



REV	BY	APP	DESCRIPTION	DATE

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United Nations 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

CONSULTANT:
BOYADJIAN & ASSOCIATES
PROJECT FINANCE AND MANAGEMENT CONSULTANTS
P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:		BOURJ HAMOUD THIRD SCHOOL	
PLOT NO.:	-	BLOCK:	-

PROJECT NBR.		TENDER
PROJECT PHASE		
DISCIPLINE	CIVIL ENGINEERING	
SECTOR		-
BUILDING		-
DESIGNED		-
DRAWN		PM
CHECKED		VB
APPROVED		VB
DATE	08.11.2014	
SCALE		-
SHEET SIZE		A3

Sheet Title

Sheet nbr.				
Phase	Discipline	Floor Area	Drawing Number	Revision

Key Plan



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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

CONSULTANT:

BOYADJIAN & ASSOCIATES

PROJECT FINANCE AND MANAGEMENT CONSULTANTS

P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:

BOURJ HAMOUD THIRD SCHOOL

PLOT NO.:

-

BLOCK:

-

Sheet Information	
PROJECT NBR.	-
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

Sheet Title

GENERAL NOTES
AND LEGEND

Sheet nbr.

T - C - G - 001 - R00

Phase

Discipline

Floor Area

Drawing Number

Revision

Key Plan




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



CONSULTANT: BOYADJIAN & ASSOCIATES
PROJECT FINANCE AND MANAGEMENT CONSULTANTS
P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT: BOURJ HAMOUD THIRD SCHOOL

