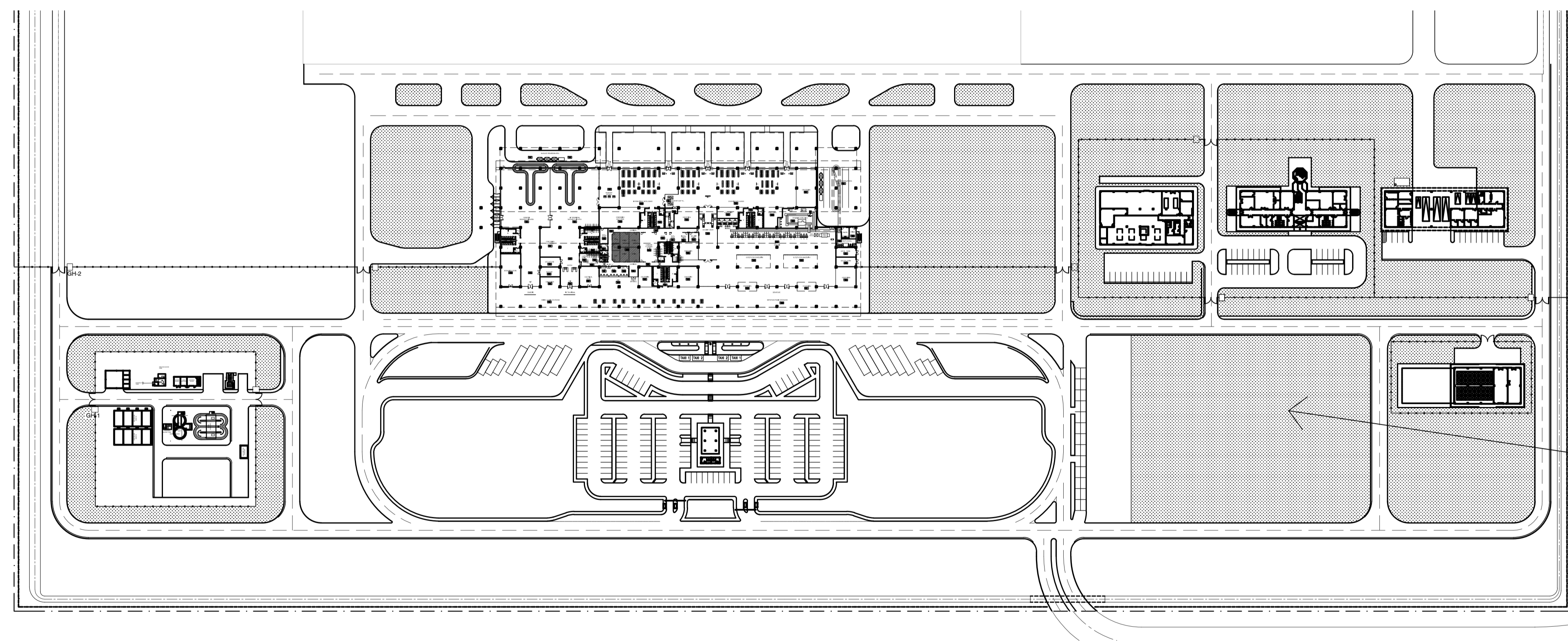


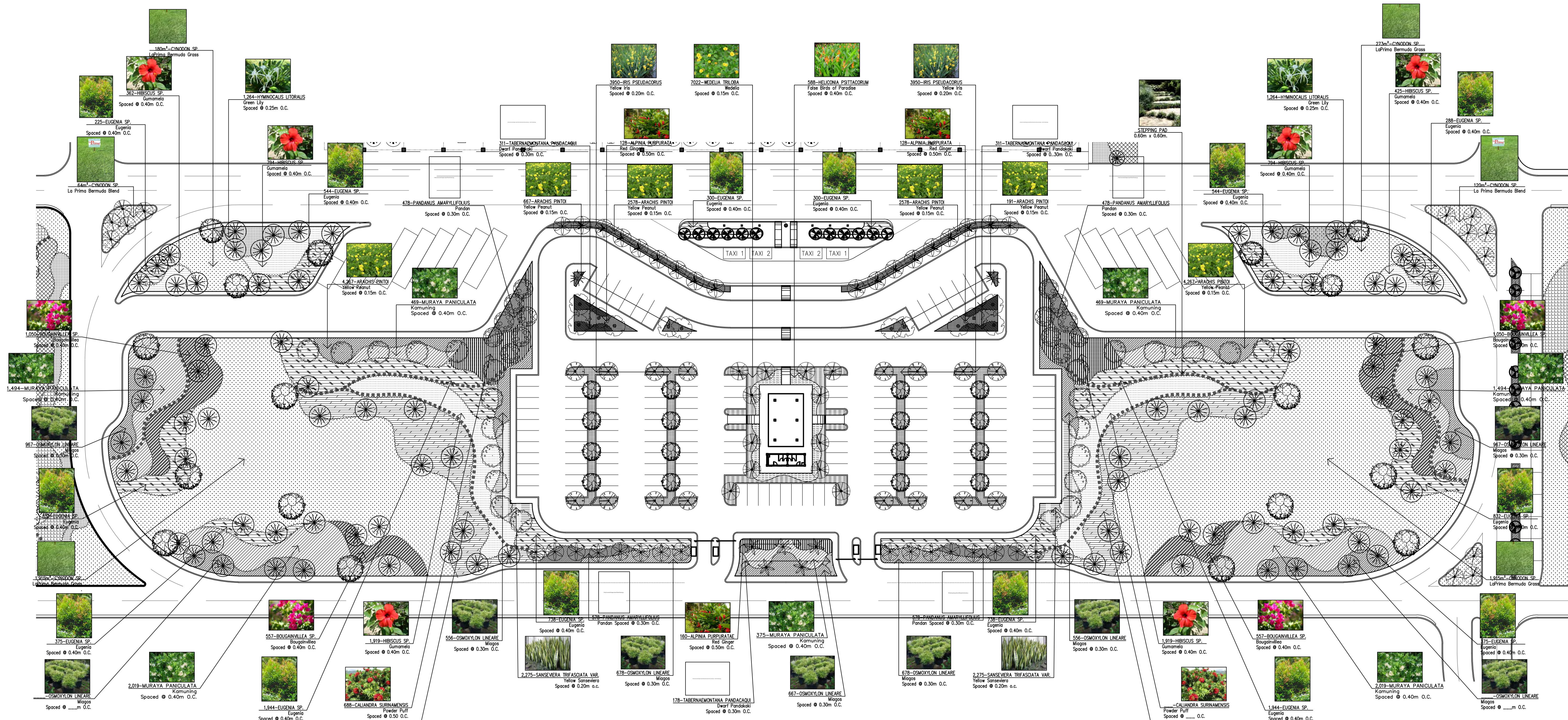
CYNODON SP.
LaPrima Seeded
Bermuda Blend



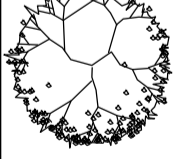
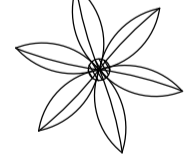
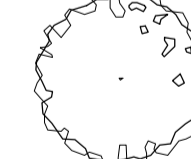
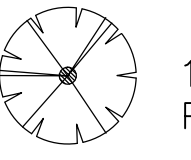
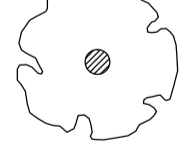
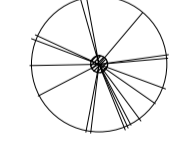
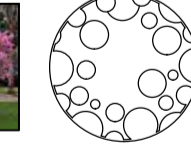
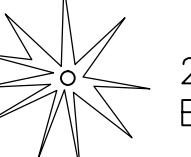
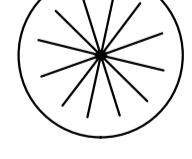
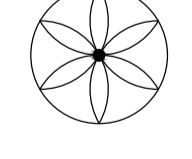

CYNODON SP.
LaPrima Seeded
Bermuda Blend

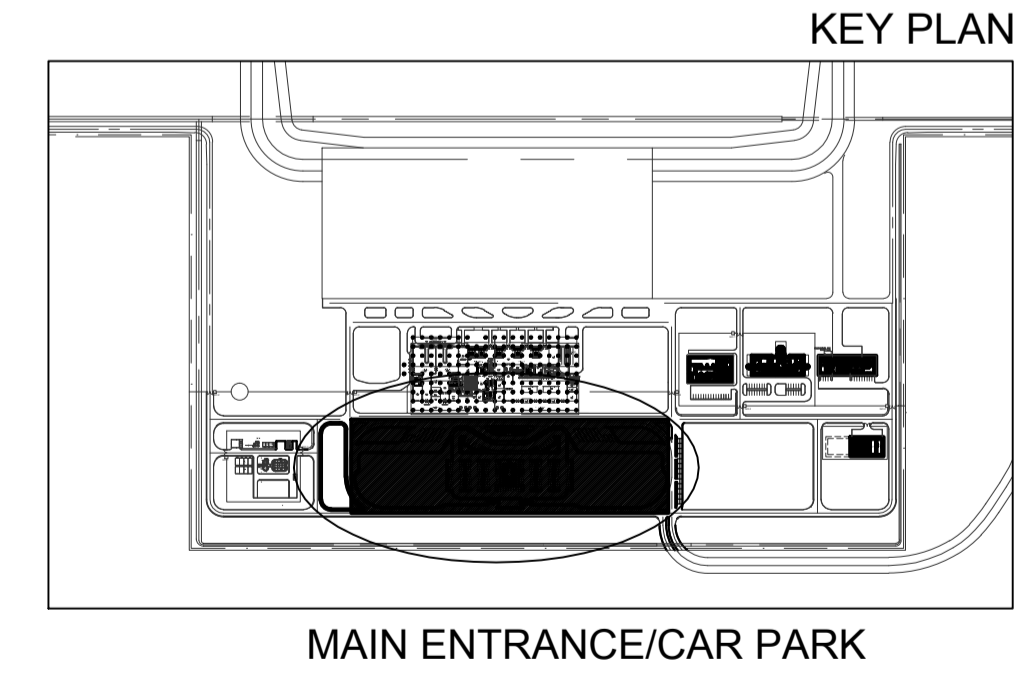
**SECTION C2-2520: PLANTING & SODDING
DIVISION 4: AIRFIELD & OTHER AREAS**

		PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED:	PROJECT TITLE:	DATE	INDEX	AMENDMENTS	Prepared by	Checked by	Validated by	SHEET CONTENTS:	SHEET NO:
		ERACIO T. PATDU PROF. CIVIL ENGINEER PPR. 3158241 REG. NO.: 54252 DATE: JULY 18, 2013 T.M. 199-899-561 PLACE: CAGAYAN DE ORO CITY	ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC									
JICA DESIGN CONSULTANT JOINT VENTURE 		TADASHI AOI Team Leader			LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES							SODDING LAYOUT PLAN	DRAWING SCALE: AS SHOWN





