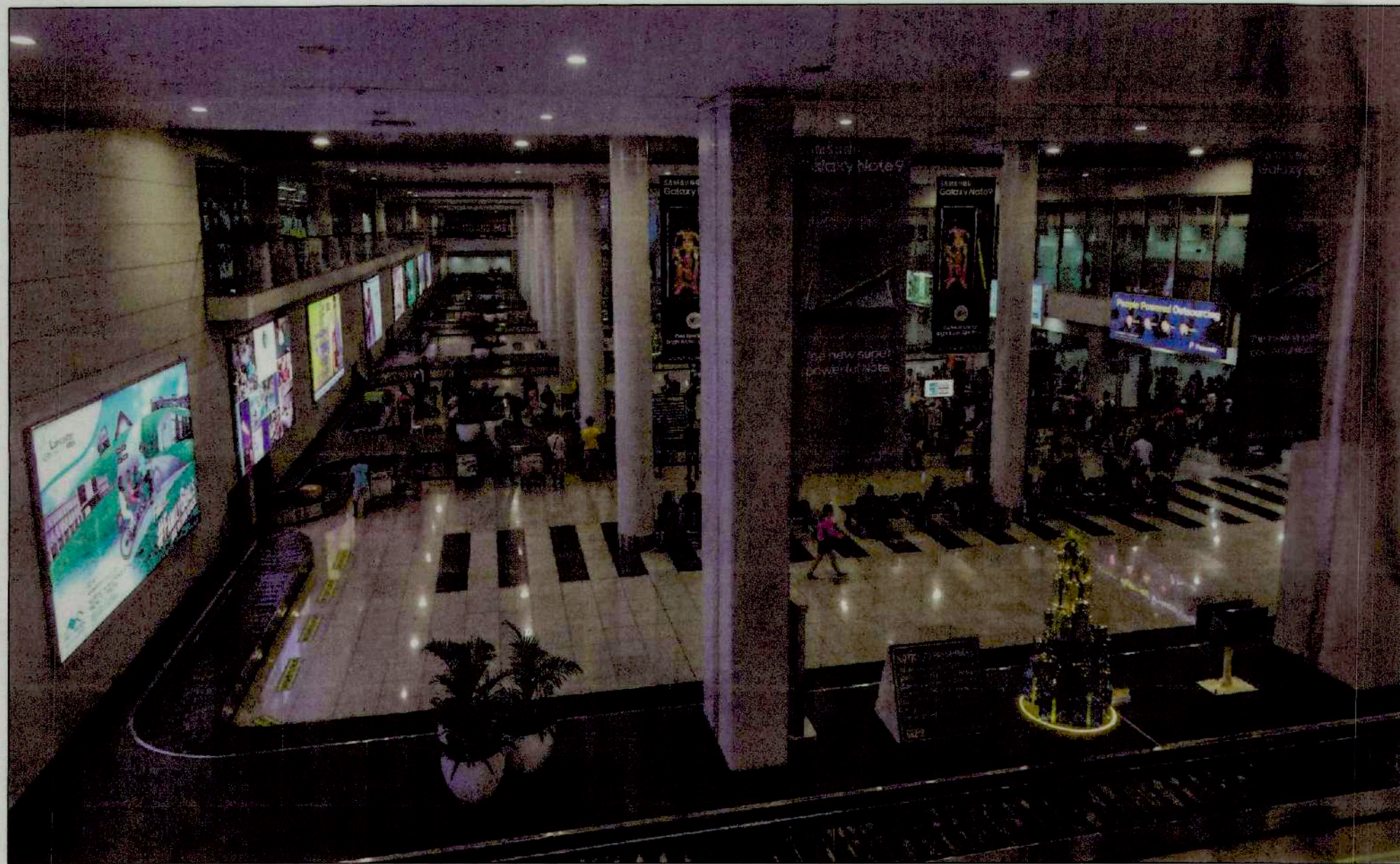
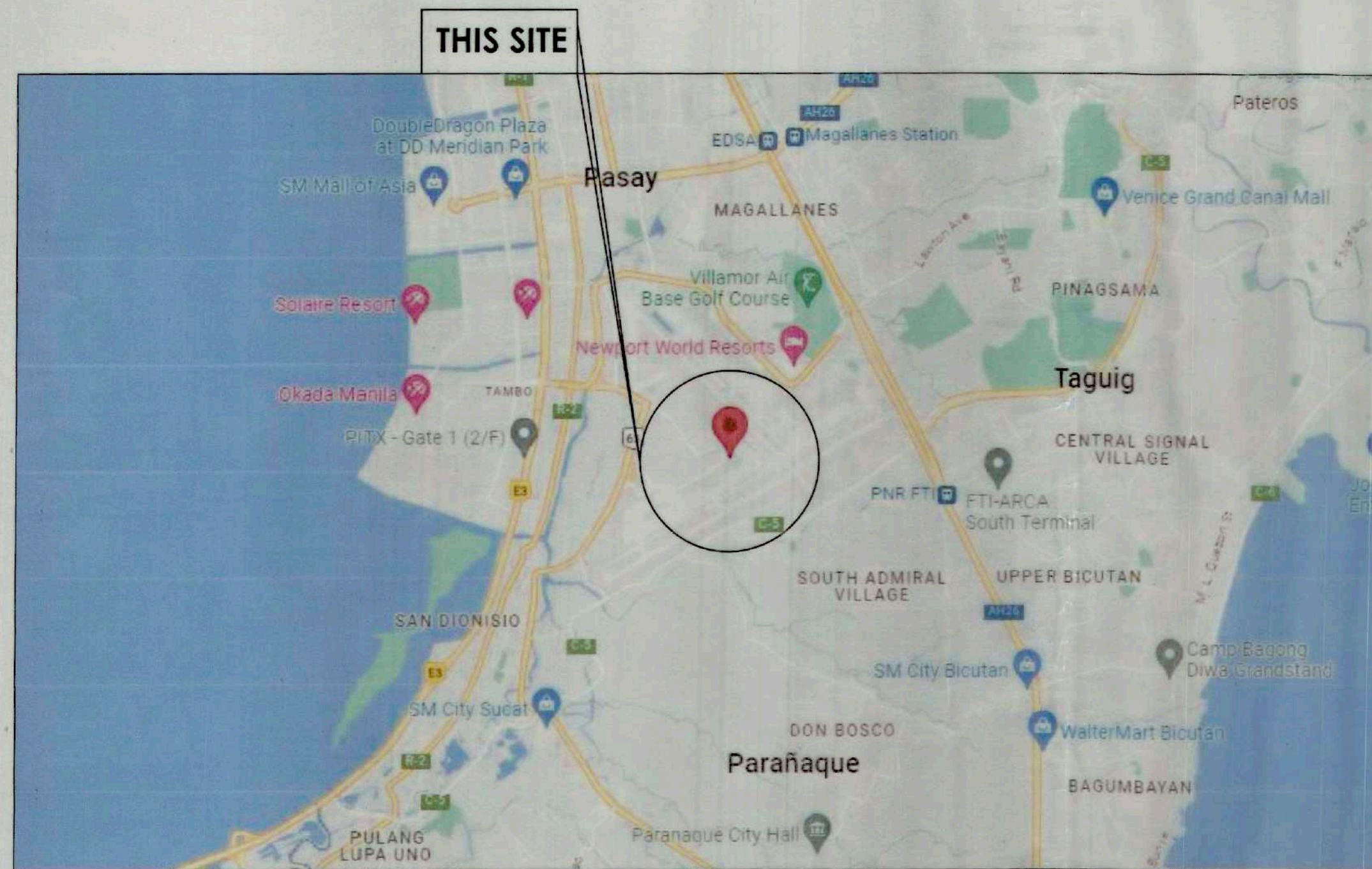
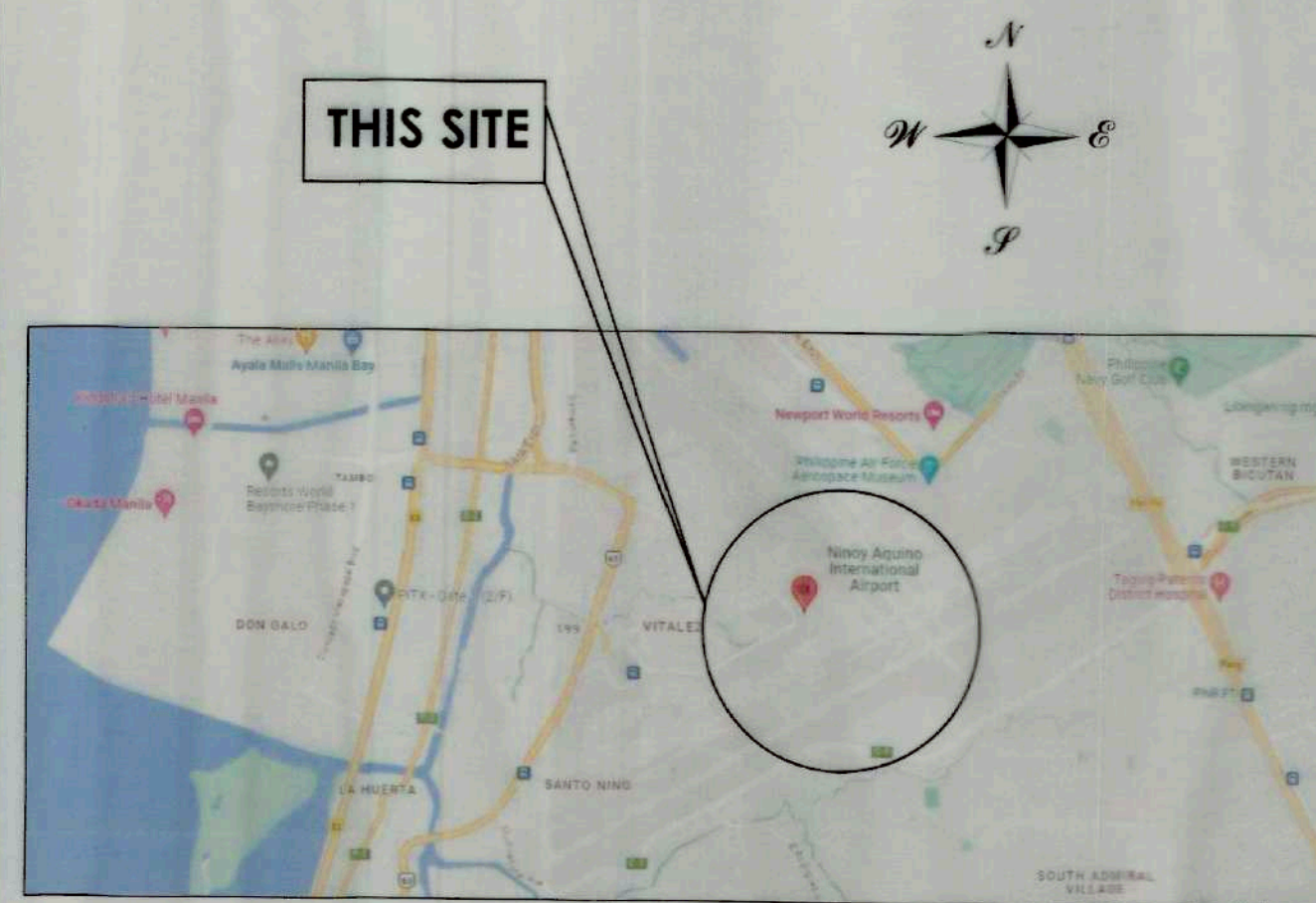




