

KEY PLAN

THIS DRAWING IS A COPYRIGHT. DO NOT SCALE FROM THE DRAWING.
THE CONTRACTOR AND HIS SUB-CONTRACTORS ARE TO VERIFY ALL DIMENSIONS ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.

United Nation Development Programme
UNDP Lebanon
Social and Local Development Programme
P.O.Box: 11-3216 Beirut, Lebanon
Tel: 961 1 962491

PROGRAMME: Lebanese Host Communities Support Programme
Support to Integrated Service Provision at the Local Level

PROJECT NAME:
TAL ABBAS EL GHARBI SEWAGE NETWORK

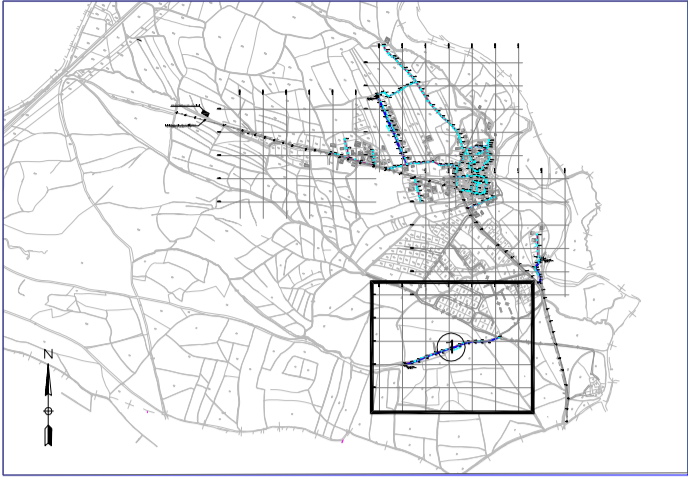
- LEGEND:
- PROPOSED SEWAGE COLLECTION PVC PIPE Ø200mm
 - EXISTING SEWAGE PIPE
 - DUCTILE IRON PUMPING LINE DN 80
 - PROPOSED MANHOLE
 - EXISTING MANHOLE
 - PUMP STATION

NOTES:

- ALL DIAMETERS ARE IN MILLIMETERS (AND ELEVATIONS IN METERS) UNLESS OTHERWISE MENTIONED.
- FOR TYPICAL DETAILS, REFER TO SEWAGE SYSTEM TYPICAL DETAILS, DRAWINGS SW-08 TO SW-11.
- THE CONTRACTOR SHALL CONDUCT A TOPOGRAPHICAL SURVEY FOR THE SITE AND THE EXISTING MANHOLES BEFORE STARTING THE EXECUTION OF THE PROJECT TO MAKE SURE THAT THERE IS NO DISCREPANCY BETWEEN THE PREVIOUS GIVEN SURVEY DATA AND THE ACTUAL ONE.
THE ENGINEER APPROVAL IS A MUST BEFORE STARTING THE IMPLEMENTATION

o	M.N	03-10-2016	GENERAL REVISION	M.N
REV	BY	Date	Description	Appr.
PROJECT NBR.		L1505		
PROJECT PHASE		TENDER		
DISCIPLINE		CIVIL ENGINEERING		
SECTOR				
BUILDING				
DESIGNED				
DRAWN				
CHECKED				
APPROVED				
DATE		03-10-2016		
SCALE		1/4000		
SHEET SIZE		A1		

Title
TAL ABBAS EL GHARBI
SEWAGE NETWORK - PHASE 2
GENERAL LAYOUT PLAN



KEY PLAN

THIS DRAWING IS A COPYRIGHT. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR AND HIS SUB-CONTRACTORS ARE TO VERIFY ALL DIMENSIONS ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.