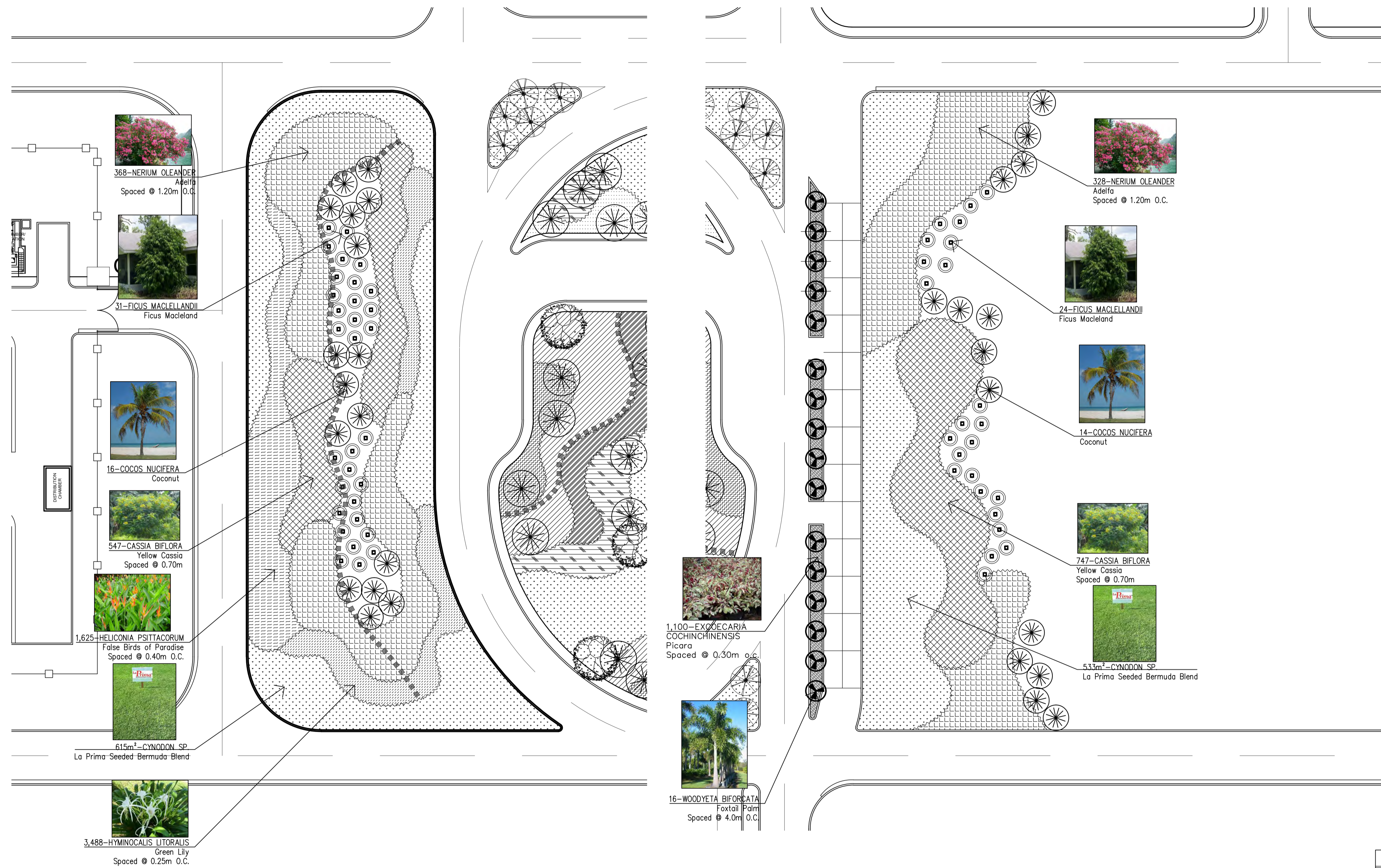
LEGEND:
TREES

-  16-PELTHOPHORUM INERME
Yellow Copperpod
-  5-PHOENIX DACTYLIFERA
Dates Palm
-  24-SPATHODEA CAMPANULATA
African Tulip
-  16-TRIPLARIS SURINAMENSIS
Palo Santo
-  12-CASSIA FISTULA
Golden Shower
-  22-PLUMERIA RUBRA
Red Calachuchi
-  14-TABEBUIA HETEROPHYLLA
Pink Tabebuia
-  2-BISMARCKIA NOBILIS
Bismarck Palm
-  96-COCOS NUCIFERA
Coconut
-  34-ROYSTONEA REGIA
Royal Palm
-  12-WODYETIA BIFURCATA
Foxtail Palm

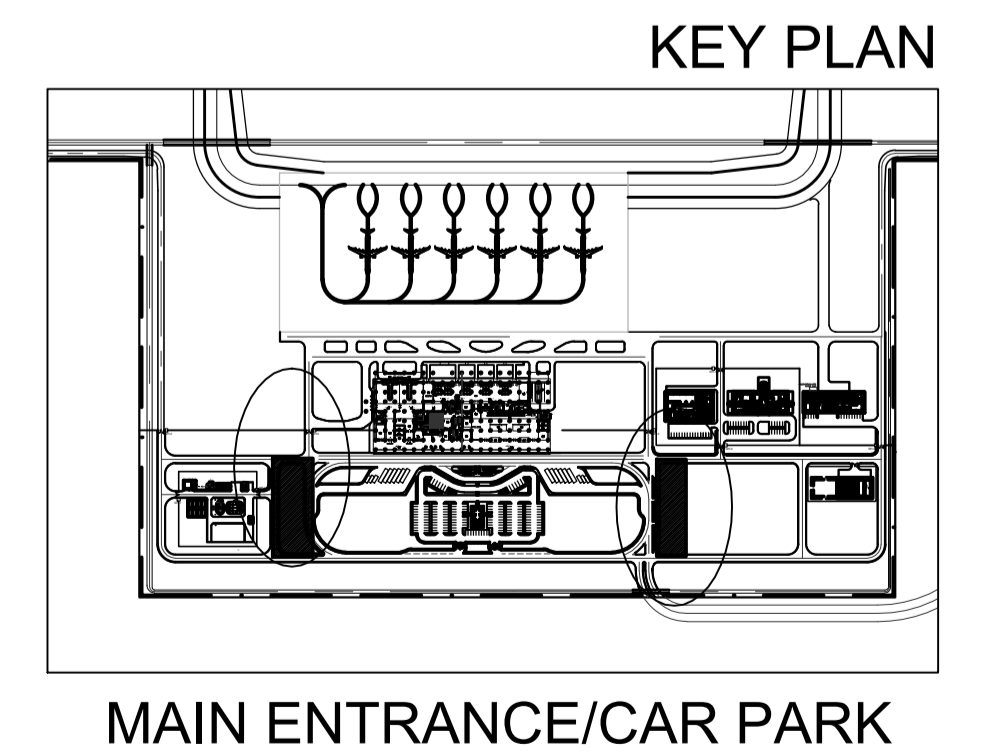


SECTION C2-2520: PLANTING & SODDING
DIVISION 1: MAIN ENTRANCE/CAR PARK - A

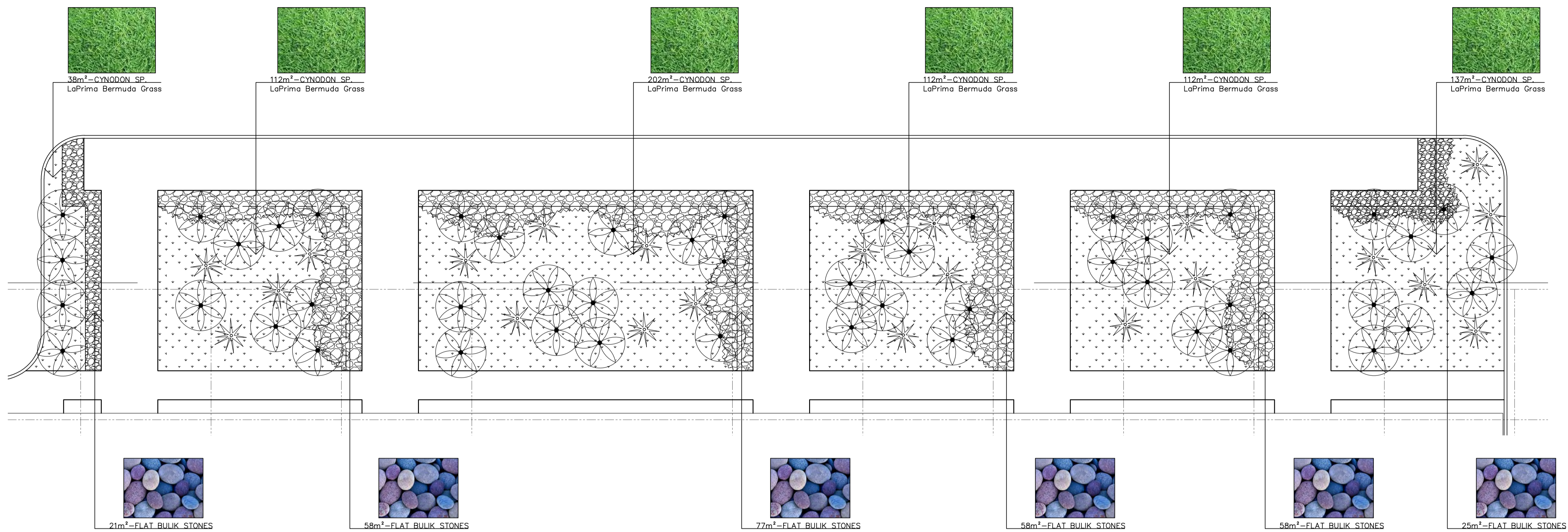
	Republic of the Philippines DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	PREPARED BY: ERACIO T. PATDU	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	APPROVED: JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING PLANTING PLAN (1)	SHEET NO: C2-2500-02
	JICA DESIGN CONSULTANT JOINT VENTURE JAC JAPAN AIRPORT CONSULTANTS, INC. NIPPOON KOEI CO., LTD. NIS CONSULTANTS CO., LTD.		PROF. NO.: 34252 PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 T.M. 199-899-561 PLACE: CAGAYAN DE ORO CITY	TADASHI AOI Team Leader	JUNE 2013	DATE INDEX AMENDMENTS Prepared by Checked by Validated by	WIM HC	DRAWING SCALE: AS SHOWN		



SECTION C2-2520: PLANTING & SODDING DIVISION 1: MAIN ENTRANCE/CAR PARK - B



		PREPARED BY: ERACIO T. PATDU <small>PROF. CIVIL ENGINEER PPR. 3158241</small> <small>REG. NO. 54252 DATE: JULY 18, 2013</small> <small>TJM. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. <small>Assistant Secretary</small> for Project Implementation, DOTC	APPROVED: JULIANITO G. BUCAYAN, JR. <small>Undersecretary</small> for Project Implementation, DOTC	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING PLANTING PLAN (2)	SHEET NO.: C2-2500-03 DRAWING SCALE: AS SHOWN
				TADASHI AOI Team Leader	ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	DATE: JUNE 2013 INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:



LEGEND:

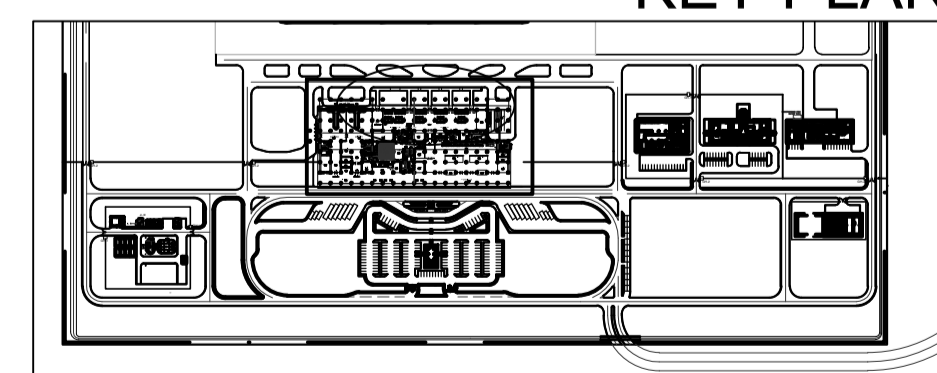


22-BISMARCKIA NOBILIS
Bismarck Palm



49-ROYSTONEA REGIA
Royal Palm

KEY PLAN



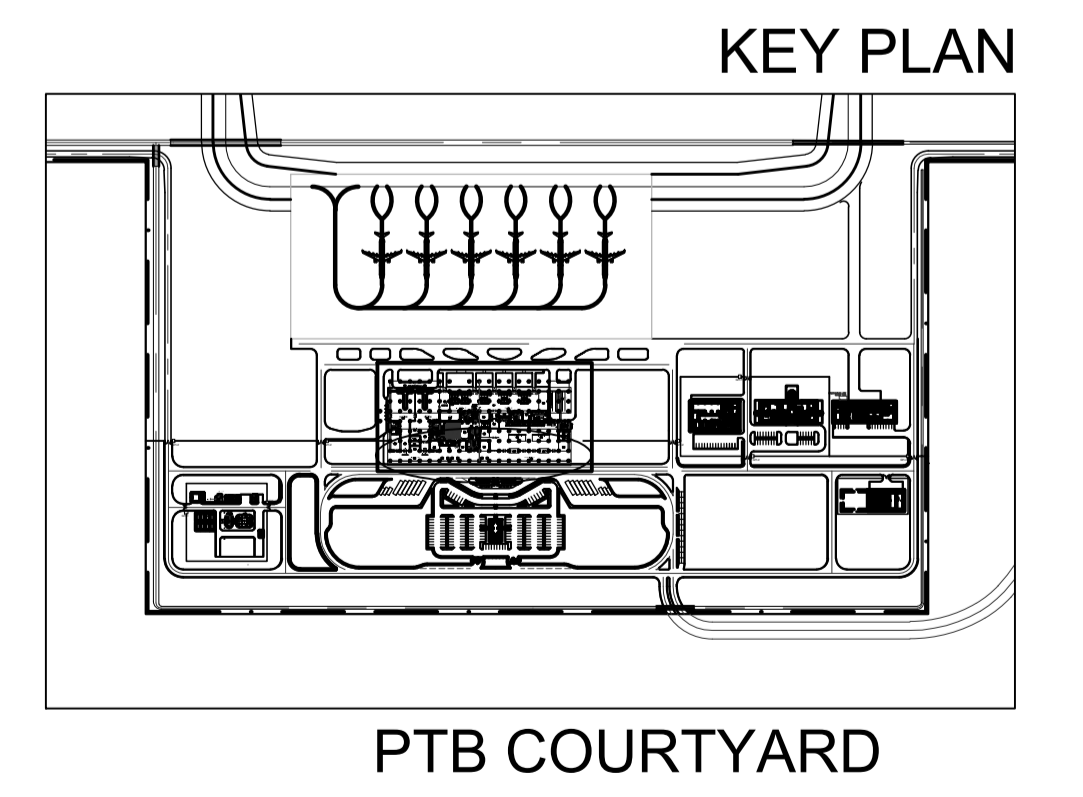
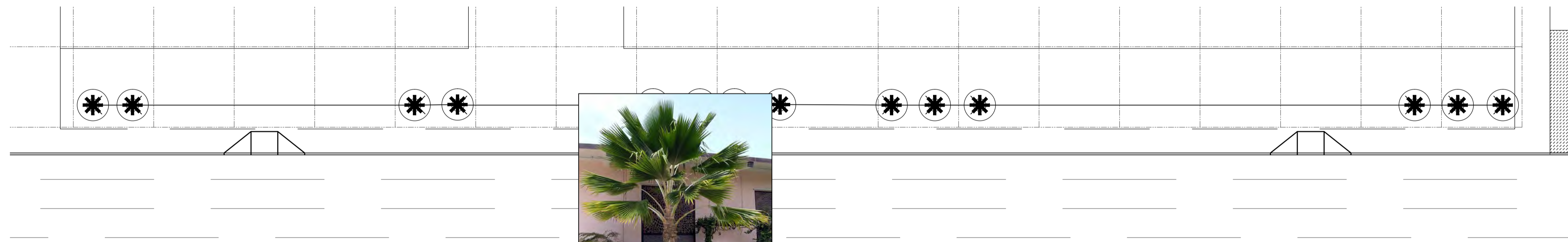
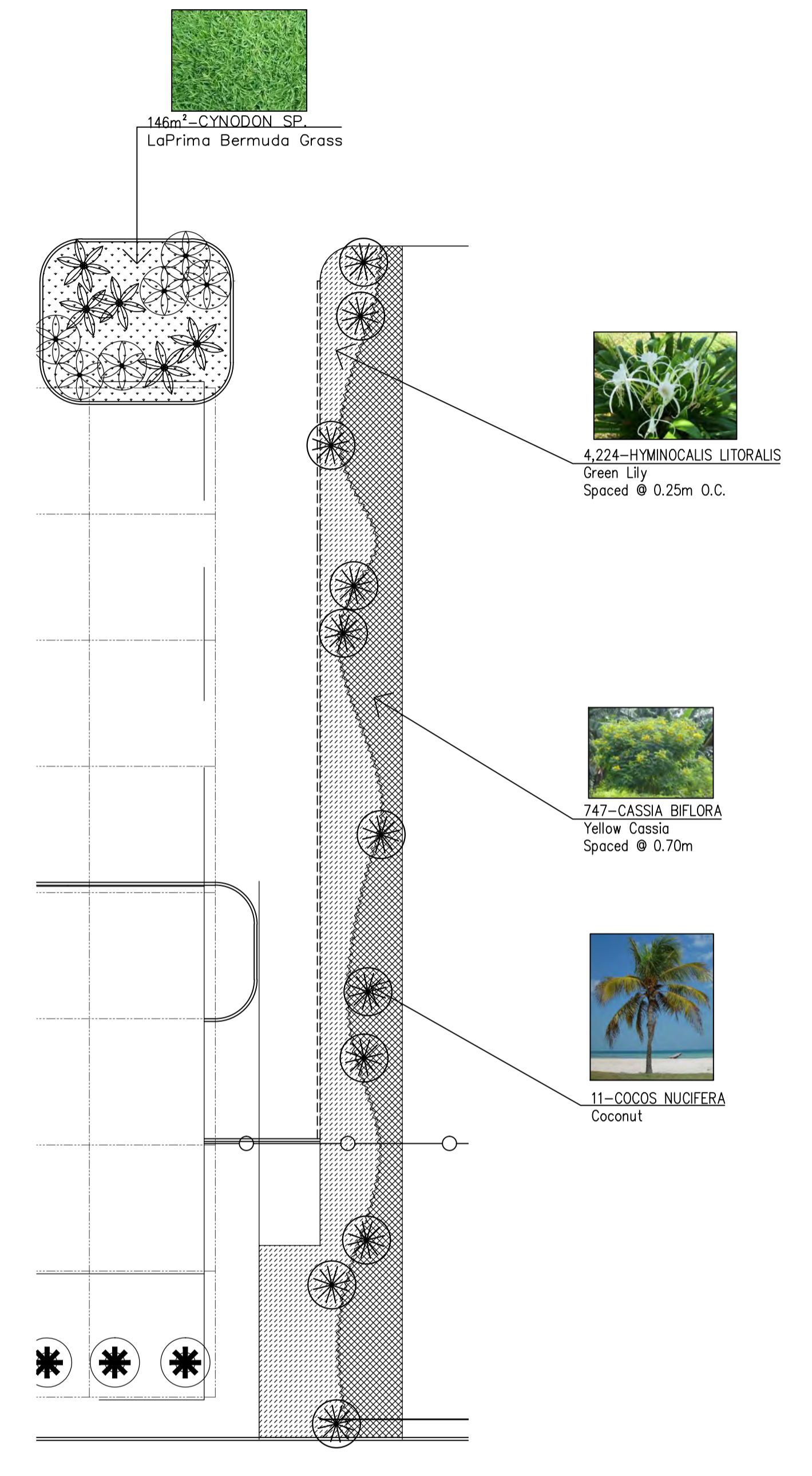
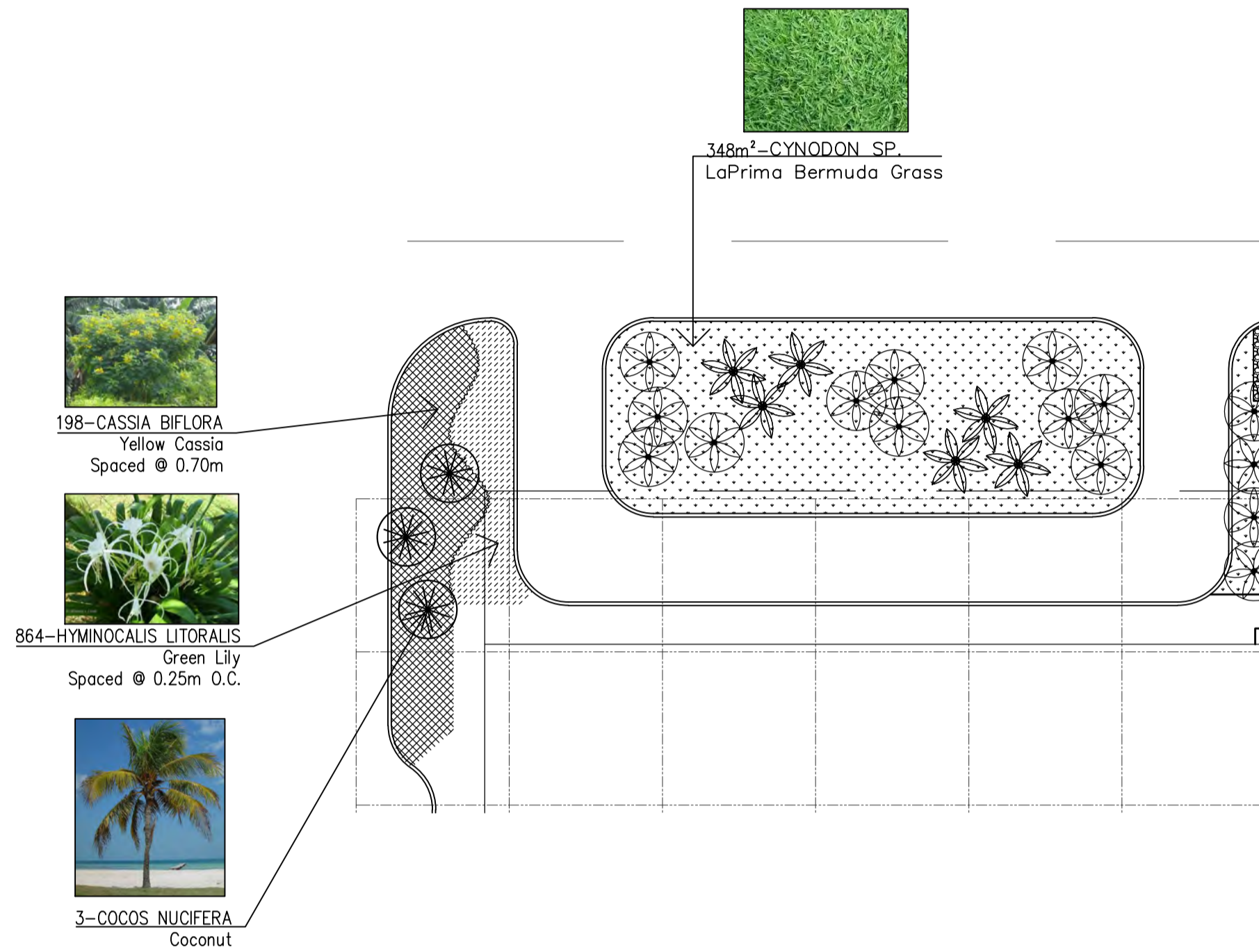
PTB COURTYARD

**SECTION C2-2520: PLANTING & SODDING
DIVISION 2: PTB COURTYARD - A**

	PREPARED BY: ERACIO T. PATDU <small>PROF: CIVIL ENGINEER PIR: 3158241</small> <small>REG. NO: 34252 DATE: JULY 18, 2013</small> <small>TJM: 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING PLANTING PLAN (3)	SHEET NO: C2-2500-04 DRAWING SCALE: AS SHOWN
	TADASHI AOI <small>Team Leader</small>	JUN 2013 DATE INDEX AMENDMENTS	WIM HC Prepared by Checked by Validated by				