1 PERSPECTIVE
A 01



3 VICINITY MAP
A 01 NOT TO SCALE



2 LOCATION MAP
A 01 NTS

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ARCHITECTURAL

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A-02	GROUND FLOOR PLAN SOUTH WING ARRIVAL LEVEL
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SCOPE OF WORK:

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS & HIGHWAYS
OFFICE OF THE BUILDING OFFICIAL

DISTRICT/CITY/MUNICIPALITY

LAND USE & ZONING

LINE AND GRADE

ARCHITECTURAL

CIVIL/STRUCTURAL

ELECTRICAL

MECHANICAL

SANITARY

PLUMBING

ELECTRONICS

INTERIOR DESIGN



TIEZA
TOURISM INFRASTRUCTURE
AND ENTERPRISE ZONE AUTHORITY
6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA
DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE
CORNER EDSA EXTENSION BAY AREA PASAY CITY 1308

PROJECT TITLE/LOCATION
SUPPLY, DELIVER AND INSTALLATION
OF LED SCREEN PANELS AT
INTERNATIONAL AND DOMESTIC
ARRIVALS AREA AT NAIA TERMINAL 2
NAIA TERMINAL 2 PASAY, METRO MANILA

PROJECT EVALUATION AND PLANNING DEPARTMENT
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DRAWN BY: O.B. SAN JUAN
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CHECKED BY:
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PROJECT PLANNING & DESIGN DIVISION
REVIEWED BY:
JEFFREY L. MACALALAD
MANAGER
OIC PROJECT EVALUATION AND PLANNING DEPARTMENT

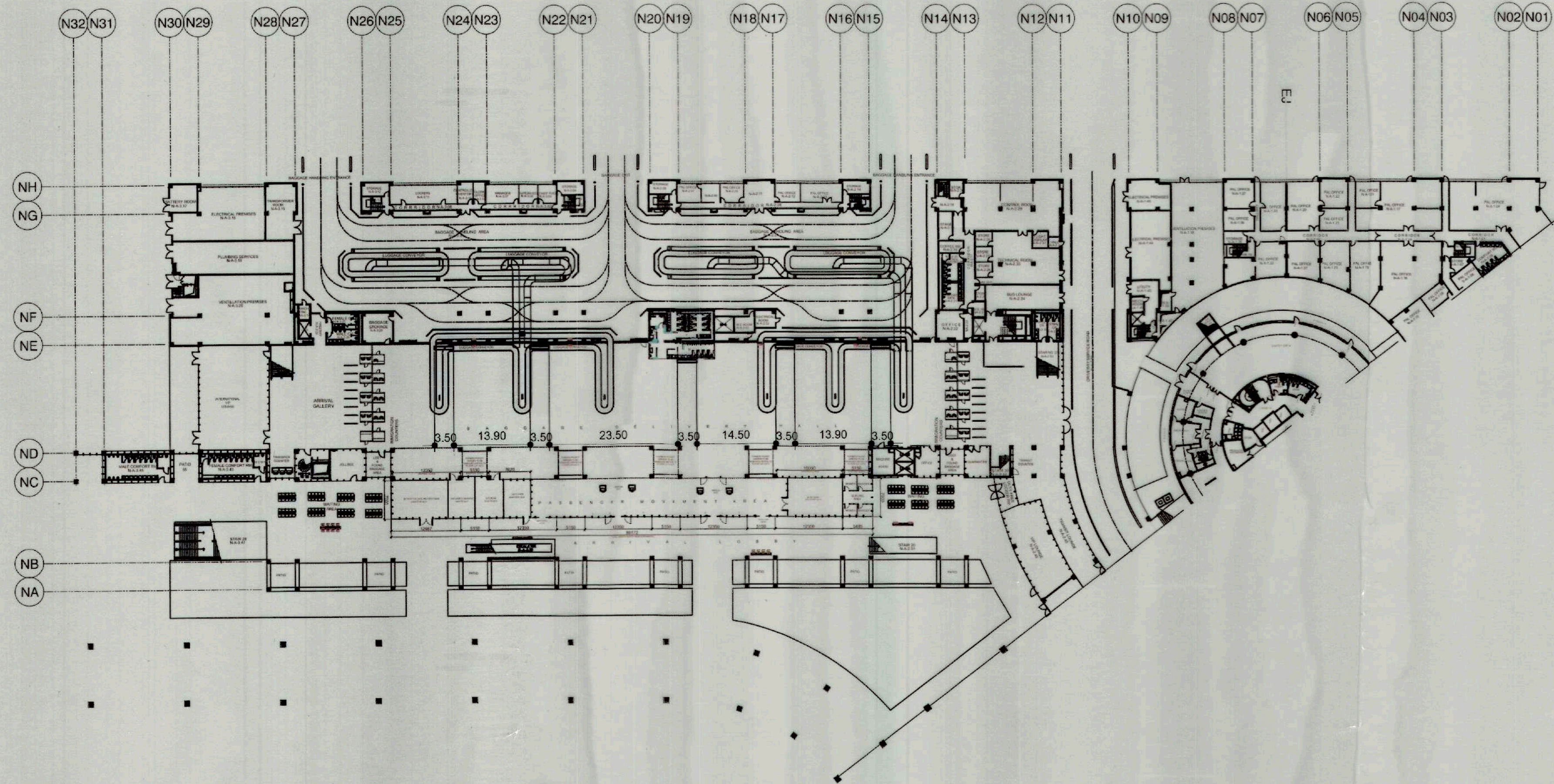
RECOMMENDING APPROVAL:
GREGORY A. OLLER
ASSISTANT CHIEF OPERATING OFFICER
Architectural & Engineering Services Sector