PLOT NO.: -

BLOCK: -

Sheet Information

PROJECT NBR.	-
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

Sheet Title

GENERAL LAYOUT

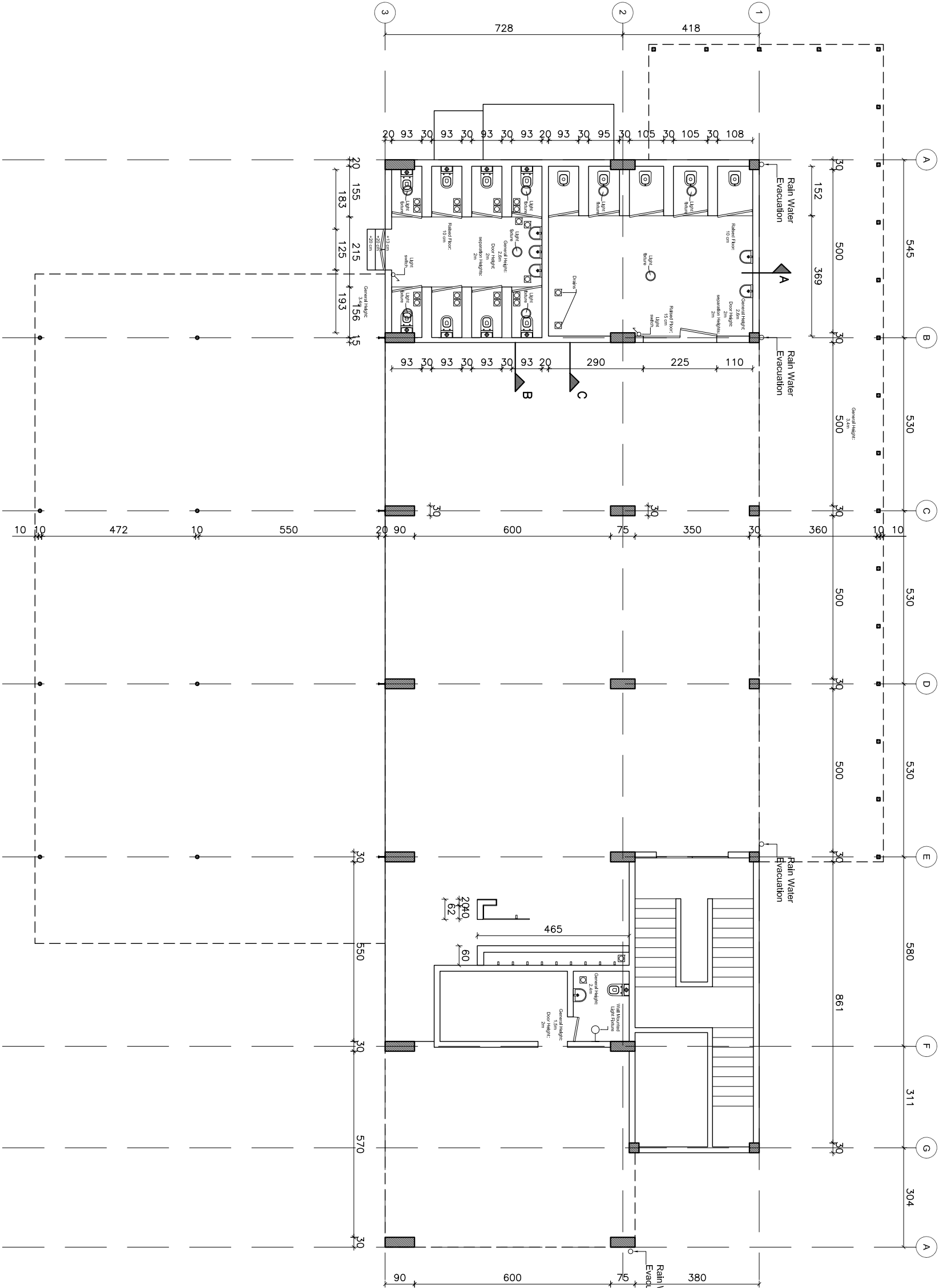
GROUND FLOOR

Sheet nbr.

T - C - G - 002 - R00

Phase	Discipline	Floor Area	Drawing Number	Revision
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GROUND FLOOR GENERAL LAYOUT OF THE SCHOOL



Key Plan




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PROGRAMME: Lebanese Host Communities
Support Programme
Support to Integrated Service
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PROJECT:
BOURJ HAMOUD THIRD SCHOOL