United Nation Development Programme
UNDP Lebanon
Social and Local Development Programme
P.O.Box: 11-3216 Beirut, Lebanon
Tel: 961 1 962491

PROGRAMME: Lebanese Host Communities Support Programme
Support to Integrated Service Provision at the Local Level

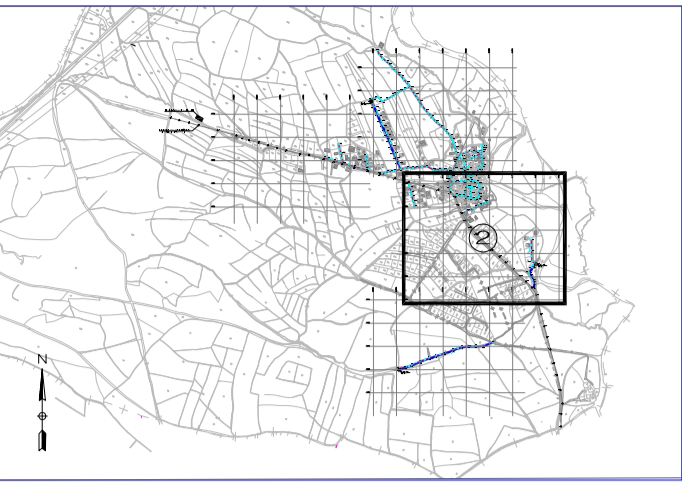
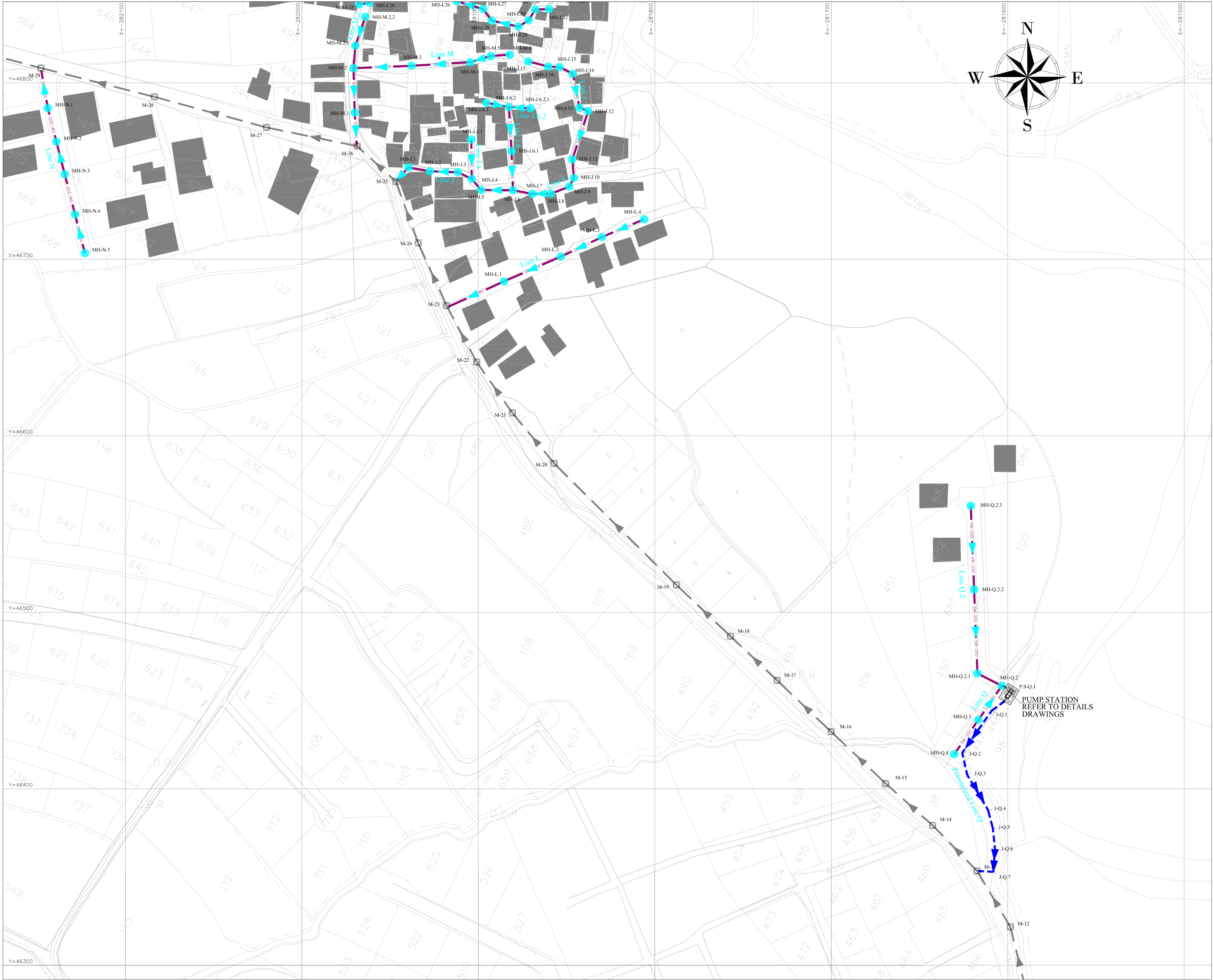
PROJECT NAME:
TAL ABBAS EL GHARBI SEWAGE NETWORK