APPROVED BY:
MARK T. LAPID
CHIEF OPERATING OFFICER

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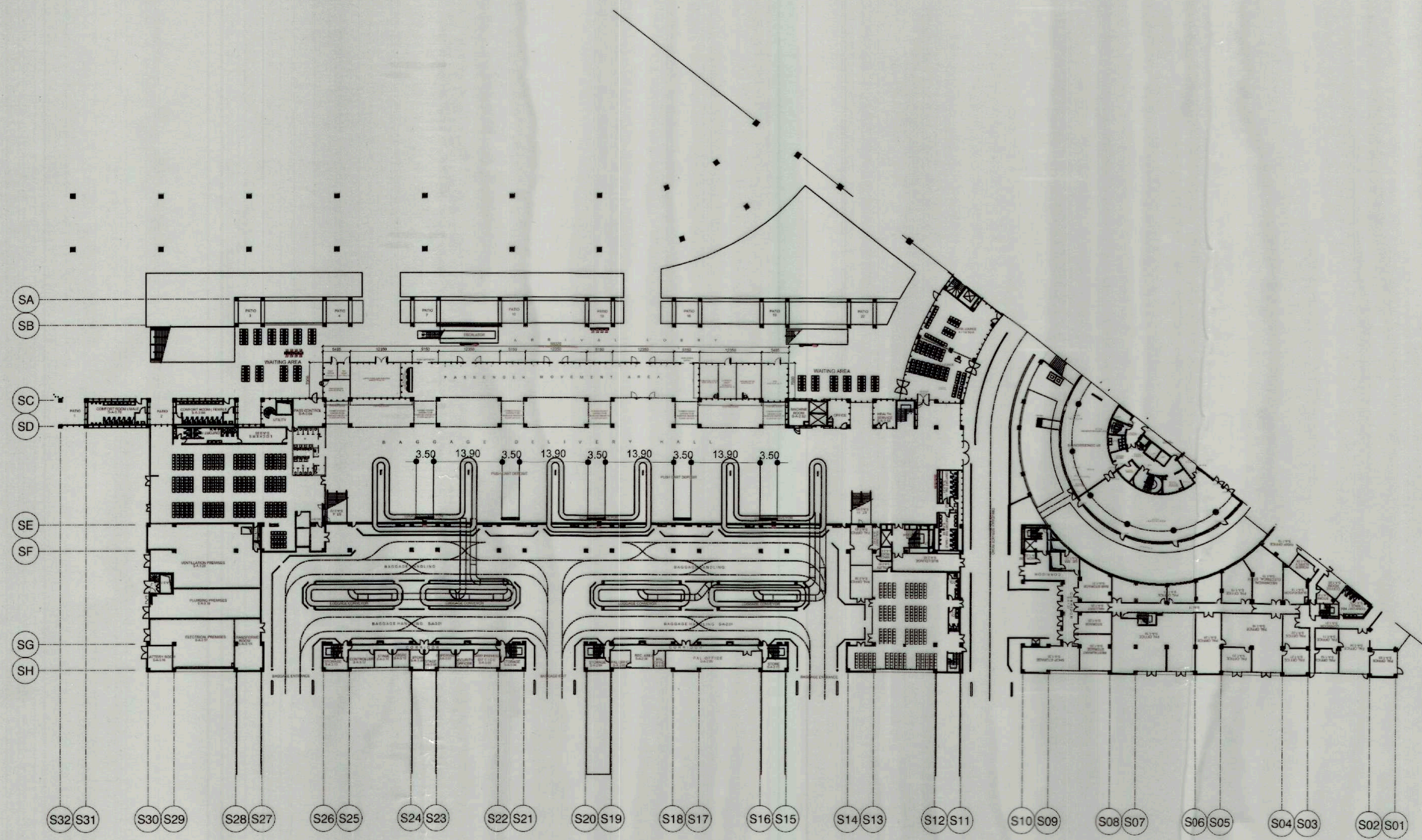
SHEET NO.
G 01
7



GROUND FLOOR PLAN
N O R T H W I N G
1 ARRIVAL LEVEL
A 01 SCALE NTS

LEGEND:
LED SCREEN

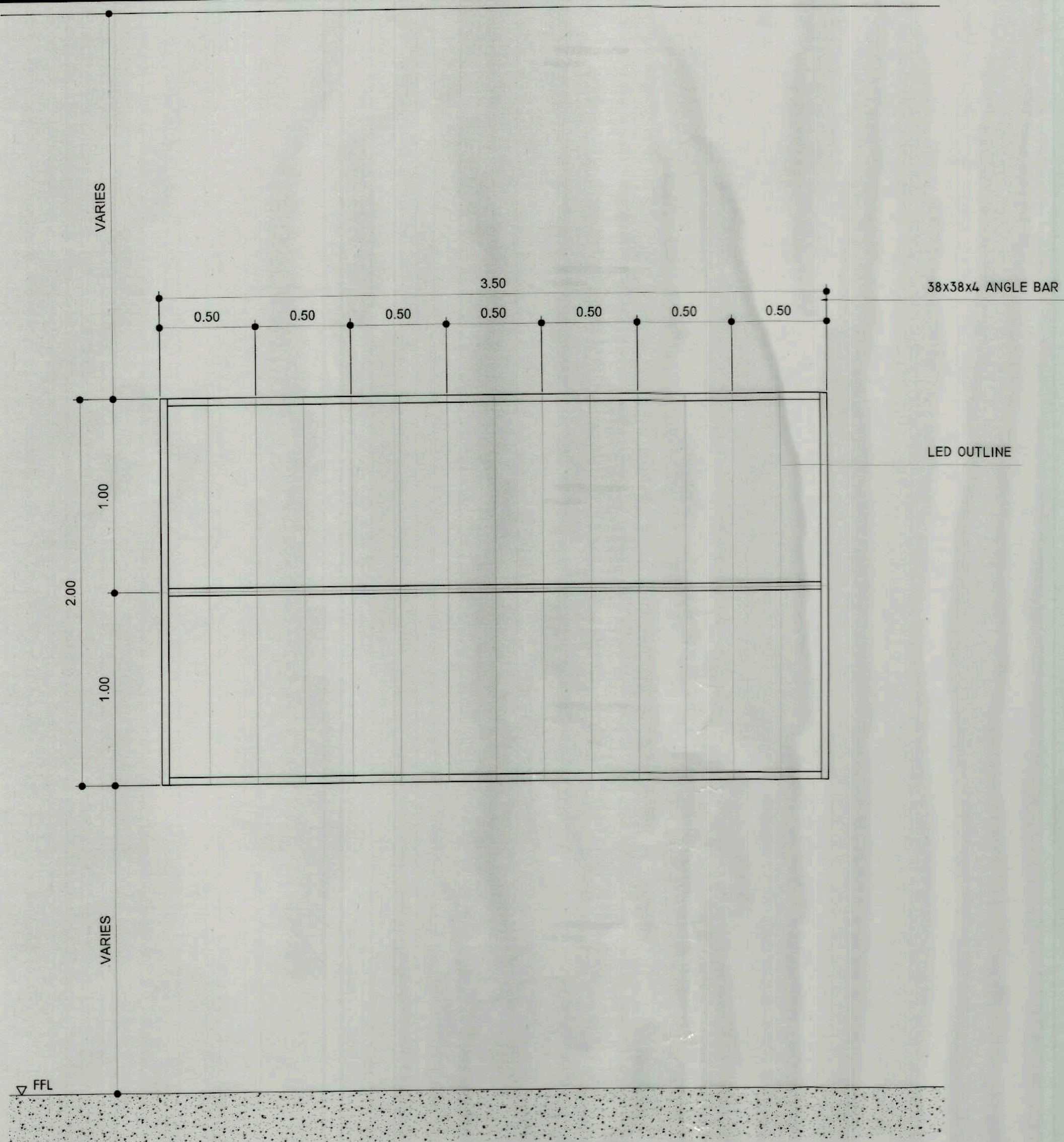
	TIEZA TOURISM INFRASTRUCTURE AND ENTERPRISE ZONE AUTHORITY 6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE CORNER EDSA EXTENSION BAY AREA PASAY CITY 1308	PROJECT TITLE/LOCATION SUPPLY, DELIVER AND INSTALLATION OF LED SCREEN PANELS AT INTERNATIONAL AND DOMESTIC ARRIVALS AREA AT NAIA TERMINAL 2 NAIA TERMINAL 2 PASAY, METRO MANILA	PROJECT EVALUATION AND PLANNING DEPARTMENT PREPARED BY: ODOÑO B. SAN JUAN CHECKED BY: RADY E. ADAME REVIEWED BY: GEOFFREY L. MACALALAD DRAWN BY: O.B. SAN JUAN DATE: _____ MANAGER, PROJECT PLANNING & DESIGN DIVISION MANAGER, OIC PROJECT EVALUATION AND PLANNING DEPARTMENT	RECOMMENDING APPROVAL: GREGORY A. OLLER ASSISTANT CHIEF OPERATING OFFICER Architectural & Engineering Services Sector	APPROVED BY: MARK T. LAPID CHIEF OPERATING OFFICER	SHEET CONTENTS: AS SHOWN REVISIONS:	R.A. 9266 THIS DRAWING AS INSTRUMENT OF SERVICE IS A PROPERTY OF TIEZA. IT SHALL BE UNLAWFUL TO DUPLICATE OR TO MAKE COPIES OF THIS DOCUMENT WITHOUT THE CONSENT OF TIEZA.	SHEET NO. A 01 7
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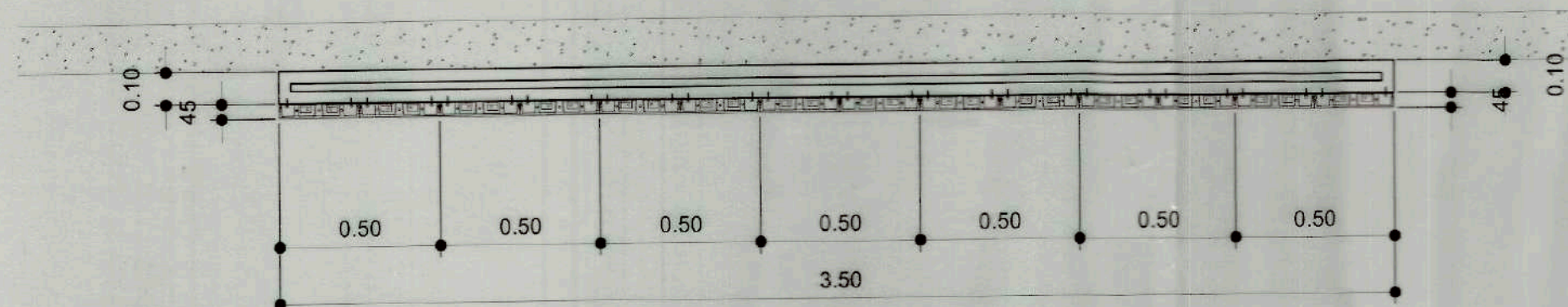
GROUND FLOOR PLAN
SOUTH WING
ARRIVAL LEVEL
1
A 02
SCALE NTS