PLOT NO.: -

BLOCK: -

Sheet Information

PROJECT NBR.	-
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

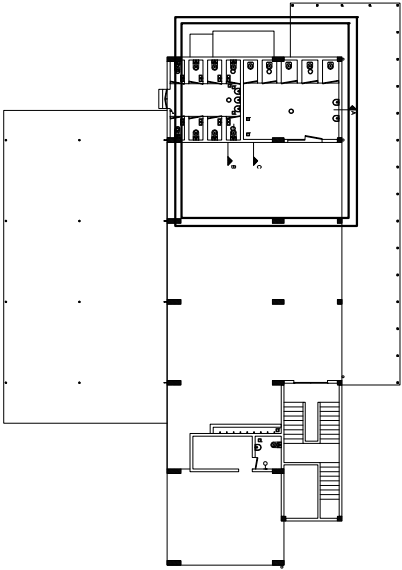
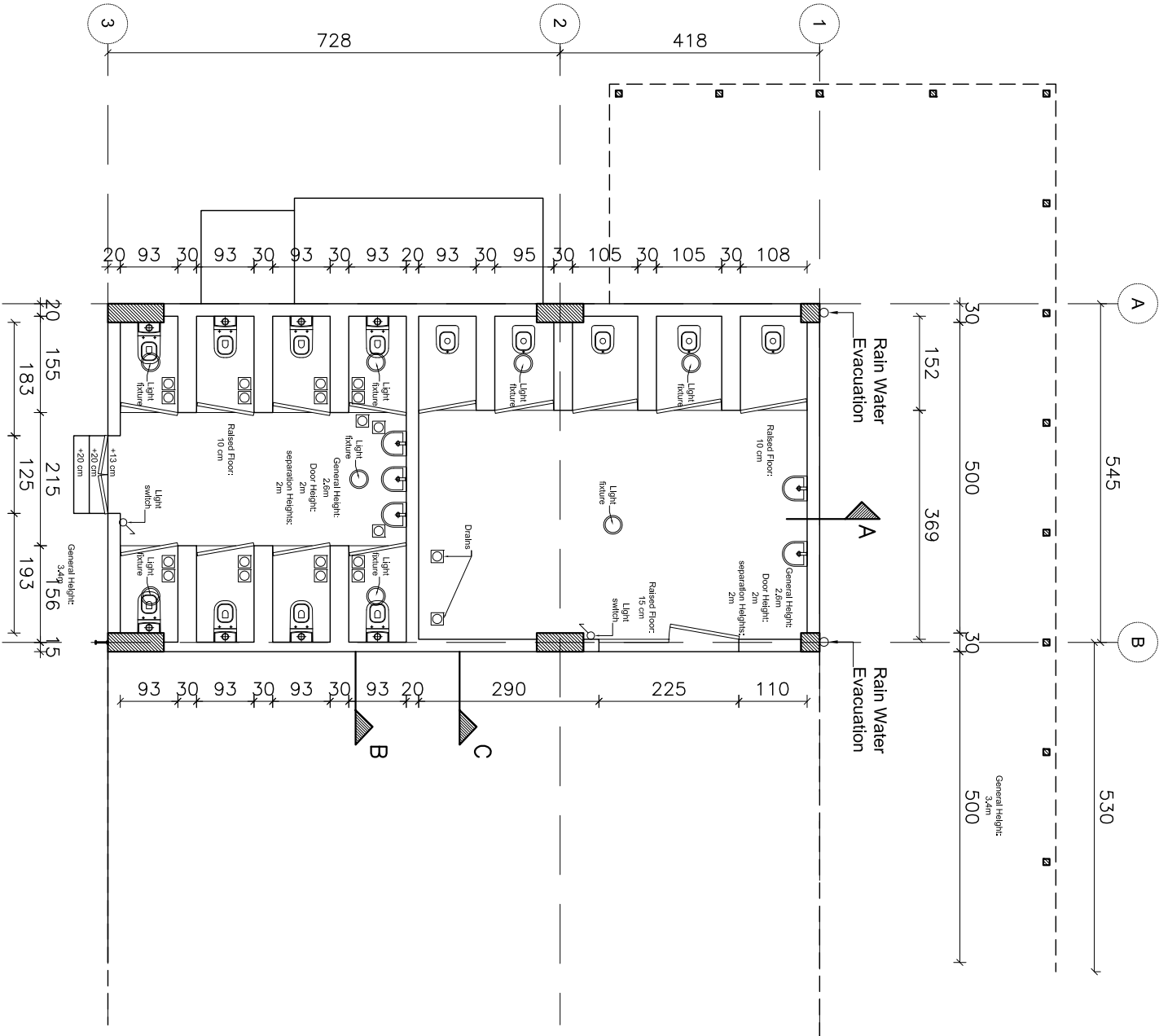
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**GROUND FLOOR
TOILETS TO RENOVATE 1/2**

Sheet nbr.

T - C - G - 003 - R00

Phase	Discipline	Floor Area	Drawing Number	Revision
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EXISTING GROUND FLOOR TOILETS
SCALE 1/50




Key Plan



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PROGRAMME: Lebanese Host Communities Support Programme

Support to Integrated Service Provision at the Local Level

CONSULTANT:

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PROJECT FINANCE AND MANAGEMENT CONSULTANTS

P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT: **BOURJ HAMOUD THIRD SCHOOL**

PLOT NO.:	-	BLOCK:	-
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Sheet Information			
PROJECT NBR.		TENDER	-
PROJECT PHASE		DISCIPLINE	CIVIL ENGINEERING
SECTOR		BUILDING	-
DESIGNED		DRAWN	PM
CHECKED		APPROVED	VB
DATE	08.11.2014	SCALE	-
SHEET SIZE	A3		

