

**Construction Management of the Jordan School Expansion Project (JSEP)
and the Schools for a Knowledge Economy Project (SKEP)**

Site Visit Report Form

FTR # QR 287

A. BASIC DATA

(Trigon staff shall complete this field trip report within 48 hours after returning from the field and ensure that it is sent properly distributed within 72 hours after leaving the construction site)

Program (JSEP or SKEP): SKEP **PHASE:** III **PACKAGE:** I
School Name: Jumana Bint Abi Taleb Basic Mixed School
Supervisory Engineer (SE) Name: Wahib Medanat
Construction Contractor (CC) Name: Dijlah Contracting Co.
Date and Time of Field Trip: Feb 25,2021
Date of Report: Mar 1,2021
Weather During Visit Sunny
Report Submitted By: Osama Obeid & Mohammad Sami Ali-Ahmad

PURPOSE OF VISIT

General Site Inspection (Quality) Handover (First Inspection)
 Corrective Action (CA) Review Report Second Final Inspection
 Health & Safety (H&S) OTHER (list below)
 Site Meeting
 Substantial Completion Inspection

PERSONNEL ON TRIP

No.	Name	Title	Agency
1	Osama Obeid	Sr. Construction Manager	Trigon
2	Mohammad Sami Ali-Ahmad	Intern Engineer	Trigon
3	Talid Hamdan	Intern Architect	Trigon

PERSONNEL AT SITE *(if a site meeting or a final inspection, use attachment to list other participants)*

No.	Name	Title	Agency
1	Natheer Ammareen	Project Manager	Wahib Medanat
2	Yousef Omar	Site Engineer	Wahib Medanat
3	Ali Nazzal	Quantities Surveyor	Wahib Medanat
4	Mohammad Mbaideen	Safety Manager	Wahib Medanat
5	Wesam Al Louzi	Fresh Graduate	Wahib Medanat
6	Sahar Zaghaleh	H&S Engineer	Dijlah Contracting Co.

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B. QUALITY, SCHEDULE AND H&S FINDINGS CHECKLIST

(For any “No” answer in this section, the Observer shall provide a narrative explanation in Section C. of this Report including corrective action requested) **NA-Not Applicable, DC-Didn’t Check**

	Construction Contractor	Supervisory Engineer
A. <u>SITE DOCUMENTATION</u>		
1. Drawings and Specifications on site? (Y/N)	Y	Y
2. CC Safety Plan on site? (Y/N)	Y	Y
3. CC QC Plan on site? (Y/N)	Y	Y
4. Shop Drawings up to date? (Y/N)	Y	Y
5. Request for Information/Inspection up to date? (Y/N)	Y	Y
6. Sampling and Testing Tracking Log? (Y/N)	Y	Y
7. Hard copy files neat and up to date? (Y/N)	Y	Y
8. Inspector’s Daily Journal up to date? (Y/N)	Y	Y
9. Non-Conformance Report up to date? (Y/N)	NA	NA
B. <u>SCHEDULE</u>		
10. SE has up to date CC Schedule on site? (Y/N)		Y
11. CC has up to date CC Schedule on site? (Y/N)	Y	
C. <u>EXIT OBSERVATIONS</u>		
12. What time does CC start work each morning on average?	7 AM	
13. What time does CC stop work each day on average?	4 PM	
14. What is the average # of hours worked each day?	8 Hours	

C. DESCRIPTION OF FINDINGS

(State if fact or opinion. Use attachments, maps, sketches if necessary)

A. SITE DOCUMENTATION

- All site documents are Available and up to date

B. HEALTH & SAFETY

- Site security: There is a gate for the construction site
- There is a site visitor book at entrance

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C. GENERAL QUALITY OBSERVATIONS

- The proposed building's foundation is completed
- block walls for basement is done
- Backfilling for S.O.G is ongoing
- Boundary wall adjacent to existing wall of Mabarot Um Al Hussein is 90% completed
- Boundary wall adjacent to existing main street is 90% completed
- Base course material undertest

D. SCHEDULE

- % of work completed: 20% of work is completed
- Avg # of workers: 22 workers/day
- The constructions work is on schedule

E. STATUS OF UTILITY CONNECTIONS / OTHER OUSTANDING ISSUE

1. Water Supply: Not Connected
2. Wastewater: Not Connected
3. Electricity: Not Connected
4. Other Issue:

ATTACHMENTS – as marked below

1. **QUALITY CHECKLIST**
2. MEETINGS / INSPECTION MINUTES
3. HEALTH & SAFETY ATTACHMENT

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E. PHOTOS



FIGURE #01:
Project ID Sign on site.
Photo credit:
Mohammad Sami
Feb 25, 2021

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FIGURE #02:

The project consists of five floors building, in addition to other site works. The project has an internal area of 5460.0 m² and external area of 5529.0 m².