LEGEND:
 LED SCREEN

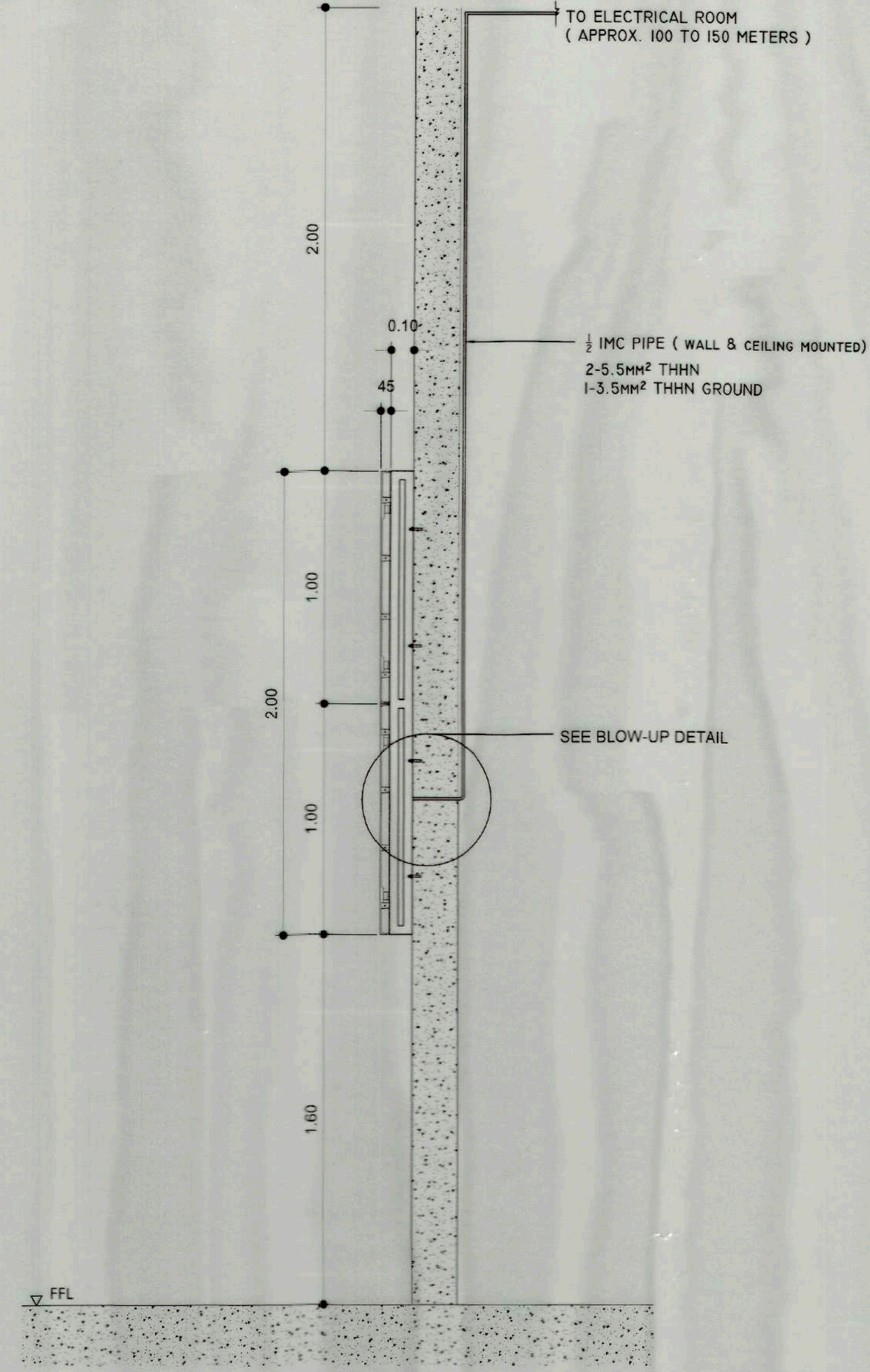
	TIEZA TOURISM INFRASTRUCTURE AND ENTERPRISE ZONE AUTHORITY 6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE CORNER EDSA EXTENSION BAY AREA PASAY CITY 1308	PROJECT TITLE/LOCATION SUPPLY, DELIVER AND INSTALLATION OF LED SCREEN PANELS AT INTERNATIONAL AND DOMESTIC ARRIVALS AREA AT NAIA TERMINAL 2 NAIA TERMINAL 2 PASAY, METRO MANILA	PROJECT EVALUATION AND PLANNING DEPARTMENT			RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	R.A. 9266	SHEET NO.
			PREPARED BY: ODONILO B. SAN JUAN DRAWN BY: DATE:	CHECKED BY: RADY E. ADAME MANAGER PROJECT PLANNING & DESIGN DIVISION	REVIEWED BY: JEOFFREY L. MACALALAD MANAGER, OIC PROJECT EVALUATION AND PLANNING DEPARTMENT	 GREGORY A. OLLER ASSISTANT CHIEF OPERATING OFFICER Architectural & Engineering Services Sector	 MARK T. LAPID CHIEF OPERATING OFFICER	AS SHOWN	THIS DRAWING AS INSTRUMENT OF SERVICE IS A PROPERTY OF TIEZA. IT SHALL BE UNLAWFUL TO DUPLICATE OR TO MAKE COPIES OF THIS DOCUMENT WITHOUT THE CONSENT OF TIEZA.	A 02 7