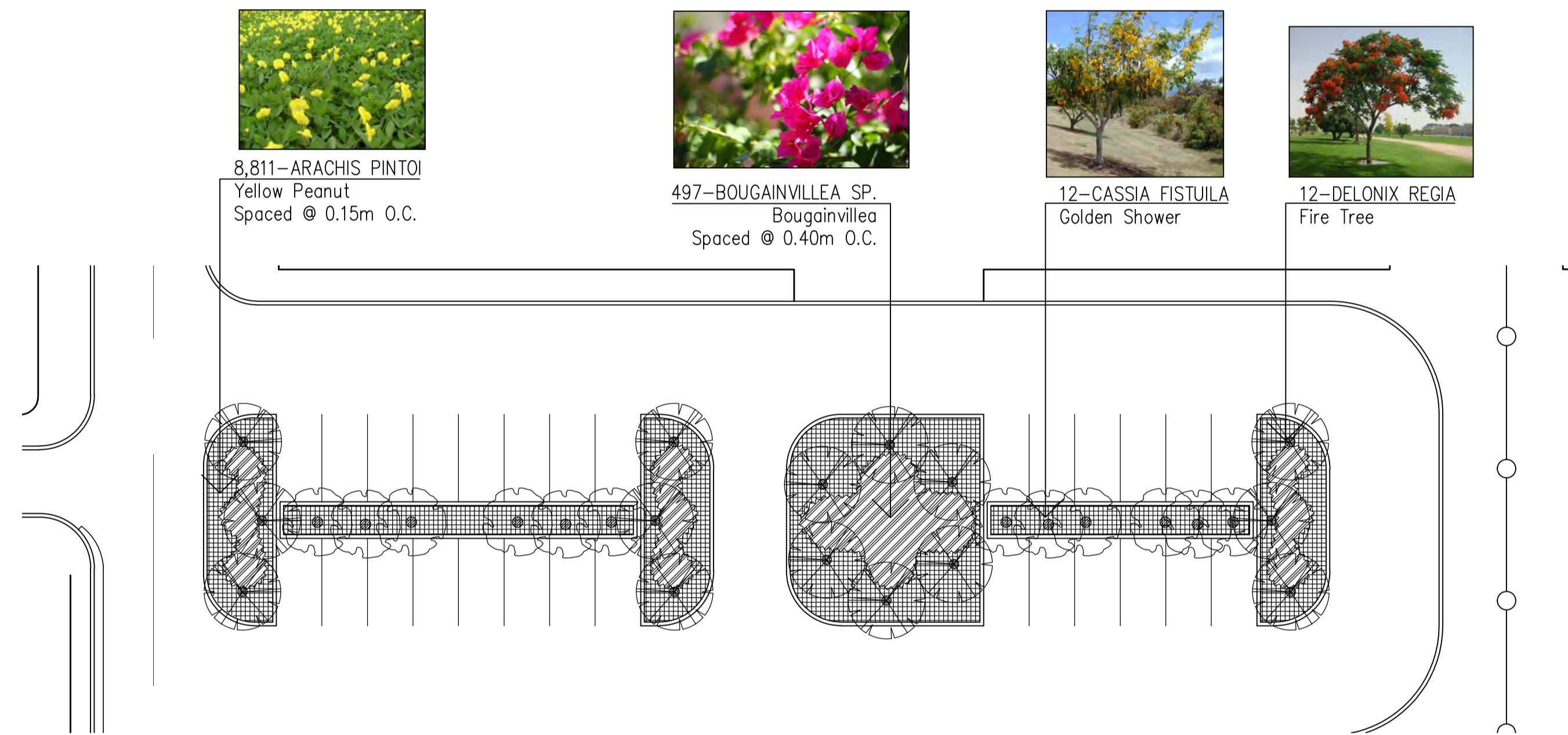
LEGEND:

-  17-ROYSTONEA REGIA
Royal Palm
-  11-PHOENIX DACTYLIFERA
Dates Palm
-  14-PRITCHARDIA PACIFICA
Prtichardia Palm
-  11-COCOS NUCIFERA
Coconut

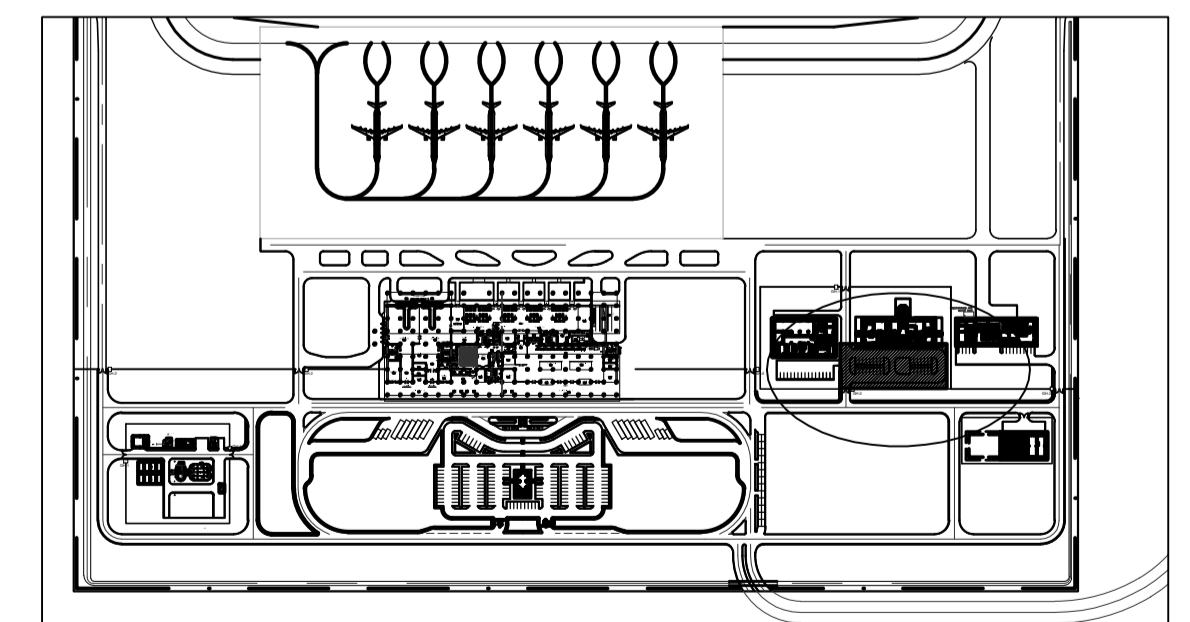


SECTION C2-2520: PLANTING & SODDING DIVISION 2: PTB COURTYARD - B

	PREPARED BY: ERACIO T. PATDU <small>PROF: CIVIL ENGINEER PIR: 3158241</small> <small>REG. NO.: 54252 DATE: JULY 18, 2013</small> <small>T.J.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	APPROVED: JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING PLANTING PLAN (4)	SHEET NO: C2-2500-05 DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NJS CONSULTANTS CO., LTD.	TADASHI AOI Team Leader	ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	DATE: JUNE 2013 INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:	



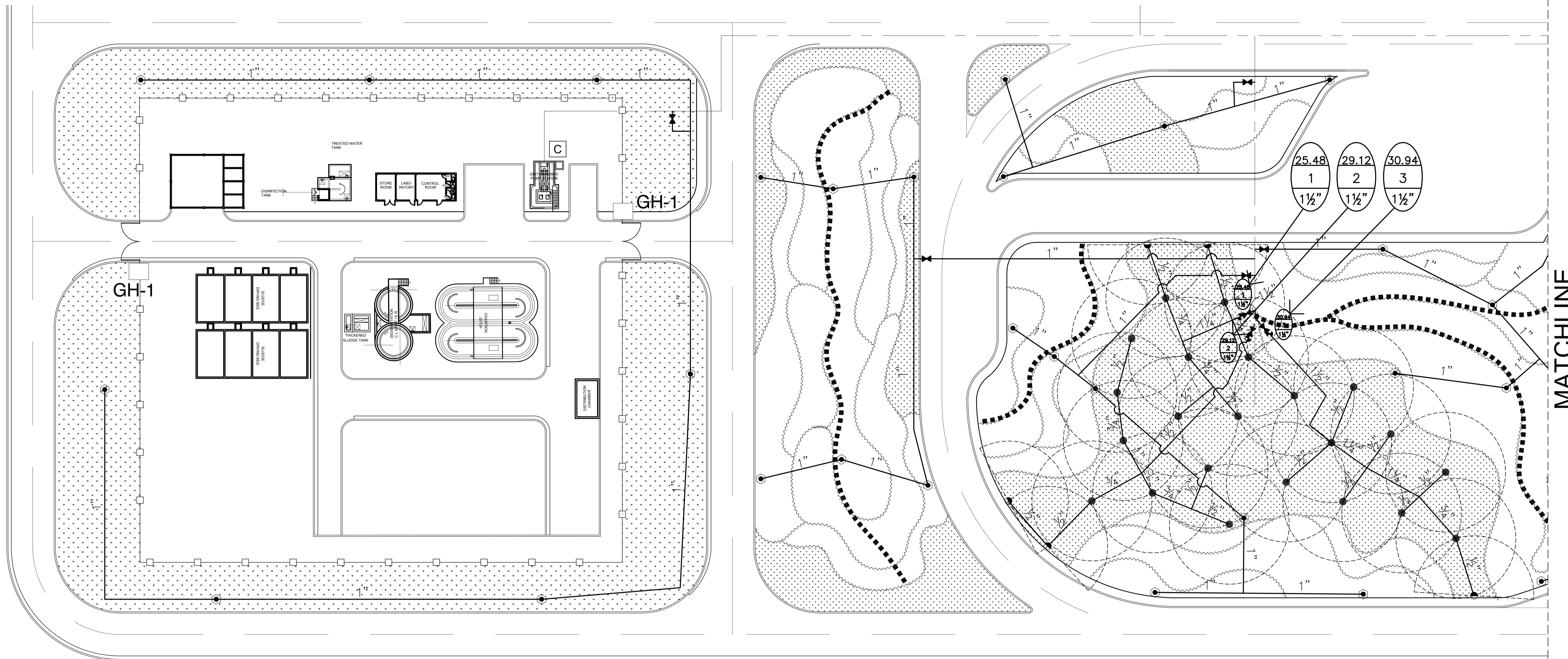
KEY PLAN



ATC CAR PARK

SECTION C2-2520: PLANTING & SODDING DIVISION 3: ATC CAR PARK

	PREPARED BY: ERACIO T. PATDU <small>PROF. CIVIL ENGINEER PPR. 3158241</small> <small>REG. NO.: 54252 DATE: JULY 18, 2013</small> <small>T.J.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: 	APPROVED: 	PROJECT TITLE: 	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING PLANTING PLAN (5)	SHEET NO: C2-2500-06 DRAWING SCALE: AS SHOWN
	TADASHI AOI Team Leader	ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DATE: JUNE 2013 INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:	



LEGEND:

- MP3000 (360°) - 40PSI, 9.1m Radius, 3.64GPM
- ◐ MP3000 (90°-210°) - 40PSI, 9.1m Radius, 1.82GPM
- ⊙ QUICK COUPLING VALVE
- ⊕ ELECTRIC CONTROL SOLENOID VALVE