- LEGEND:
- PROPOSED SEWAGE COLLECTION
PVC PIPE Ø200mm
 - EXISTING SEWAGE PIPE
 - DUCTILE IRON PUMPING LINE DN 80
 - PROPOSED MANHOLE
 - EXISTING MANHOLE
 - PUMP STATION

- NOTES:
- ALL DIAMETERS ARE IN MILLIMETERS (AND ELEVATIONS IN METERS) UNLESS OTHERWISE MENTIONED.
 - FOR TYPICAL DETAILS, REFER TO SEWAGE SYSTEM TYPICAL DETAILS, DRAWINGS SW-08 TO SW-11.
 - THE CONTRACTOR SHALL CONDUCT A TOPOGRAPHICAL SURVEY FOR THE SITE AND THE EXISTING MANHOLES BEFORE STARTING THE EXECUTION OF THE PROJECT TO MAKE SURE THAT THERE IS NO DISCREPANCY BETWEEN THE PREVIOUS GIVEN SURVEY DATA AND THE ACTUAL ONE. THE ENGINEER APPROVAL IS A MUST BEFORE STARTING THE IMPLEMENTATION

o	M.N	03-10-2016	GENERAL REVISION	M.N
REV	BY	Date	Description	Appr.
PROJECT NBR.		L1505		
PROJECT PHASE		TENDER		
DISCIPLINE		CIVIL ENGINEERING		
SECTOR				
BUILDING				
DESIGNED				
DRAWN				
CHECKED				
APPROVED				
DATE		03-10-2016		
SCALE		1/1000		
SHEET SIZE		A1		

Title
TAL ABBAS EL GHARBI
SEWAGE NETWORK - PHASE 2
LAYOUT PLAN



KEY PLAN

THIS DRAWING IS A COPYRIGHT. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR AND HIS SUB-CONTRACTORS ARE TO VERIFY ALL DIMENSIONS ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.

United Nation Development Programme
UNDP Lebanon
Social and Local Development Programme
P.O.Box: 11-3216 Beirut, Lebanon
Tel: 961 1 962491

PROGRAMME:
Lebanese Host Communities
Support Programme
Support to Integrated Service
Provision at the Local Level

PROJECT NAME:
TAL ABBAS EL GHARBI SEWAGE NETWORK

- LEGEND:
- PROPOSED SEWAGE COLLECTION
PVC PIPE Ø200mm
 - EXISTING SEWAGE PIPE
 - DUCTILE IRON PUMPING LINE DN 80
 - PROPOSED MANHOLE
 - EXISTING MANHOLE
 - PUMP STATION

- NOTES:
- ALL DIAMETERS ARE IN MILLIMETERS (AND ELEVATIONS IN METERS) UNLESS OTHERWISE MENTIONED.
 - FOR TYPICAL DETAILS, REFER TO SEWAGE SYSTEM TYPICAL DETAILS, DRAWINGS SW-08 TO SW-11.
 - THE CONTRACTOR SHALL CONDUCT A TOPOGRAPHICAL SURVEY FOR THE SITE AND THE EXISTING MANHOLES BEFORE STARTING THE EXECUTION OF THE PROJECT TO MAKE SURE THAT THERE IS NO DISCREPANCY BETWEEN THE PREVIOUS GIVEN SURVEY DATA AND THE ACTUAL ONE. THE ENGINEER APPROVAL IS A MUST BEFORE STARTING THE IMPLEMENTATION

o	M.N	03-10-2016	GENERAL REVISION	M.N
REV	BY	Date	Description	Appr.