Sheet Title

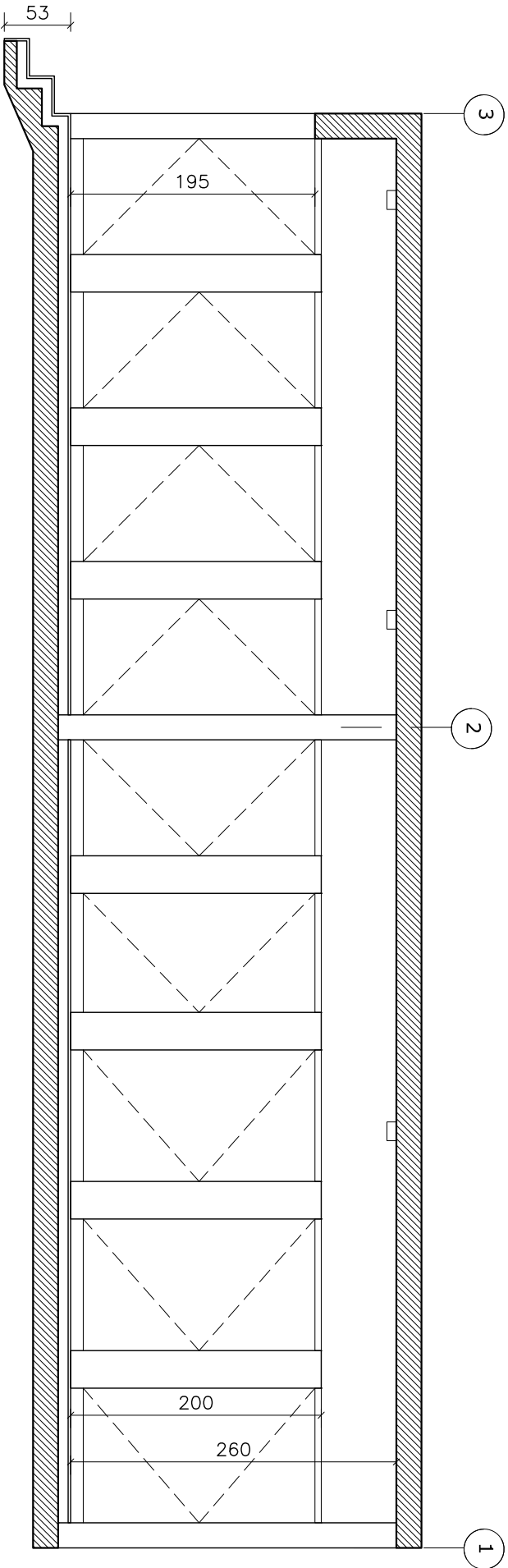
GROUND FLOOR

TOILETS TO RENOVATE 2/2

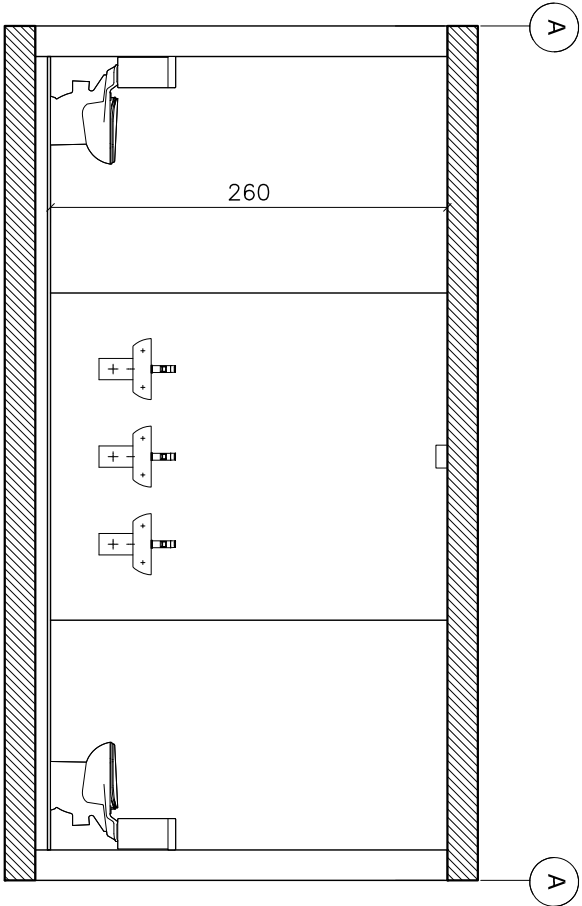
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T - C - G - 004 - R00