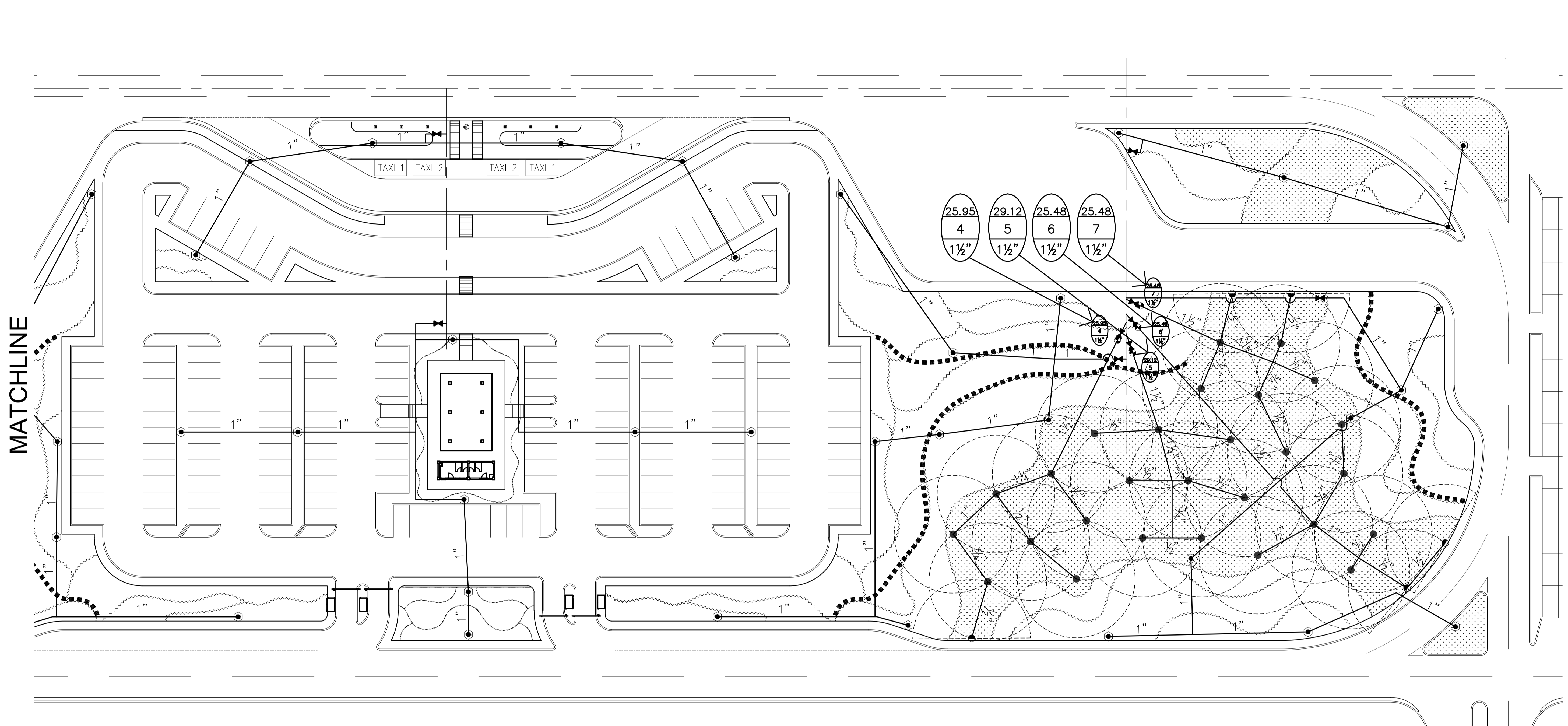
- ⋈ BRASS GATE VALVE
- EXISTING MAINLINE
- LATERAL LINE
- C** CONTROLLER

VALVE DESIGNATION GUIDE

29.12	— FLOW (GPM)
7	— STATION NO.
1½"	— VALVE SIZE

SECTION C2-2530: IRRIGATION SYSTEM - MAIN ENTRANCE /CAR PARK

	PREPARED BY: ERACIO T. PATDU <small>PROF: CIVIL ENGINEER PPR: 3158241</small> <small>REG. NO.: 54252 DATE: JULY 18, 2013</small> <small>TJAN: 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <h3 style="text-align: center;">NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</h3> LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES			SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING IRRIGATION SYSTEM LAYOUT (1)	SHEET NO: C2-2500-07 DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE <small>JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NIS CONSULTANTS CO., LTD.</small>	JUNE 2013 DATE INDEX AMENDMENTS Prepared by WIM Checked by HC Validated by						

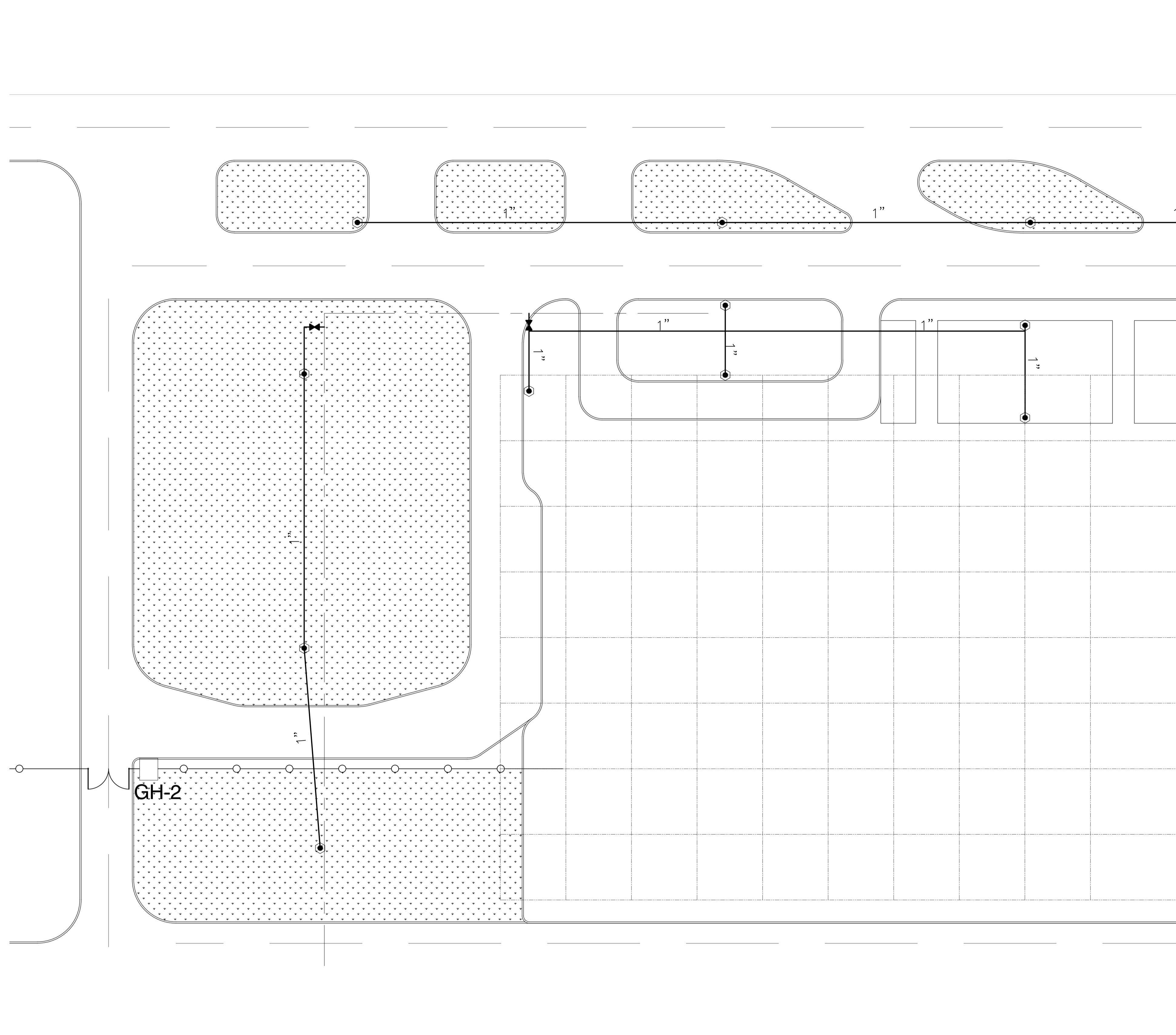


SECTION C2-2530: IRRIGATION SYSTEM - MAIN ENTRANCE /CAR PARK

LEGEND:

- MP3000 (360°) - 40PSI, 9.1m Radius, 3.64GPM
- ◐ MP3000 (90°-210°) - 40PSI, 9.1m Radius, 1.82GPM
- ⊙ QUICK COUPLING VALVE
- ◑ ELECTRIC CONTROL SOLENOID VALVE
- ⋈ BRASS GATE VALVE
- EXISTING MAINLINE
- LATERAL LINE
- C** CONTROLLER

		PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED:	PROJECT TITLE:							SHEET CONTENTS:	SHEET NO:	
		ERACIO T. PATDU <small>PROF: CIVIL ENGINEER PPR: 3158241</small> <small>REG. NO.: 34282 DATE: JULY 18, 2013</small> <small>T.J.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary</small> <small>for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary</small> <small>for Project Implementation, DOTC</small>	NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT	JUNE 2013	WIM HC	Prepared by Checked by Validated by	IRRIGATION SYSTEM LAYOUT (2)	C2-2500-08				
JICA DESIGN CONSULTANT JOINT VENTURE											DRAWING SCALE:	AS SHOWN		
JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NJS CONSULTANTS CO., LTD.											LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES		DATE INDEX AMENDMENTS	Prepared by Checked by Validated by



MATCHLINE

SECTION C2-2530: IRRIGATION SYSTEM - AIRSIDE AREA

MP ROTATOR SPRINKLER:



Pressure regulated to 40 PSI for optimum efficiency with the MP Rotator.

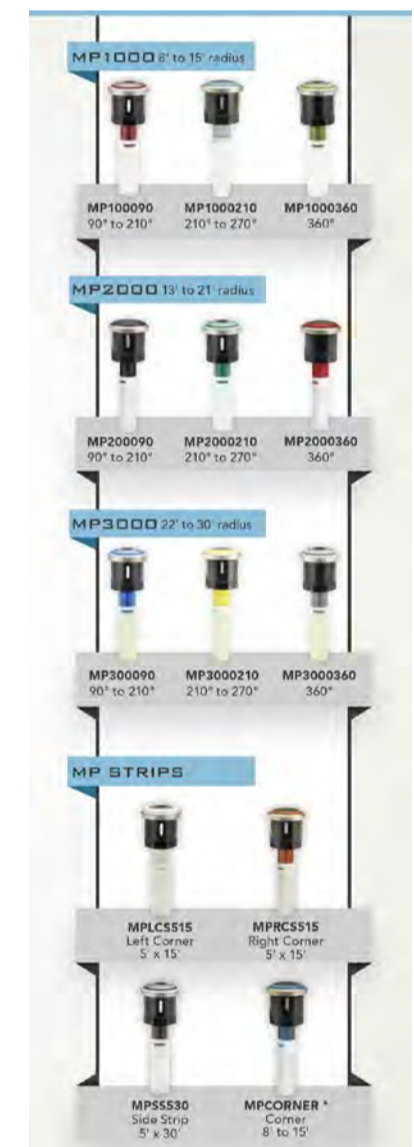
The extra tough co-molded wiper seal prevents leaks even at higher pressures.

Two-piece ratchet design makes head adjustment quicker and more precise.

Heavy-duty body and cap construction with multi-thread buttress design withstands the harshest environments.

MODEL SPECIFICATIONS:
 Model: PROS-12-PRS40 POP-UP BODY
 Height: 12"
 Pop-up Height: 12"
 Pressure Range: Calibrated at a consistent 40PSI
 Application: Residential/Commercial

NOZZLE:



MODEL SPECIFICATIONS:

MP1000 NOZZLE
 Flow: 0.16-0.86 GPM
 Radius Range: 8'-15'
 Pressure Range: 22-55 PSI

MP2000 NOZZLE
 Flow: 0.61-1.69 GPM
 Radius Range: 13'-21'
 Pressure Range: 22-55 PSI

MP3000 NOZZLE
 Flow: 0.69-4.24 GPM
 Radius Range: 22'-30'
 Pressure Range: 22-55 PSI

MPCorner NOZZLE
 Flow: 0.16-0.53 GPM
 Radius Range: 8'-15'
 Pressure Range: 30-55 PSI

MPLCS515 NOZZLE
 Flow: 0.19-0.26 GPM
 Radius Range: 5'X15'
 Pressure Range: 22-55 PSI

MPSS530 NOZZLE
 Flow: 0.38-0.51 GPM
 Radius Range: 5'X30'
 Pressure Range: 22-55 PSI

MPRCS515 NOZZLE
 Flow: 0.19-0.26 GPM
 Radius Range: 5'X15'
 Pressure Range: 22-55 PSI

LEGEND:

- MP3000 (360°) - 40PSI, 9.1m Radius, 3.64GPM
- MP3000 (90°-210°) - 40PSI, 9.1m Radius, 1.82GPM
- QUICK COUPLING VALVE
- ELECTRIC CONTROL SOLENOID VALVE
- BRASS GATE VALVE
- EXISTING MAINLINE
- LATERAL LINE
- CONTROLLER

Republic of the Philippines
DEPARTMENT OF TRANSPORTATION
AND
COMMUNICATIONS

JICA
JAPAN
INTERNATIONAL
COOPERATION
AGENCY

JICA DESIGN CONSULTANT JOINT VENTURE

JAPAN AIRPORT
CONSULTANTS,
INC.

NIPPON KOEI
CO., LTD.

NIS CONSULTANTS
CO., LTD.