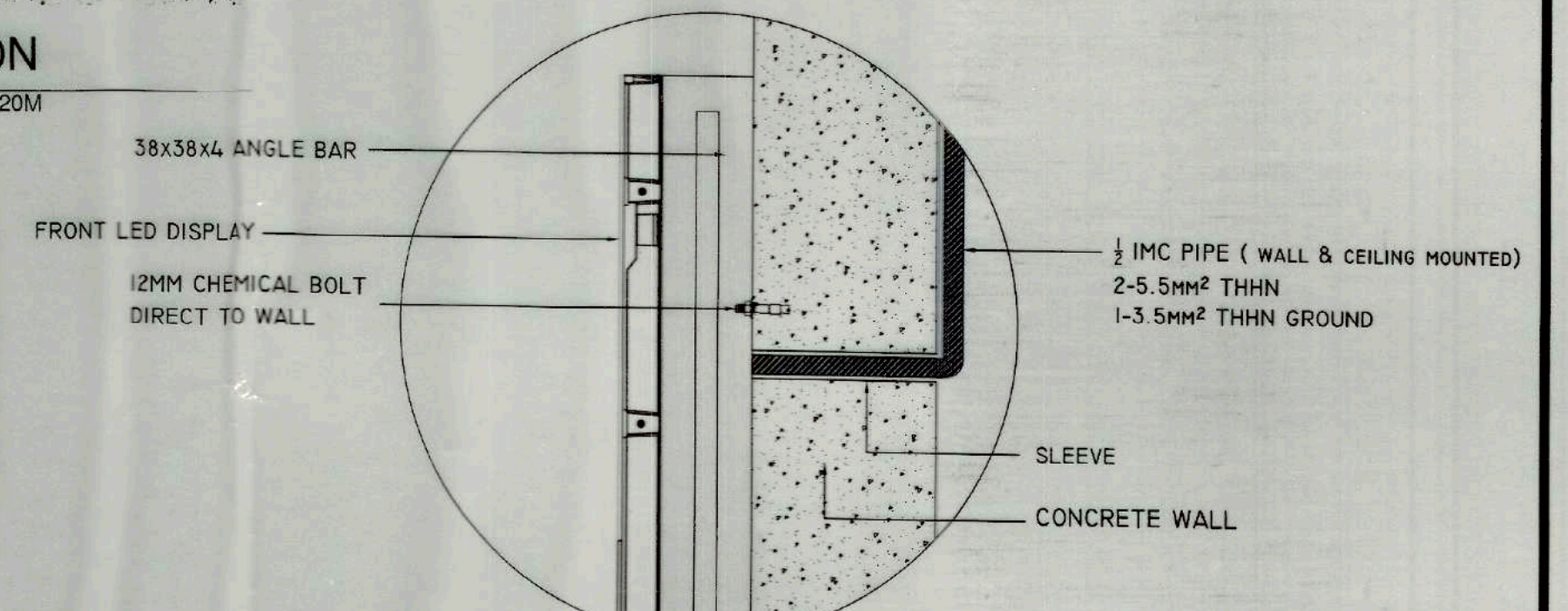
2 FRONT ELEVATION
A 03 SCALE: 1:20M



1 PLAN
A 03 SCALE: 1:20M



3 SIDE ELEVATION
A 03 SCALE: 1:20M



4 BLOW-UP DETAIL
A 03 NTS

LED SCREEN DETAIL



TIEZA
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AND ENTERPRISE ZONE AUTHORITY
6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA
DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE
CORNER EDSA EXTENSION BAY AREA PASAY CITY 1308

PROJECT TITLE/LOCATION
SUPPLY, DELIVER AND INSTALLATION
OF LED SCREEN PANELS AT
INTERNATIONAL AND DOMESTIC
ARRIVALS AREA AT NAIA TERMINAL 2
NAIA TERMINAL 2 PASAY, METRO MANILA

PROJECT EVALUATION AND PLANNING DEPARTMENT
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CHECKED BY: R.A. ADAME
REVIEWED BY: J.E. MACALALAD
DATE: _____
MANAGER
PROJECT PLANNING & DESIGN DIVISION
OIC PROJECT EVALUATION AND PLANNING DEPARTMENT

RECOMMENDING APPROVAL:
GREGORY A. OLLER
ASSISTANT CHIEF OPERATING OFFICER
Architectural & Engineering Services Sector

APPROVED BY:
MARK T. LAPID
CHIEF OPERATING OFFICER

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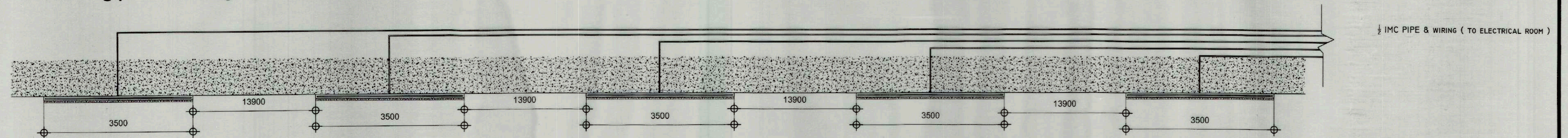
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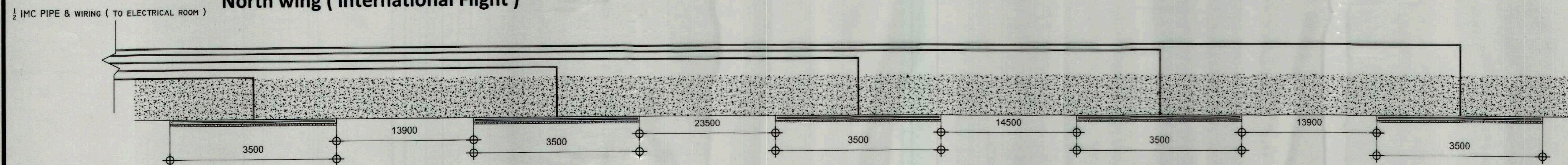
A 03
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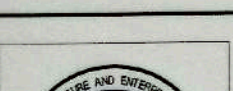
South wing (Domestic Flight)



North wing (international Flight)



1 ELECTRICAL LAYOUT PLAN
E 01 NTS

 TIEZA TOURISM INFRASTRUCTURE AND ENTERPRISE ZONE AUTHORITY 6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE CORNER EDSA EXTENSION BAY AREA PASAY CITY 1308	PROJECT TITLE/LOCATION	PROJECT EVALUATION AND PLANNING DEPARTMENT			RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	R.A. 9266	SHEET NO.
	SUPPLY, DELIVER AND INSTALLATION OF LED SCREEN PANELS AT INTERNATIONAL AND DOMESTIC ARRIVALS AREA AT NAIA TERMINAL 2 NAIA TERMINAL 2 PASAY, METRO MANILA	PREPARED BY:	CHECKED BY:	REVIEWED BY:			AS SHOWN	THIS DRAWING AS INSTRUMENT OF SERVICE IS A PROPERTY OF TIEZA. IT SHALL BE UNLAWFUL TO DUPLICATE OR TO MAKE COPIES OF THIS DOCUMENT WITHOUT THE CONSENT OF TIEZA.	E 01 7
		JUNRIEH B. PAPELIRAS	RADY E. ADAME	JEFFREY L. MACALALAD	GREGORY A. OLLER	MARK T. LAPID			
		DRAWN BY: O.B. SANJUAN	MANAGER PROJECT PLANNING & DESIGN DIVISION	MANAGER, OIC PROJECT EVALUATION AND PLANNING DEPARTMENT	ASSISTANT CHIEF OPERATING OFFICER Architectural & Engineering Services Sector	CHIEF OPERATING OFFICER			
DATE:						REVISIONS:			

