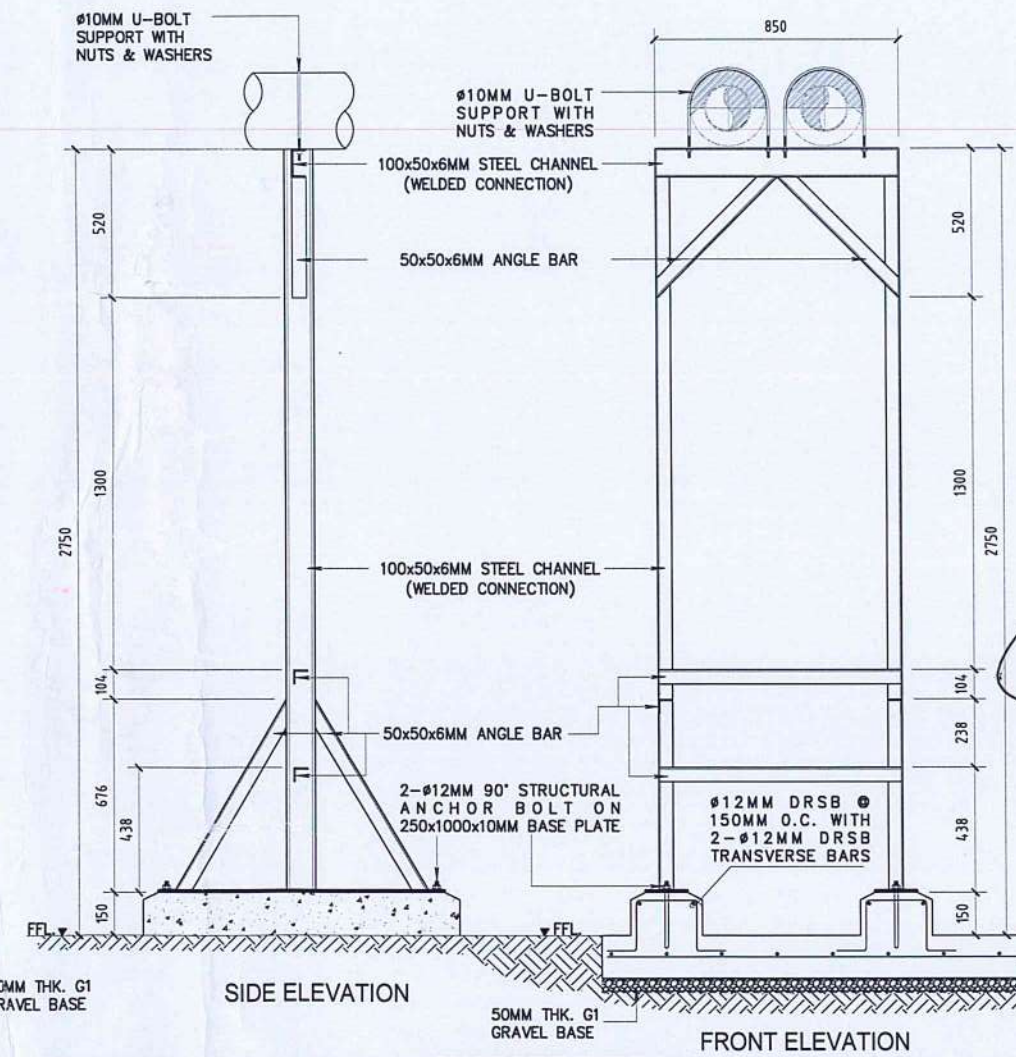
3 TYPICAL DETAILS
CONCRETE PAD SECTION VIEW
SCALE: 1:50M



5 SUPPORT TYPE 2
ST2 ELEVATION VIEW
SCALE: 1:25M



4 SUPPORT TYPE 1
ST1 ELEVATION VIEW
SCALE: 1:25M



6 SUPPORT TYPE 3
ST3 ELEVATION VIEW
SCALE: 1:25M



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1000 N. E. AVENUE, 1000 N. E. AVENUE

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
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CHECKED BY: EAJR	

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Director General

APPROVED:
ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

NOTES/REVISIONS: 1. 2. 3.

PROJECT:
ILOILO INTERNATIONAL AIRPORT DEVELOPMENT PROJECT
(Rehabilitation/Improvement of Passenger Terminal Building - Supply, Installation and Commissioning of Three (3) Units 600 KW Chiller)

LOCATION:
ILOILO INTERNATIONAL AIRPORT
CABATUAN, ILOILO

SHEET CONTENTS:
CONCRETE PAD LAYOUT
DETAILED SECTIONS

DRAWING SCALE:	SHEET NO:
AS SHOWN	S - 2
	02 02