PREPARED BY: ERACIO T. PATDU <small>PROF. CIVIL ENGINEER PIR. 3158241</small> <small>REG. NO.: 54252 DATE: JULY 18, 2013</small> <small>T.I.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. <small>Assistant Secretary</small> for Project Implementation, DOTC	APPROVED: JULIANITO G. BUCAYAN, JR. <small>Undersecretary</small> for Project Implementation, DOTC
TADASHI AOI <small>Team Leader</small>		

PROJECT TITLE:

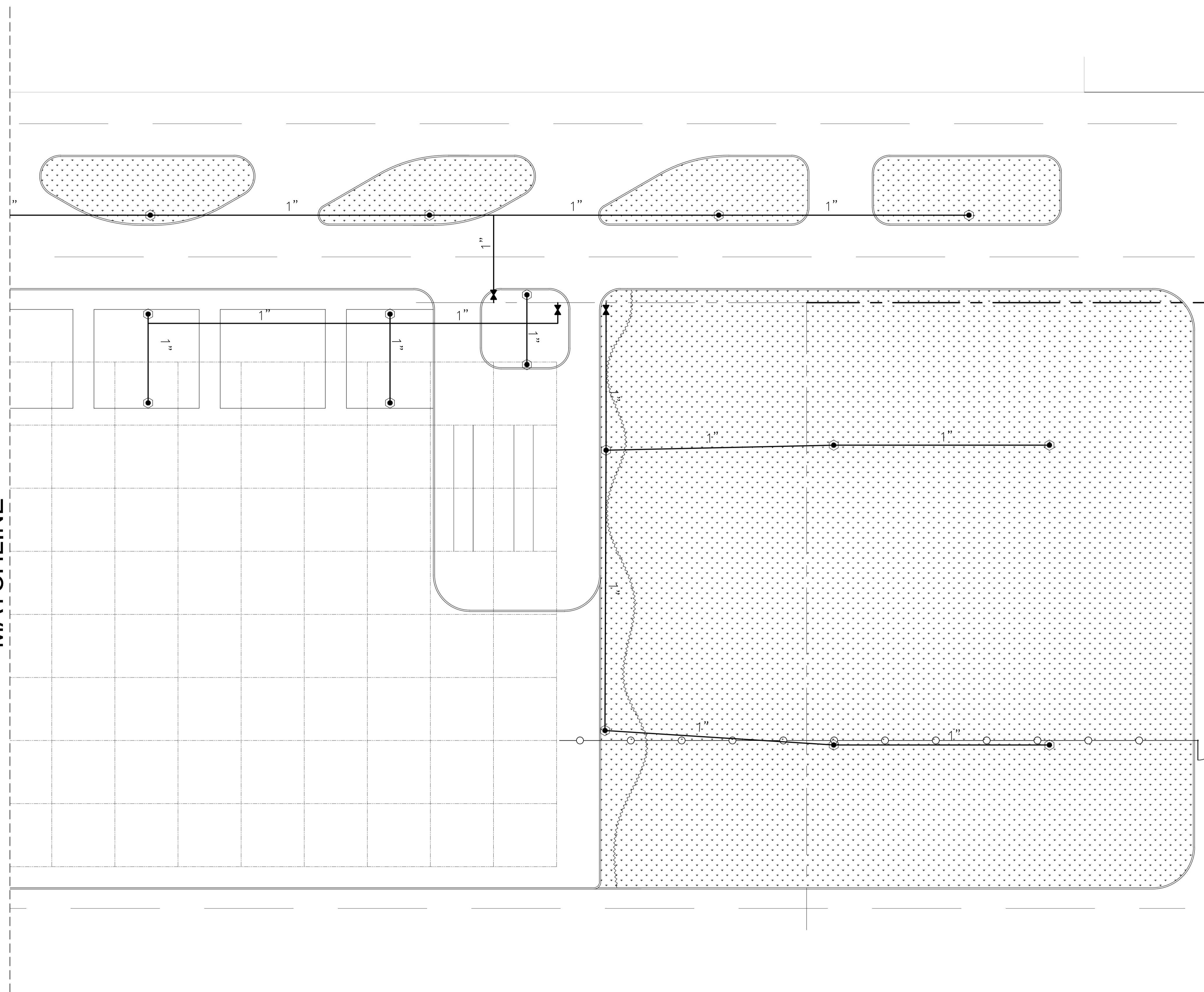
NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT

LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES

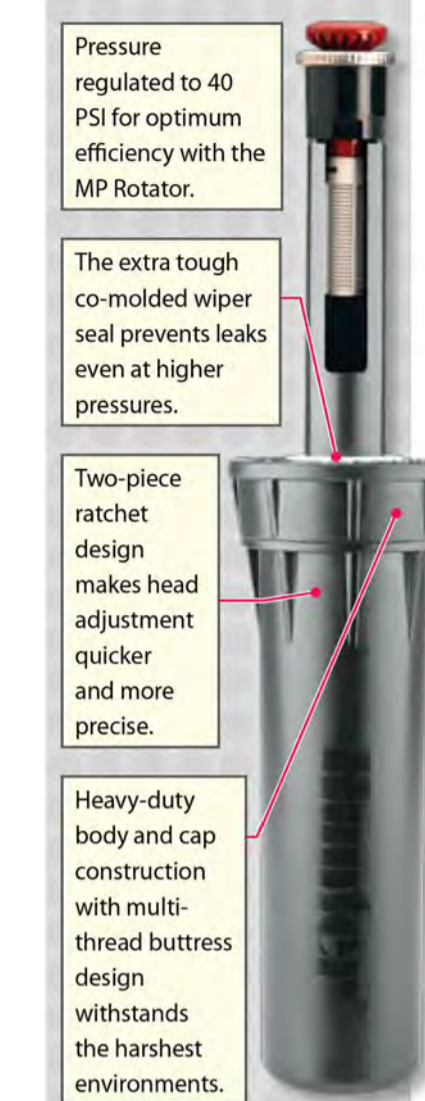
JUNE 2013										WIM	HC
DATE	INDEX	AMENDMENTS	Prepared by	Checked by	Validated by						

SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING IRRIGATION SYSTEM LAYOUT (3)	SHEET NO.: C2-2500-09 DRAWING SCALE: AS SHOWN
--	---

MATCHLINE



MP ROTATOR SPRINKLER:



Pressure regulated to 40 PSI for optimum efficiency with the MP Rotator.

The extra tough co-molded wiper seal prevents leaks even at higher pressures.

Two-piece ratchet design makes head adjustment quicker and more precise.

Heavy-duty body and cap construction with multi-thread buttress design withstands the harshest environments.

MODEL SPECIFICATIONS:
 Model: PRS-12-PRS40 POP-UP BODY
 Height: 12"
 Pop-up Height: 12"
 Pressure Range: Calibrated at a consistent 40PSI
 Application: Residential/Commercial

NOZZLE:



MODEL SPECIFICATIONS:

MP1000 NOZZLE
 Flow: 0.16-0.86 GPM
 Radius Range: 8'-15'
 Pressure Range: 22-55 PSI

MP2000 NOZZLE
 Flow: 0.61-1.69 GPM
 Radius Range: 13'-21'
 Pressure Range: 22-55 PSI

MP3000 NOZZLE
 Flow: 0.69-4.24 GPM
 Radius Range: 22'-30'
 Pressure Range: 22-55 PSI

MPCorner NOZZLE
 Flow: 0.16-0.53 GPM
 Radius Range: 8'-15'
 Pressure Range: 30-55 PSI

MPLCS515 NOZZLE
 Flow: 0.19-0.26 GPM
 Radius Range: 5'X15'
 Pressure Range: 22-55 PSI

MPSS530 NOZZLE
 Flow: 0.38-0.51 GPM
 Radius Range: 5'X30'
 Pressure Range: 22-55 PSI

MPRCS515 NOZZLE
 Flow: 0.19-0.26 GPM
 Radius Range: 5'X15'
 Pressure Range: 22-55 PSI

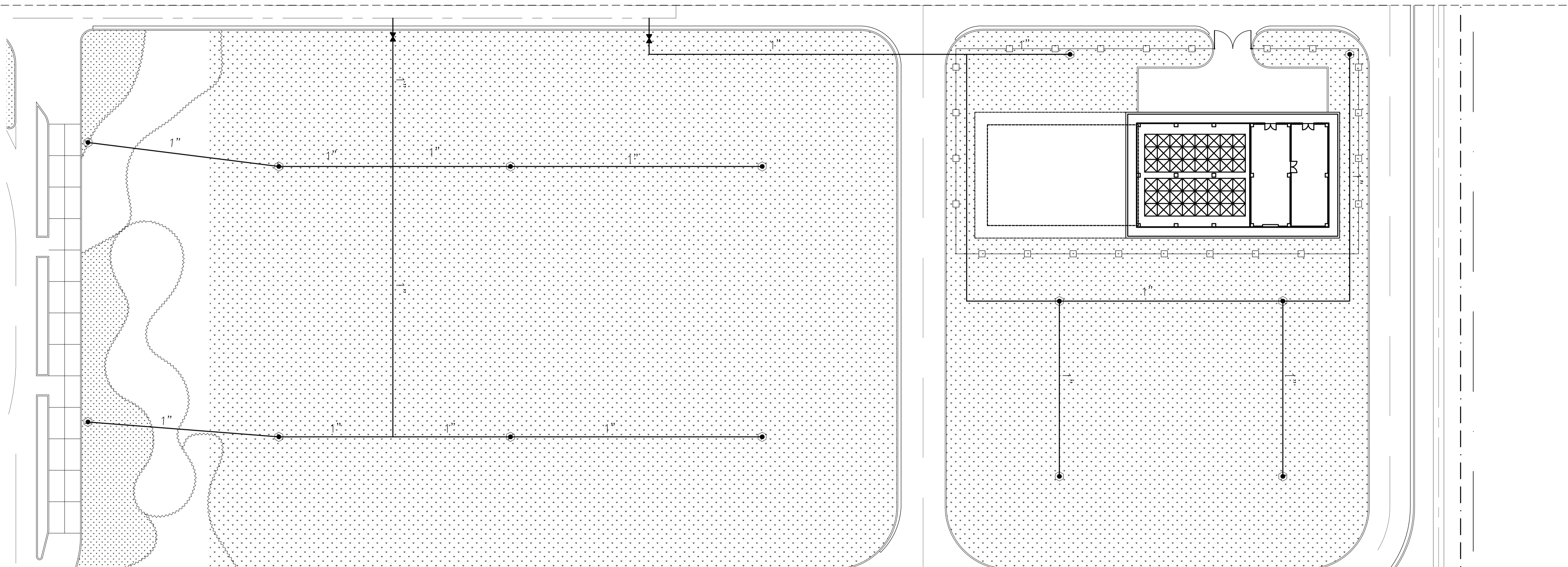
LEGEND:

- MP3000 (360°) - 40PSI, 9.1m Radius, 3.64GPM
- ◐ MP3000 (90°-210°) - 40PSI, 9.1m Radius, 1.82GPM
- ⊙ QUICK COUPLING VALVE
- ⊕ ELECTRIC CONTROL SOLENOID VALVE
- ⊞ BRASS GATE VALVE
- EXISTING MAINLINE
- LATERAL LINE
- C** CONTROLLER

SECTION C2-2530: IRRIGATION SYSTEM - AIRSIDE AREA

	PREPARED BY: ERACIO T. PATDU <small>PROF. CIVIL ENGINEER PRR. 3158241</small> <small>REG. NO.: 54282 DATE: JULY 18, 2013</small> <small>T.J.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	APPROVED: JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING IRRIGATION SYSTEM LAYOUT (4)	SHEET NO: C2-2500-10 DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE JAPAN AIRPORT CONSULTANTS, INC.	JAPAN INTERNATIONAL COOPERATION AGENCY	TADASHI AOI Team Leader	JUN 2013	DATE INDEX AMENDMENTS Prepared by Checked by Validated by WIM HC	