LOAD SCHEDULE AND COMPUTATION

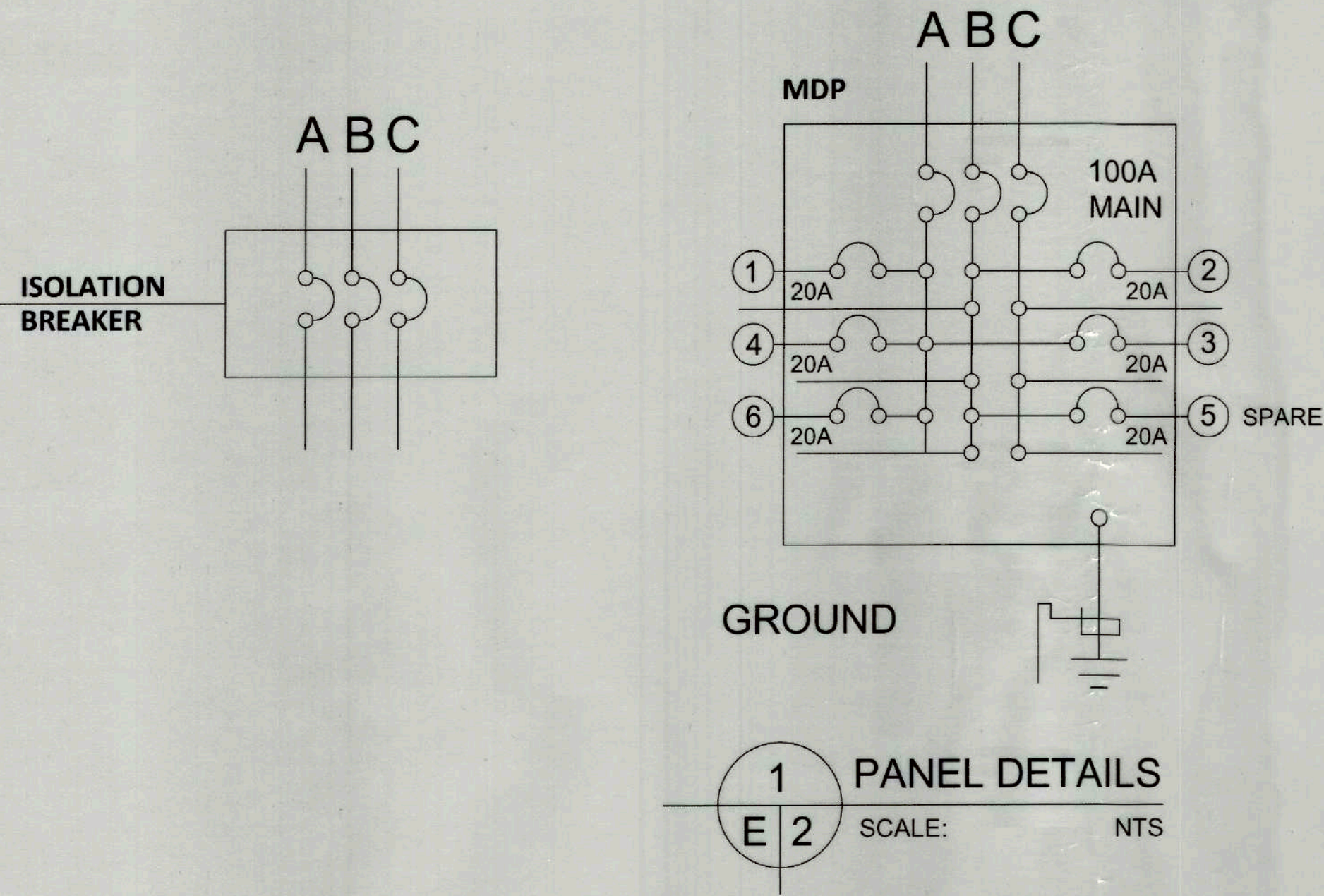
Electrical Plan for DOT LED Project

PB SOUTHWING, PB NORTHWING (TYPICAL)

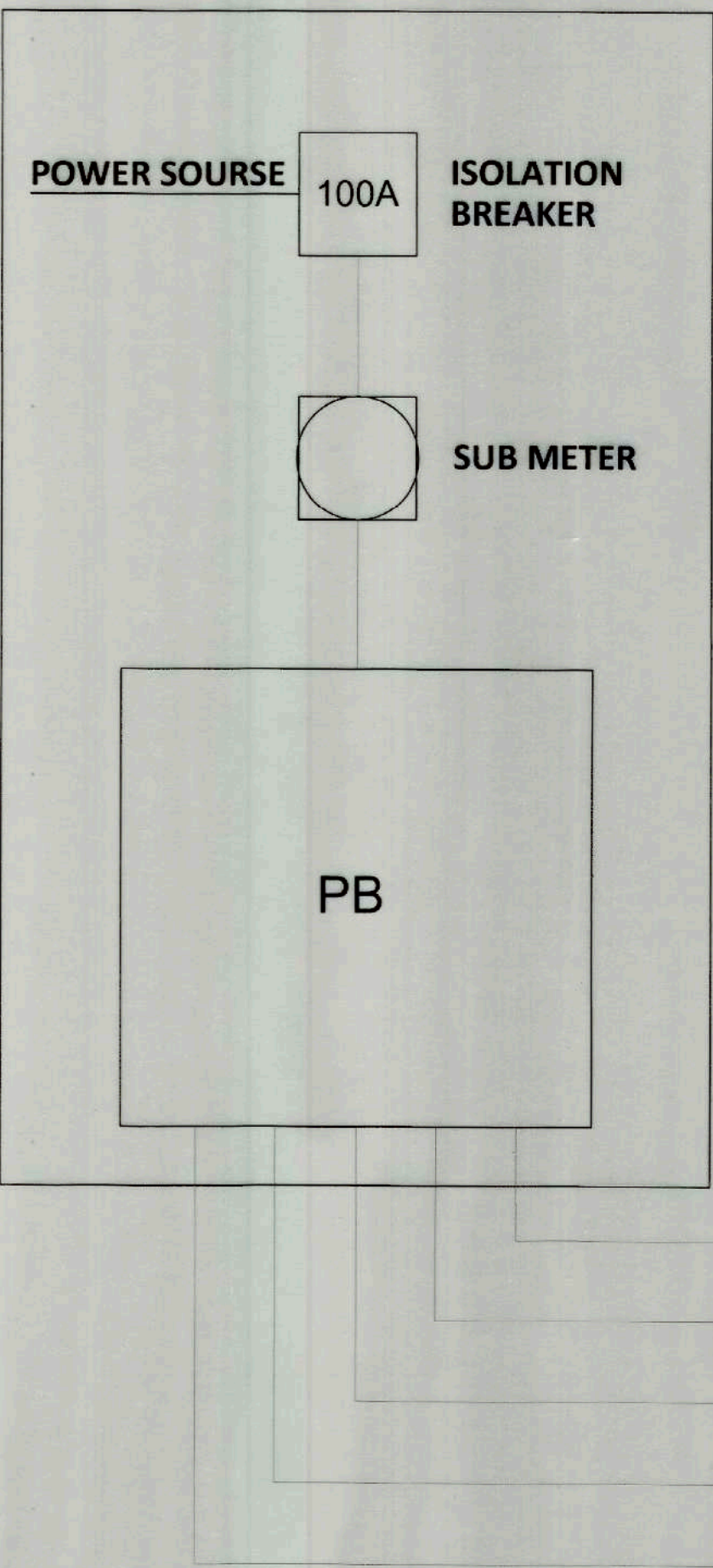
CKT. NO	LOAD DESCRIPTION	WATTS	VOLTS	AMPS	THREE PHASE			BREAKER			SIZE OF WIRES AND CONDUIT
					AB	BC	CA	AT	AF	P	
1	LED-1	3150	230	13.69	13.69			20	50	2	2 - 5.5mm ² THNN + 1 - 3.5mm ² THHN GND IN 1/2" IMC CONDUIT PIPE
2	LED-2	3150		13.69		13.69		20	50	2	2 - 5.5mm ² THNN + 1 - 3.5mm ² THHN GND IN 1/2" IMC CONDUIT PIPE
3	LED-3	3150		13.69			13.69	20	50	2	2 - 5.5mm ² THNN + 1 - 3.5mm ² THHN GND IN 1/2" IMC CONDUIT PIPE
4	LED-4	3150		13.69	13.69			20	50	2	2 - 5.5mm ² THNN + 1 - 3.5mm ² THHN GND IN 1/2" IMC CONDUIT PIPE
5	LED-5	3150		13.69		13.69		20	50	2	2 - 5.5mm ² THNN + 1 - 3.5mm ² THHN GND IN 1/2" IMC CONDUIT PIPE
6	SPARE										
TOTAL		15,750	230	68.47	27.38	27.38	13.69				