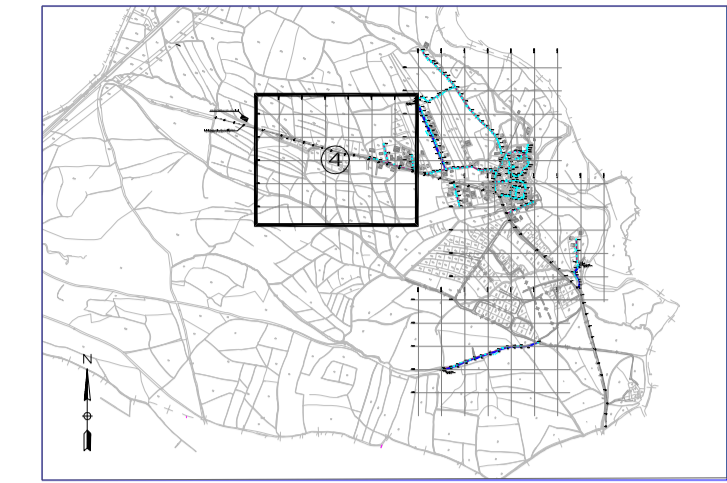
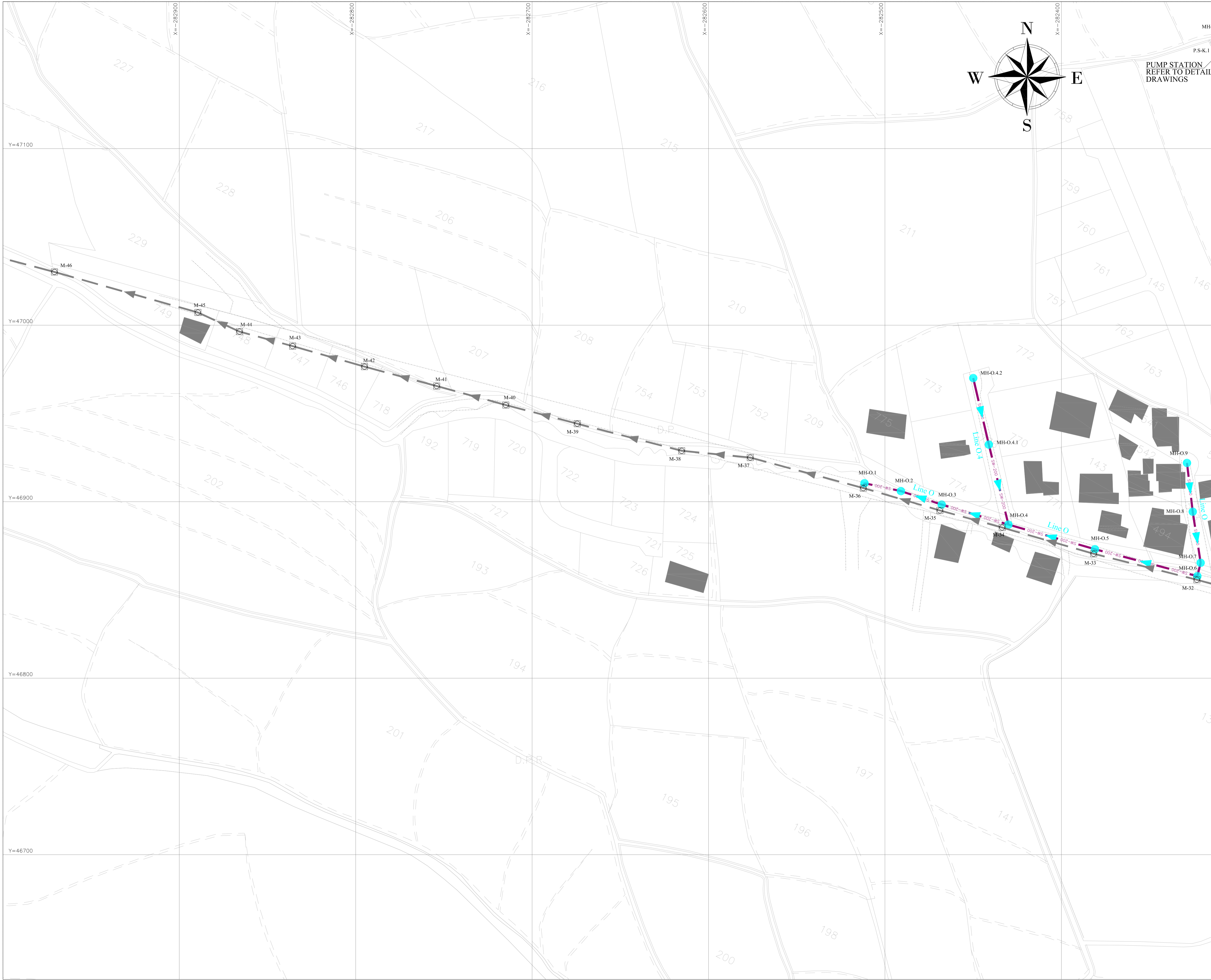
PROJECT NBR.	L1505
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	
BUILDING	
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	03-10-2016
SCALE	1/1000
SHEET SIZE	A1