MATCHLINE

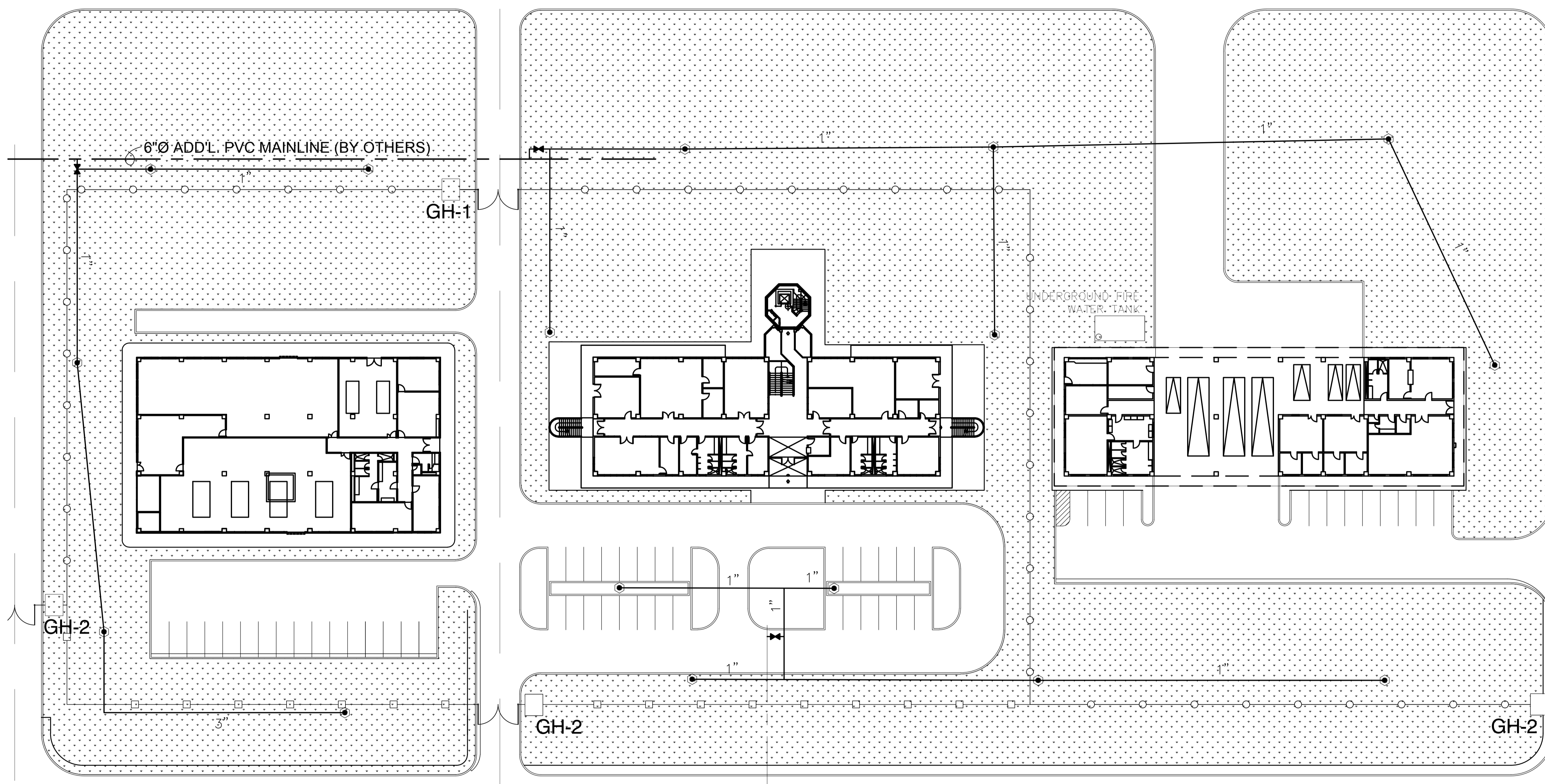


LEGEND:

- MP3000 (360°) - 40PSI, 9.1m Radius, 3.64GPM
- MP3000 (90°-210°) - 40PSI, 9.1m Radius, 1.82GPM
- QUICK COUPLING VALVE
- ELECTRIC CONTROL SOLENOID VALVE
- BRASS GATE VALVE
- EXISTING MAINLINE
- LATERAL LINE
- CONTROLLER

SECTION C2-2530: IRRIGATION SYSTEM - ATC CAR PARK

	PREPARED BY: ERACIO T. PATDU <small>PROF: CIVIL ENGINEER PPR: 3158241</small> <small>REG. NO.: 54252 DATE: JULY 18, 2013</small> <small>TJM: 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	APPROVED: JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING IRRIGATION SYSTEM LAYOUT (5)	SHEET NO: C2-2500-11 DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE TADASHI AOI Team Leader	JUNE 2013 DATE INDEX AMENDMENTS Prepared by WIM Checked by HC Validated by				



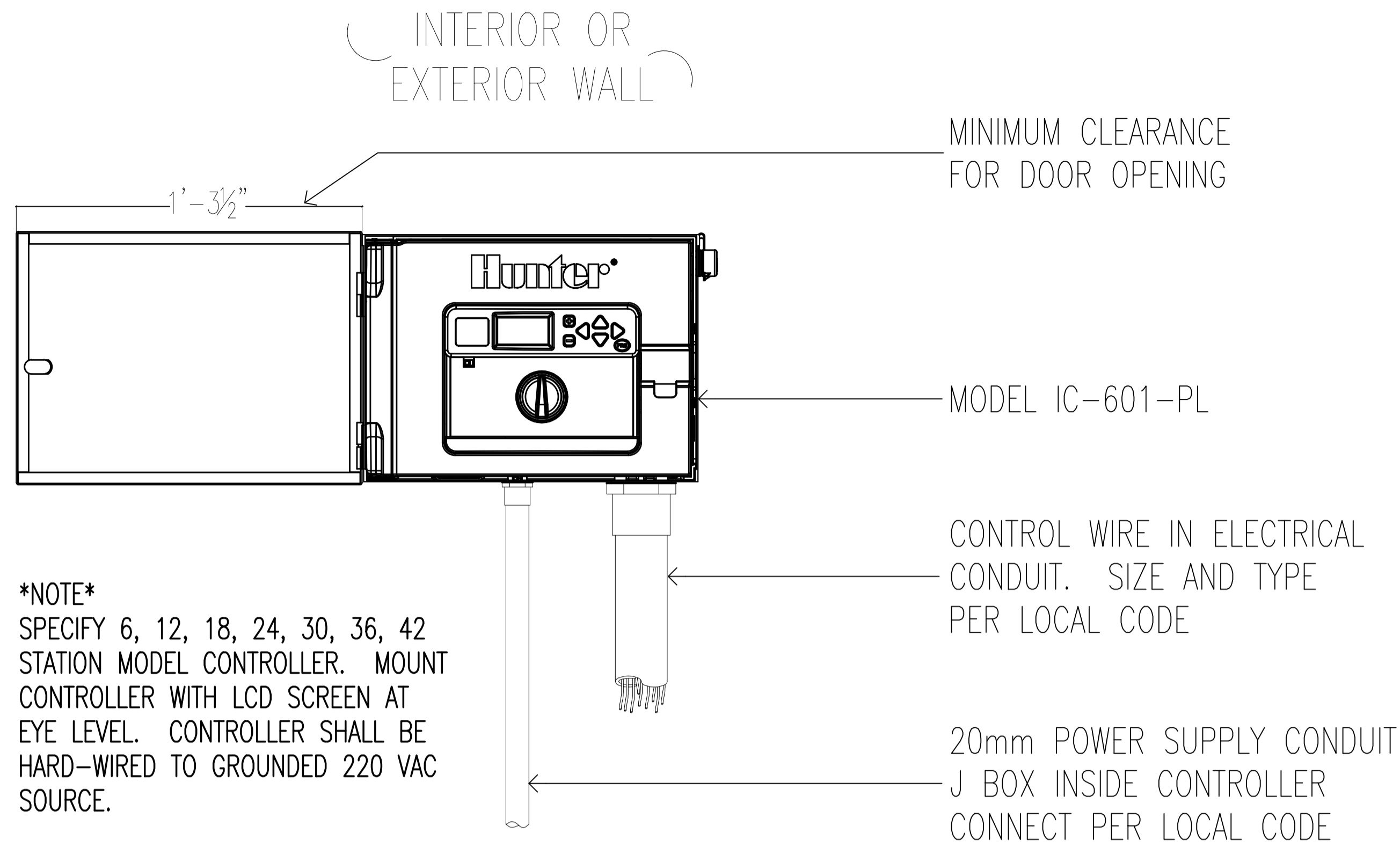
MATCHLINE

LEGEND:

- MP3000 (360°) - 40PSI, 9.1m Radius, 3.64GPM
- ◐ MP3000 (90°-210°) - 40PSI, 9.1m Radius, 1.82GPM
- ⊙ QUICK COUPLING VALVE
- ◑ ELECTRIC CONTROL SOLENOID VALVE
- ⋈ BRASS GATE VALVE
- EXISTING MAINLINE
- LATERAL LINE
- C CONTROLLER

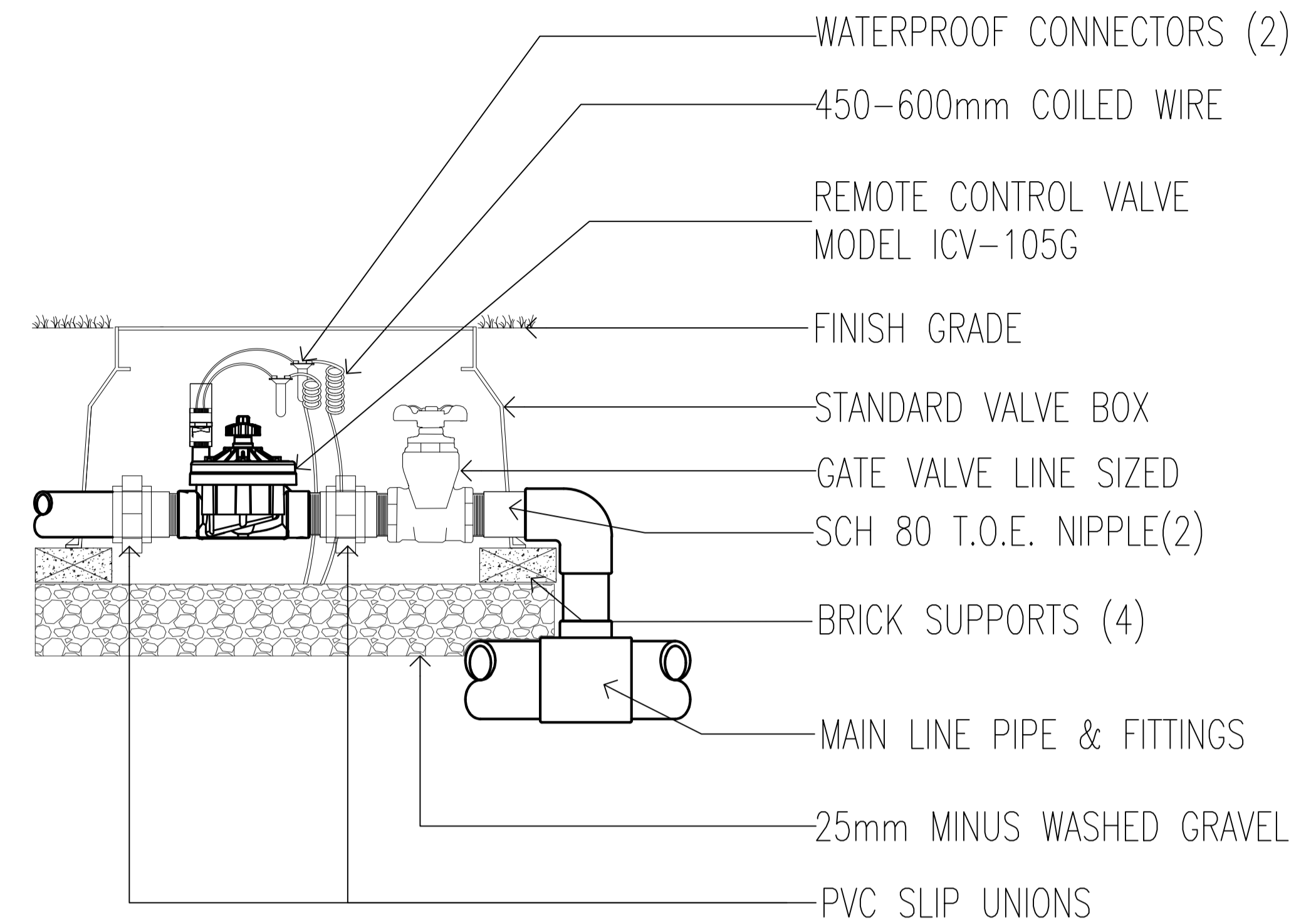
SECTION C2-2530: IRRIGATION SYSTEM - ATC CAR PARK

	Republic of the Philippines DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS	 JAPAN INTERNATIONAL COOPERATION AGENCY	PREPARED BY: ERACIO T. PATDU <small>PROF. CIVIL ENGINEER PTR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 T.L.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING IRRIGATION SYSTEM LAYOUT (6)	SHEET NO: C2-2500-12 DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE 							DATE: JUNE 2013 INDEX: _____ AMENDMENTS: _____ Prepared by: WIM Checked by: HC Validated by: _____