IT = 27.38AMP x 1.732
IT = 47.32AMP
MAIN: 100AT, 3Ø, 230V&60HZ

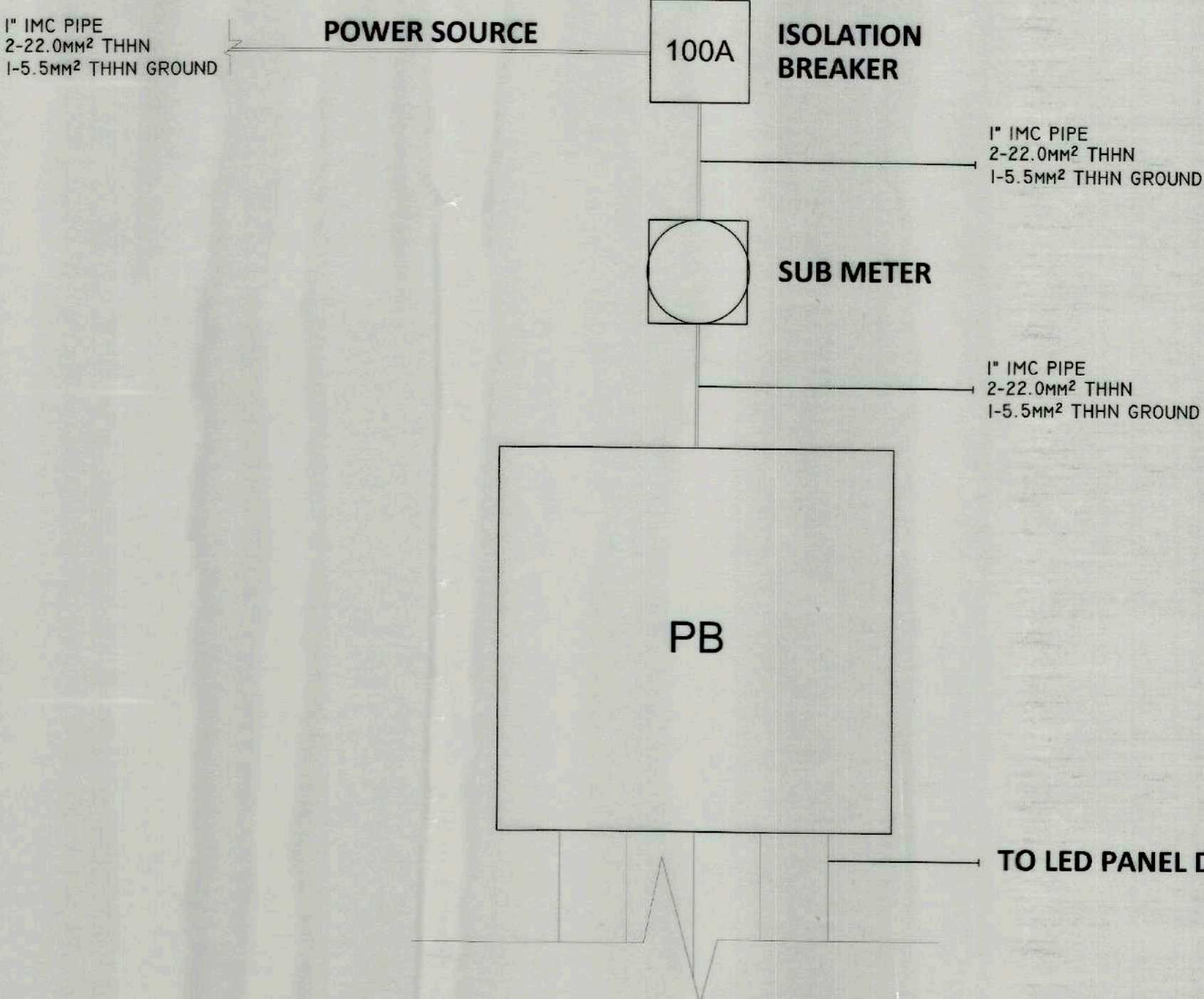
MAIN FEEDER LINE:
USE 2 - 22.0mm² THHN - 1 - 5.5mm² THHN GND wire in a 1" IMC Pipe



1 PANEL DETAILS
E 2 SCALE: NTS

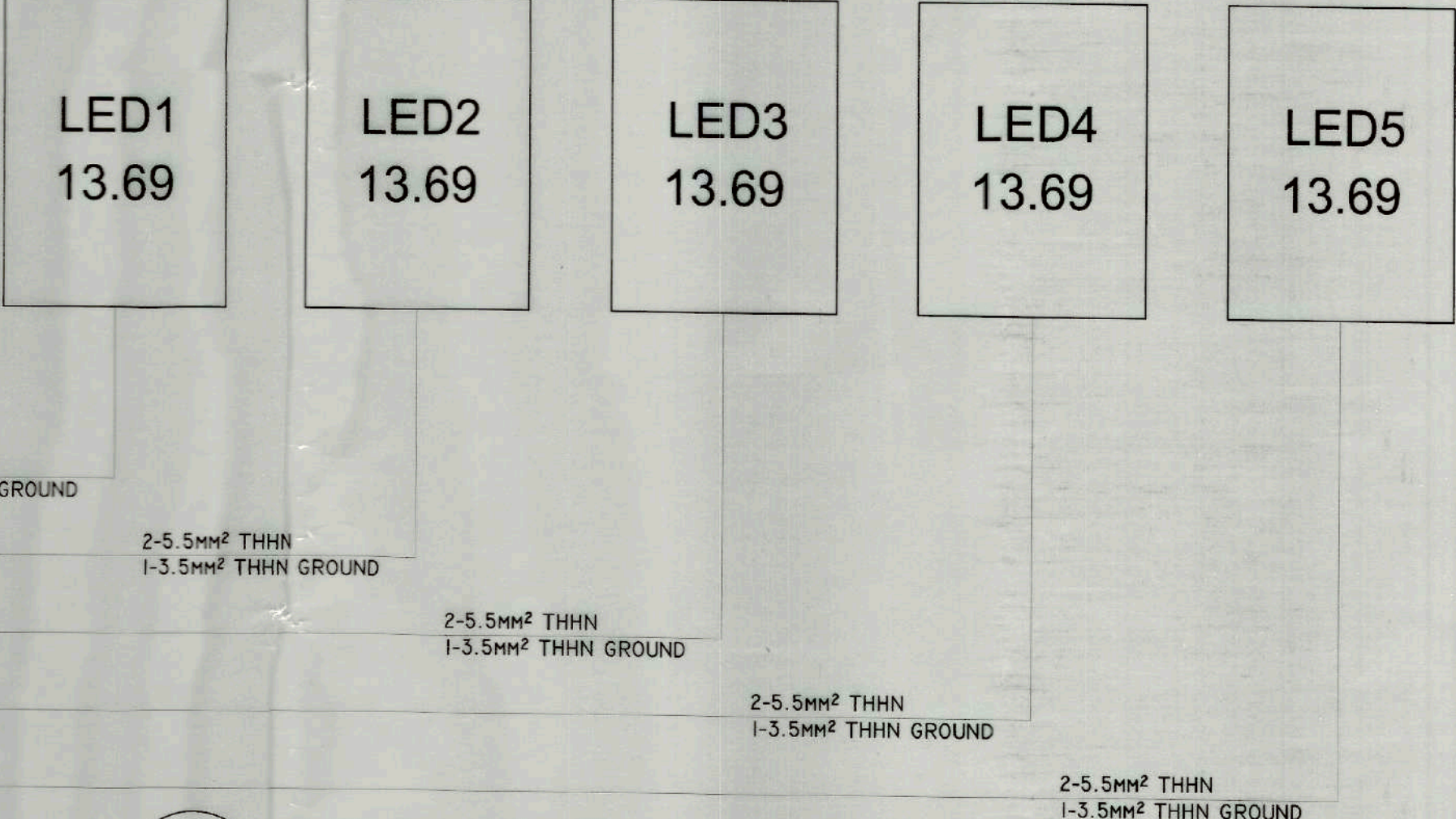


2 RISER DIAGRAM
E 1 SCALE: NTS



3 FEEDER LINE DETAILS
E 1 SCALE: NTS

PB SOUTHWING, PB NORTHWING (TYPICAL)



TIEZA
TOURISM INFRASTRUCTURE
AND ENTERPRISE ZONE AUTHORITY
6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA
DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE
CORNER EDSA EXTENSION BAY AREA PASAY CITY 1308

PROJECT TITLE/LOCATION
SUPPLY, DELIVER AND INSTALLATION
OF LED SCREEN PANELS AT
INTERNATIONAL AND DOMESTIC
ARRIVALS AREA AT NAIA TERMINAL 2
NAIA TERMINAL 2 PASAY, METRO MANILA

PROJECT EVALUATION AND PLANNING DEPARTMENT
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REVIEWED BY: JEOFFREY L. MACALALAD
DRAWN BY: O.B. SANJUAN
DATE: _____
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RECOMMENDING APPROVAL: GREGORY A. OLLER
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Architectural & Engineering Services Sector

APPROVED BY: MARK T. LAPID
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Module /			
Pixel pitch	2.6 mm	Pixel configuration	1R 1G 1B
Module size(w x h)	250mmx250mm	Module resolution	96*96
Pixel Density	147456 pixels/m ²	LED type	Nationstar SMD2121

Cabinet size(w x h x d)(mm)	500*1000mm	Cabinet resolution:	192*384
Material	Aluminum	Module Quantity	8
Weight(kg/pc)	11.2	Total weight for the screen(kg)	156.8
Max.Power consumption(w/m ²)	450	Avg.Power consumption(w/m ²)	150

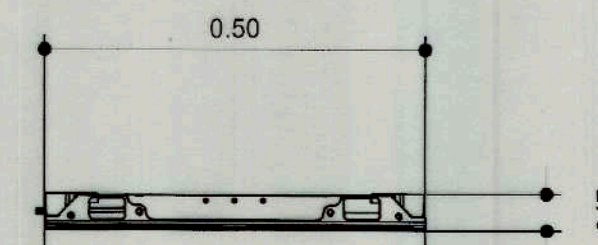
ITEM	Height	Width	Total
Cabinet Quantity(pcs)	2	7	14
Cabinet size(m)	1.0	0.5	0.5
Screen size(H*Wsqm.)	2.0	3.50	7.00
Screen resolution(dots)	1152.0	1344.0	1548288.0
Max.Power consumption(watts)	3150	Avg.Power consumption(watts)	1050