Title
TAL ABBAS EL GHARBI
SEWAGE NETWORK - PHASE 2
LAYOUT PLAN

Sheet 2 OF 4

L1505-PH2-SW-02-REV.0

Project Number | Phase | Type | Drawing Number | Revision



KEY PLAN

THIS DRAWING IS A COPYRIGHT. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR AND HIS SUB-CONTRACTORS ARE TO VERIFY ALL DIMENSIONS ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.

United Nation Development Programme
UNDP Lebanon
Social and Local Development Programme
P.O.Box: 11-3216 Beirut, Lebanon
Tel: 961 1 962491

PROGRAMME: Lebanese Host Communities Support Programme
Support to Integrated Service Provision at the Local Level

PROJECT NAME:
TAL ABBAS EL GHARBI SEWAGE NETWORK

- LEGEND:
- PROPOSED SEWAGE COLLECTION PVC PIPE Ø200mm
 - EXISTING SEWAGE PIPE
 - DUCTILE IRON PUMPING LINE DN 80
 - PROPOSED MANHOLE
 - EXISTING MANHOLE
 - PUMP STATION

- NOTES:
- ALL DIAMETERS ARE IN MILLIMETERS (AND ELEVATIONS IN METERS) UNLESS OTHERWISE MENTIONED.
 - FOR TYPICAL DETAILS, REFER TO SEWAGE SYSTEM TYPICAL DETAILS, DRAWINGS SW-08 TO SW-11.
 - THE CONTRACTOR SHALL CONDUCT A TOPOGRAPHICAL SURVEY FOR THE SITE AND THE EXISTING MANHOLES BEFORE STARTING THE EXECUTION OF THE PROJECT TO MAKE SURE THAT THERE IS NO DISCREPANCY BETWEEN THE PREVIOUS GIVEN SURVEY DATA AND THE ACTUAL ONE. THE ENGINEER APPROVAL IS A MUST BEFORE STARTING THE IMPLEMENTATION

o	M.N	03-10-2016	GENERAL REVISION	M.N
REV	BY	Date	Description	Appr.

PROJECT NBR.	L1505
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	
BUILDING	
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	03-10-2016
SCALE	1/1000
SHEET SIZE	A1

Title
TAL ABBAS EL GHARBI
SEWAGE NETWORK - PHASE 2
LAYOUT PLAN