



Malaysian Institute of Aviation Technology (MIAT A)  
20.38 ekar  
Nisbah Plot 1 : 3

**CONSTRUCTION**

03 (SI-2)	ADDITIONAL WORK AT TEMPORARY TEMPLE	29.5.2017
02 (SI-1)	REVISED PLATFORM LEVEL AT SEC A1	24.4.2017
01	RELOCATED EXISTING FENCING	
0	ADDED DRAIN AT MASJID AND TEMPLE	
	REMOVE PL PPU (SECTION 3) FROM EARTHWORK CONTRACT	
01	REVISED PLAN BASE NEW KM	
0	CONSTRUCTION	ONE OCT '16
ISSUE NO.	REVISION	BY DATE
		CHK'D APP'D

OWNER'S & DEVELOPER'S SIGNATURE:

**MALAYSIA AIRPORTS**  
MALAYSIA AIRPORTS SDN. BHD.  
(487092-W)  
Malaysia Airports Corporate Office, Persiaran Korporat KLIA, 64000, Kuala Lumpur International Airport, Sepang, Selangor Darul Ehsan, Malaysia.  
TEL : 03-8777 7000 FAX : 03-8777 7778

PROJECT :

PROPOSED EARTHWORK AND OTHER ASSOCIATED WORKS AT PART OF LOT 1210 FOR THE DEVELOPMENT OF MALAYSIA INTERNATIONAL AEROSPACE PARK AT SULTAN ABDUL AZIZ SHAH AIRPORT, SUBANG, SELANGOR DARUL EHSAN.

CONSULTANT:

**WAN HUSIN & ASSOCIATES SDN. BHD.**  
CIVIL & STRUCTURE, MECHANICAL & ELECTRICAL ENGINEERING CONSULTANT ( 284 377-X )  
NO. 2-6-1, 6th FLOOR, DIAMOND SQUARE, JALAN 3/50, OFF JALAN GOMBAK, 53000 KUALA LUMPUR.  
TEL: 603-4021 8890 FAX: 603-4021 8891  
EMAIL: wha@wanhusin.com.my

BRANCH:  
NO. 66/16, 1st FLOOR, TAMAN SRI INTAN, JALAN SULTAN OMAR, 20200 KUALA TERENGGANU, TERENGGANU DARUL IMAN.  
TEL: 609-623 9655 FAX: 609-624 5204  
EMAIL: whas@wanhusin.com.my

I hereby certify that these works have been designed by me in accordance with sound engineering practice and that I take full responsibility for the design and proper performance of the same.

DRAWING TITLE:

**EARTHWORK**  
**EARTHWORK LAYOUT PLAN**

DESIGN BY:	LYNN	DRAWN BY:	ONE
CHECK BY:	SUZANA	APPROVED BY:	Dato' IN'WHWE
SCALE:	1:1500	DATE:	OCTOBER 2016
PROJECT NO.:	07041	CAD FILE :	

DRAWING NO.:	C/C/EW/LP-01	01	02	03
<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> WORKING DWG.	<input checked="" type="checkbox"/> CONSTRUCTION		
<input type="checkbox"/> SUBMISSION	<input type="checkbox"/> TENDER	<input type="checkbox"/> AS-BUILT		

- LEGEND :-**
- ± 44.90 - PROPOSED ROAD LEVEL
  - PL 45.05 - PROPOSED PLATFORM LEVEL
  - 44.123 - SPOT LEVEL (M)
  - [Blue dashed line] - HOARDING
  - [Pink dashed line] - PERIMETER CHAIN LINK FENCING
  - [Blue dashed line] - SECURITY FENCING
  - [Green dashed line] - TOE DRAIN
  - [Red dashed line] - 225mm HRGW DRAIN
  - [Purple dashed line] - RETAINING WALL
  - [Yellow shaded area] - LIMIT OF WORKS
  - [Red shaded area] - WASH TROUGH
  - [Blue shaded area] - CUT AREA
  - [Red shaded area] - FILL AREA

- NOTE**
- EARTHWORKS CONTRACTOR SHALL ENSURE THAT THE PROPOSED EARTHWORKS WILL BE CARRIED OUT IN SUCH A MANNER THAT IT WILL NOT CAUSE ANY INCONVENIENCE TO THE RESIDENTS/LAND OWNER'S OF THE ADJACENT/NEIGHBOURING LOTS.
  - FILLING WILL BE CARRIED OUT IN LAYERS OF 225mm PER LAYER AND EACH SHALL BE COMPACTED WITH 6 PASSES OF A ROLLER NOT LESS THAN 8 TONS BEFORE NEW LAYER IS ADDED ON.
  - EARTHWORKS CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE WHEELS OF LORRIES ARE CLEANED BY PASSING THROUGH THE SHALLOW WATER POND WITH LOOSE AGGREGATE ON TOP AT ALL EXIT POINTS TO PREVENT POLLUTION OF EXISTING ROAD.
  - ACCESS ROAD AND EXISTING SERVICE ROAD TO BE SWEEPED, KEPT CLEAN AND FREE FROM SPILLAGE AT ALL TIMES.
  - TO CARRY OUT PERIODIC DESILTING TO THE PROPOSED WET SEDIMENT BASIN
  - CUT SLOPES AND FILL SLOPES SHALL BE OF GRADIENT 1:1.5 AND 1:2 RESPECTIVELY. ALL SLOPES SHALL BE CLOSE TURFED, WHEREAS FLAT OPEN RESERVES SHALL BE SPOT TURFED.
  - CRUSHING STONE USING EXPLOSIVE MATERIAL MUST GET WRITTEN APPROVAL FROM ROYAL MALAYSIA POLICE (PDRM), DEPARTMENT OF LAND AND MINES (PTG), DEPARTMENT OF ENVIRONMENTAL (JAS), DEPARTMENT OF MINERAL AND GEOSCIENCE.
  - REPORT INCLUDING PICTURES FOR ON SITE DETENTION AND SILT TRAP MUST BE SUBMITTED TO MBSA EVERY WEEK.
  - FLOW DIRECTION OF TEMPORARY DRAIN FLOWING INTO ADJACENT AREAS IS NOT ALLOWED.
  - TEMPORARY ROAD ACCESS ACROSSING ADJACENT AREAS IS NOT ALLOWED.
  - ANY EARTHWORK ACTIVITIES BEYOND BOUNDARY LINES IS NOT ALLOWED.