*Photo credit:
Mohammad Sami
Feb 25, 2021*



FIGURE #03:

Visitors book at entrance, safety vest and helmet and face masks.

*Photo credit:
Mohammad Sami
Feb 25, 2021*

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FIGURE #04&05:

Construction materials are covered well

*Photo credit:
Mohammad Sami
Feb 25, 2021*



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FIGURE #06&07:

The proposed building's foundations is completed and insulated. Tie beams and ground beams is completed. Backfilling for casting the slab on grade SOG is ongoing



*Photo credit:
Mohammad Sami &
Osama Obeid
Feb 25, 2021*

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*FIGURE #08&09:
The external and
internal walls for
basement are done*

*Photo credit:
Mohammad Sami
Feb 25, 2021*



*FIGURE #10:
The excavated
materials must be
tested to make sure
that the material
satisfies the required
specifications and
classifications*

*Photo credit:
Mohammad Sami
Feb 25, 2021*

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FIGURE #11:

Boundary wall adjacent to existing wall of Mabarrat Al Hussein is 90% completed

*Photo credit: Osama Obeid
Feb 25, 2021*



FIGURE #12:

Boundary wall adjacent to existing main street is 90% completed

*Photo credit: Osama Obeid
Feb 25, 2021*

Trigony Quality Field Trip Report Attachment

Notes:

Date:	Feb 25,2021
School Name:	Jumana Bint Abi Taleb Basic Mixed School
Location:	Marka,Amman
Program / Phase / Package	SKEP, Phase III, Pk 1
Prepared by:	Osama Obeid & Mohammad Sami Ali-Ahmad

#	Task / Activity	Observations (Y/N)	Findings	Recommendations / Corrective Actions
A. Excavation				
B. Backfilling				
		Y	Excavated materials	Excavated materials must be tested to make sure it satisfies the required specifications
C. SubStructural, Concrete,Foundations				
1	Steel Bar			
2	Footings			
3	Ground beams	Y	Casting is done	Curing must be done regularly according to specifications
4	Tie beams	Y	Casting is done	Curing must be done regularly according to specifications
5	Column neck			
6	Column			
7	waterproofing(Insulation)			
8	Slab on grade			
D. SuperStructural, Concrete,Masonry works				
1	Columns			
2	Beams			
3	Slabs			
4	Roof			
5	Hollow Concrete Block (internal)			
6	Hollow Concrete Block (external)			
7	C-Channel			
8	Clading Natural Stones			
9	Electrical conuits/ sleeves			
10	Mechanical pipes/sleeves			
E. Civil Works				
1	Access /Gates			
2	Steel Doors			
3	Wooden Doors			
4	Aluminum Windows			
5	Plastering (Internal)			
6	Plastering (External)			
7	Wall Paint			
8	Ceiling Paint			
9	Wall tiles			
10	Floor tiles (Internal)			
11	External Floor tiles (Interlock /Stone)			
12	Cabinetry			
13	Lab Furniture			
14	Ceiling and roof system			
15	Facades, Roof parapet			
16	PVC			
17	Carpet			
18	Expansion joint			

19	Roof insulation (waterproofing membrane)			
F. Electrical Works				
1	Wiring - conduits			
2	Electrical sockets			
3	Lighting fixtures			
4	Electrical Distribution Board			
5	Fire Alarm System			
6	Public Address			
7	Air Conditioning Units			
8	CCTV			
9	Manhole			
10	Electrical Earthing			
11	Wall Fan			
12	Elevator			
13	Electrical Room			
G. Mechanical Works				
1	Rest Rooms, Toilets, WC			
2	Wall tiles			
3	Floor tiles			
4	Water Mixer			
5	Water Cooler			
6	Boiler, HVAC, Pumps			
7	Drainage			
8	Manholes, Clean-outs			
9	Fire Extinguisher			
10	Ventilation, AC Duct			
11	Emergency shower			
12	Septic Tank			
H. External Works				
1	Boundary walls			
2	C-Channel Finishings			
3	Fence			
4	Epoxy paint			
5	Landscaping			
6	External Paint			
7	Football/ Basketball Playground			
8	Sand playground for KG			
9	Plants area			
10	Car Park/Asphalt			

Disclaimer: Trigon field trip reports include information and findings based upon those parts of the construction sites we visit. Our visits and our contract scope of work do not include Trigon to carry out first tier Quality Control/Assurance, i.e., reviewing submittals, drawings and specifications, reviewing contract compliance, or in any way carrying out close supervision of the works. Therefore our field-trip reports include cursory quality, health & safety and schedule information and its entry on our reports is intended to provide the reader only with a sense of our general observations of that part of the job site we have visited