/ Technical Parameter /

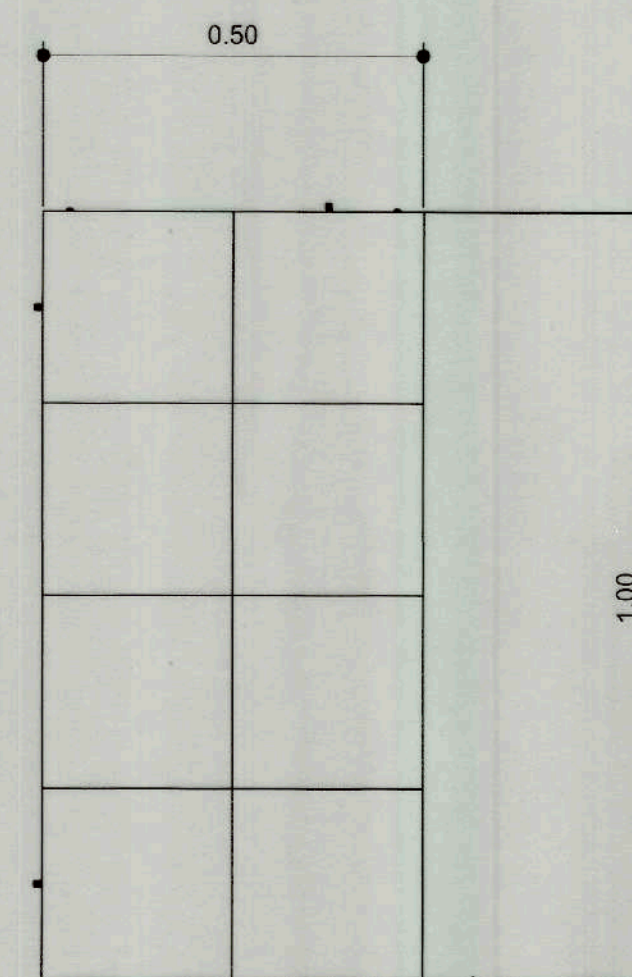
brightness	800-1000cd/m²
Driving Mode	Constant current
viewing angle	Horizontal 140deg. Vertical 140 deg.
Best Viewing Distance	2m or further
Ingress Protection	IP20
Grey Level	14-16bit
Refresh frequency	>3840Hz
Lifetime at 50% brightness	>100,000 hours
Blind Spot Rate	<0.0003
Input voltage	AC200V-240V
Operating temperature	"-20℃ ~ +60℃"
Operating humidity	10% ~ 90%
Control Distance	<120 meters: UTP CAT.6 network cable (without relay). Or optical fiber transmission for over 500M-10,000M.
Source compatibility (with video processor)	HDMI, HDSDI, SDI, VGA, RJ45, YC
Operating system	Windows/ Novastar

Other

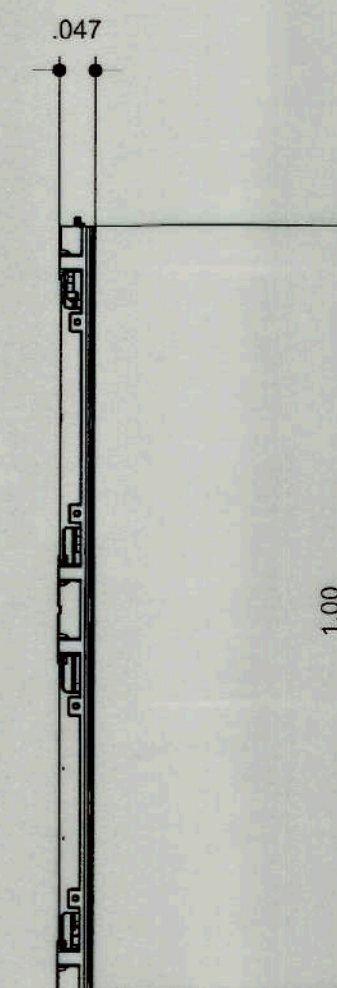
LED Controller	Novastar Taurus TB Series	
Laptop	15.6in HD Core i5-1035G1 4GB DDR4 512GB SSD Intel UHD	



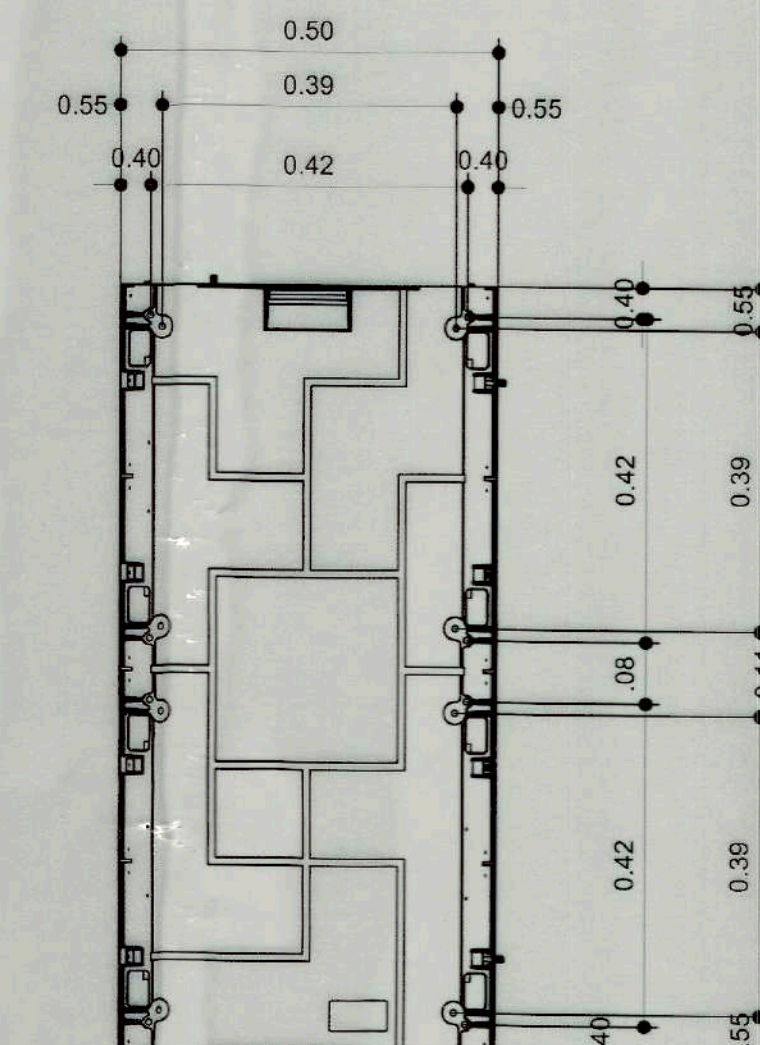
TOP VIEW



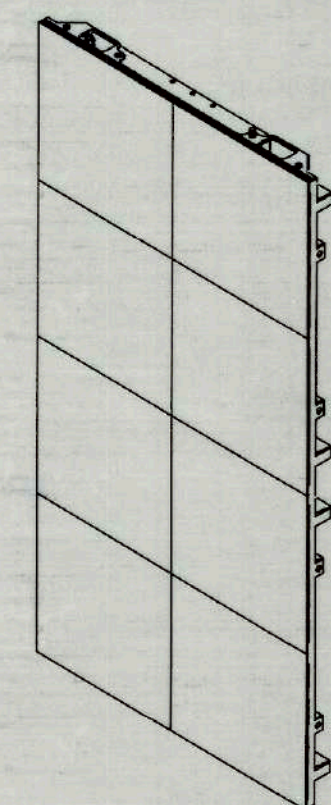
FRONT VIEW



SIDE VIEW



REAR VIEW



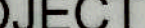
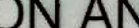
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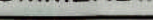
1 PANEL DETAIL
E 03 NTS



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AND ENTERPRISE ZONE AUTHORITY
6TH & 7TH FLR. TOWER 1 DOUBLE DRAGON PLAZA
DOUBLE DRAGON MERIDIAN PARK, MACAPAGAL AVENUE
CORNER EDGA EXTENSION BAY AREA PASAY CITY 1306

PROJECT TITLE/LOCATION
SUPPLY, DELIVER AND INSTALLATION OF LED SCREEN PANELS AT INTERNATIONAL AND DOMESTIC ARRIVALS AREA AT NAIA TERMINAL 2 NAIA TERMINAL 2 PASAY, METRO MANILA

PROJECT EVALUATION AND PLANNING DEPARTMENT		
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DRAWN BY: O.B. SANJUAN	MANAGER PROJECT PLANNING & DESIGN DIVISION	MANAGER, OIC PROJECT EVALUATION AND PLANNING DEPARTMENT
DATE:		

T	RECOMMENDING APPROVAL:	
	 GREGORY A. OLLER	
NT	ASSISTANT CHIEF OPERATING OFFICER Architectural & Engineering Services Sector	

APPROVED BY:	
	
MARK T. LAPID	
CHIEF OPERATING OFFICER	

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