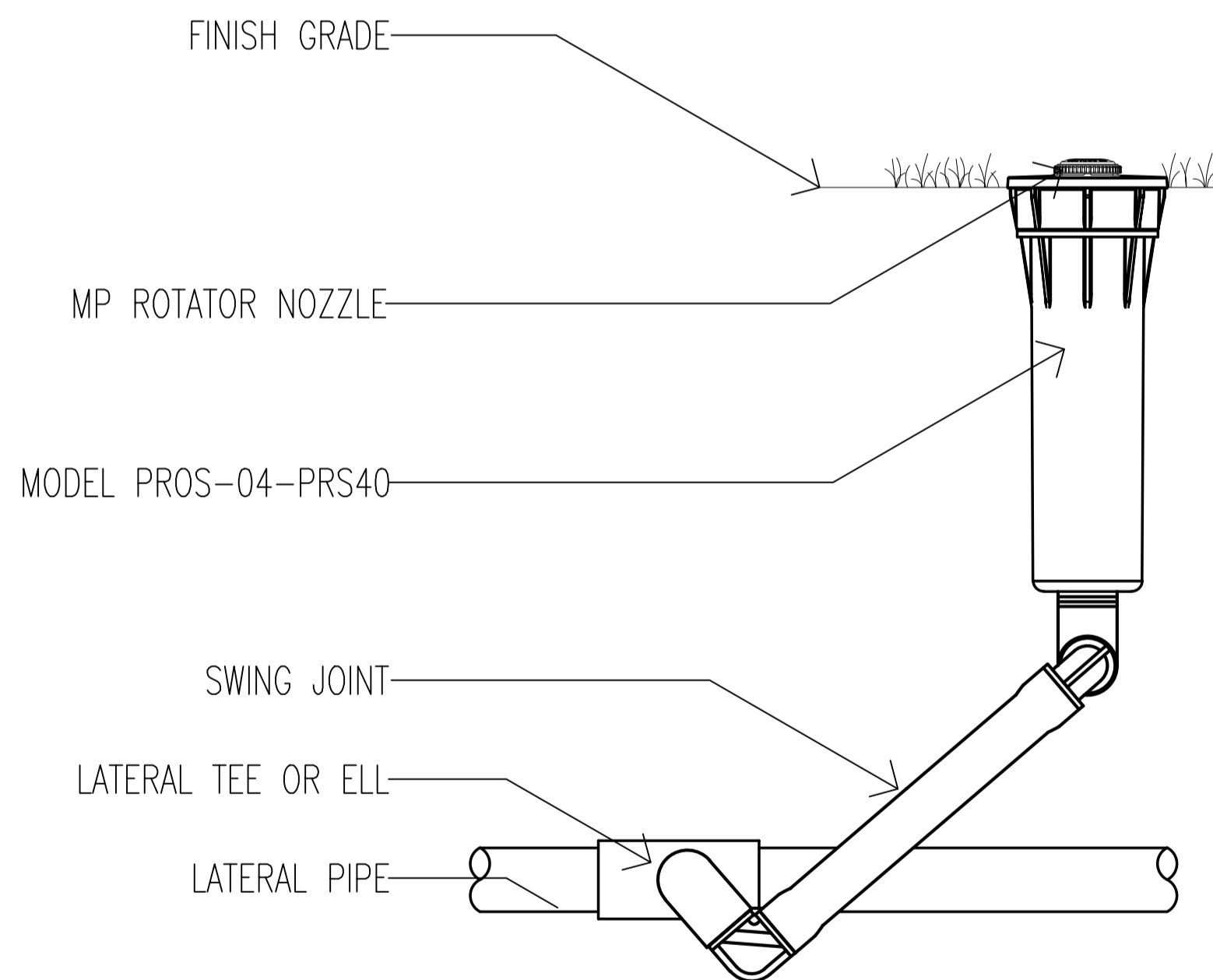


NOTE
 SPECIFY 6, 12, 18, 24, 30, 36, 42 STATION MODEL CONTROLLER. MOUNT CONTROLLER WITH LCD SCREEN AT EYE LEVEL. CONTROLLER SHALL BE HARD-WIRED TO GROUNDED 220 VAC SOURCE.

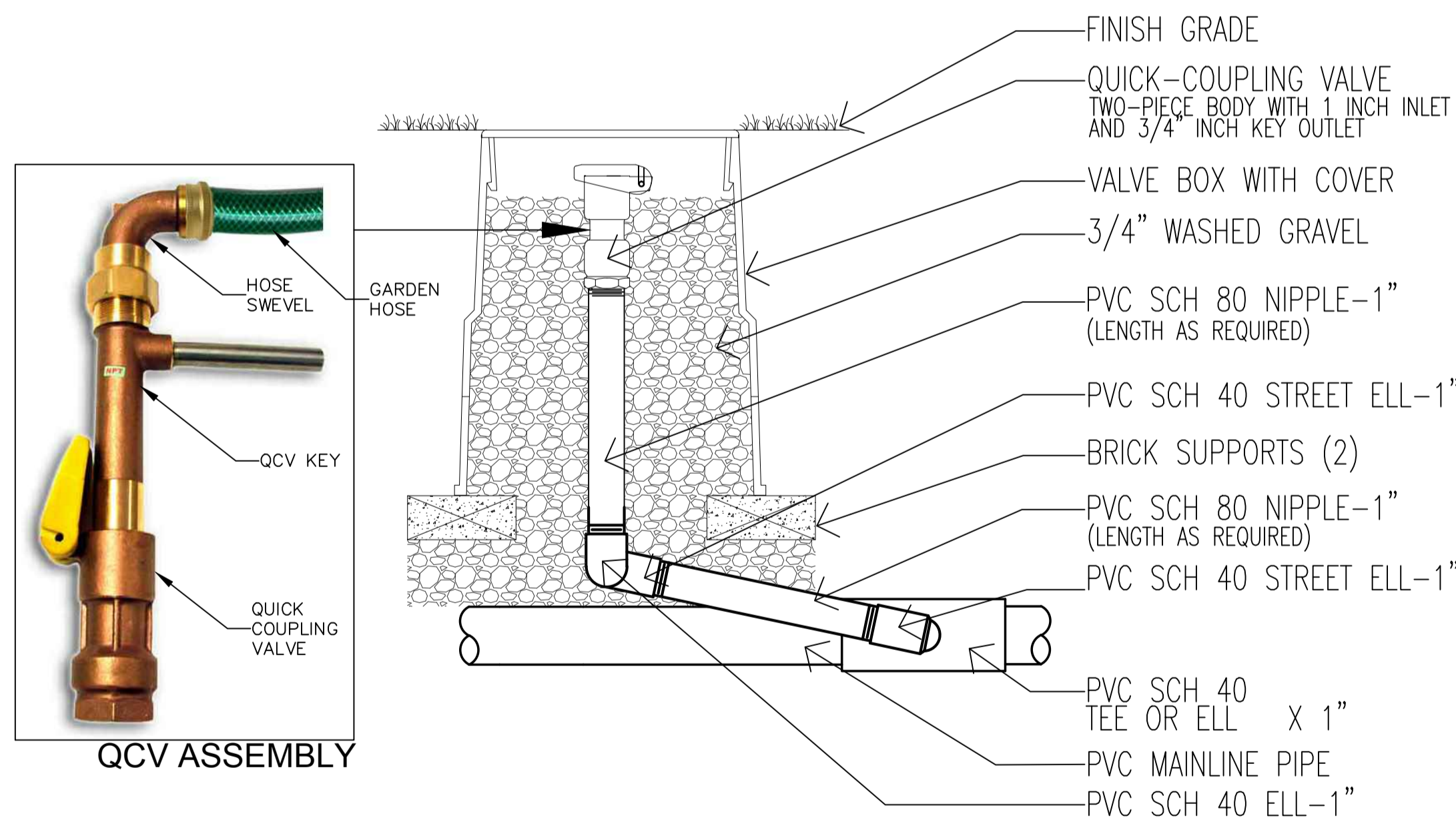
CONTROLLER INSTALLATION DETAIL



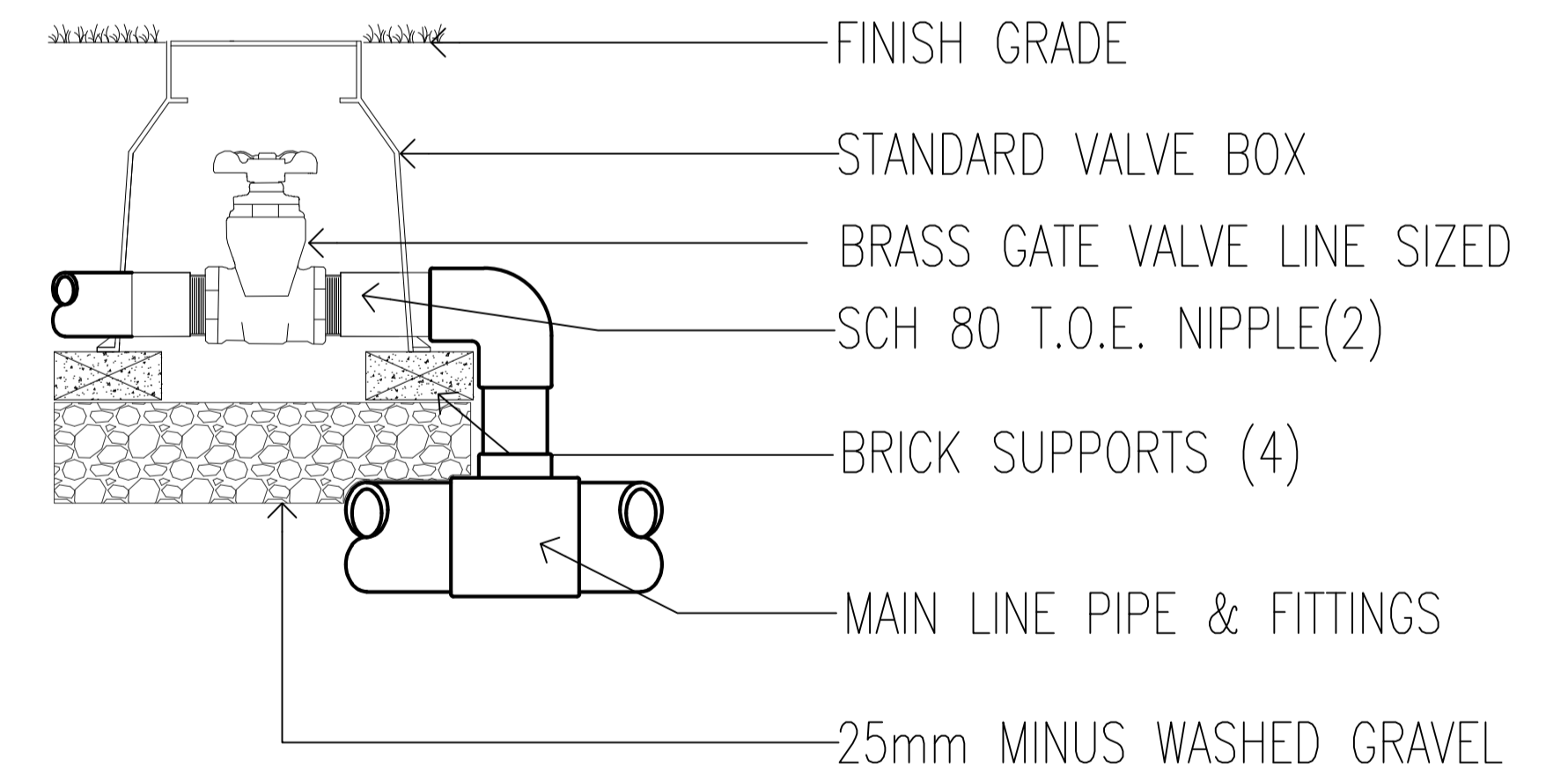
SOLENOID VALVE INSTALLATION DETAIL



SPRAY HEADS INSTALLATION DETAIL



QCV INSTALLATION DETAIL



MANUAL GATE VALVE INSTALLATION DETAIL

TYPICAL IRRIGATION EQUIPMENT INSTALLATION DETAILS

	PREPARED BY: ERACIO T. PATDU <small>PROF. CIVIL ENGINEER PRC 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 T.A.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE LANDSCAPING TYPICAL IRRIGATION EQUIPMENT INSTALLATION DETAILS	SHEET NO: C2-2500-13
	TADASHI AOI <small>Team Leader</small>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DATE INDEX AMENDMENTS JUNE 2013 Prepared by: WIM Checked by: HC Validated by:	DRAWING SCALE: AS SHOWN		