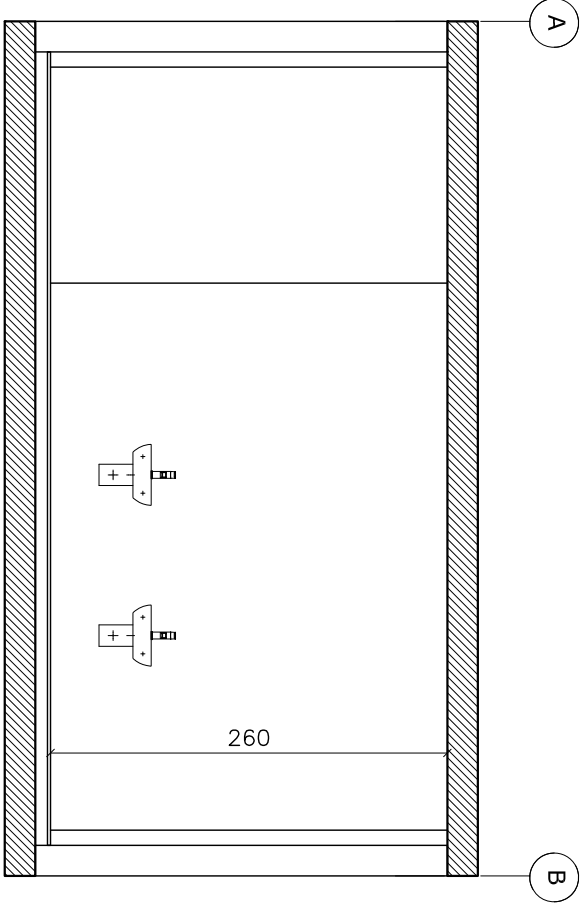
Phase	Discipline	Floor Area	Drawing Number	Revision
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SECTION A
FIRST FLOOR GIRLS AND BOYS' BATHROOM ELEVATION SCALE 1/50



SECTION B
FIRST FLOOR GIRLS' BATHROOM ELEVATION SCALE 1/50



SECTION C
FIRST FLOOR BOYS' BATHROOM ELEVATION SCALE 1/50










Key Plan



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United Nation Development Programme

UNDP Lebanon

Social and Local Development Programme

P.O.Box: 11-3216 Beirut, Lebanon Tel: 961 1 962491



Supporting Sustainable Communities

PROGRAMME: Lebanese Host Communities Support Programme

Support to Integrated Service Provision at the Local Level

CONSULTANT:

BOYADJIAN & ASSOCIATES

PROJECT FINANCE AND MANAGEMENT CONSULTANTS

P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT: **BOURJ HAMOUD THIRD SCHOOL**

PLOT NO.: -

BLOCK: -

Sheet Information			
PROJECT NBR.	-	PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING	SECTOR	-
BUILDING	-	DESIGNED	-
DRAWN	PM	CHECKED	VB
APPROVED	VB	DATE	08.11.2014
SCALE	-	SHEET SIZE	A3

Sheet Title

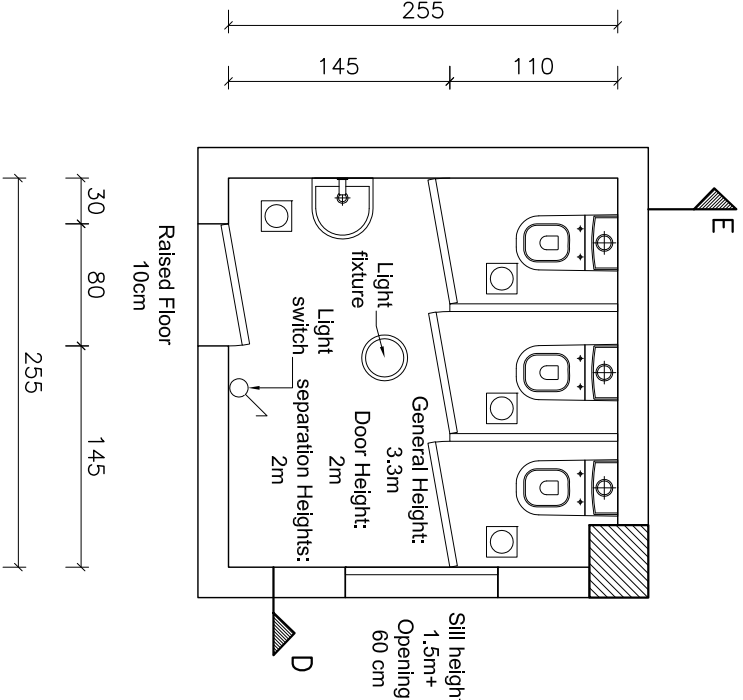
SECOND FLOOR

KIDS TOILETS TO RENOVATE

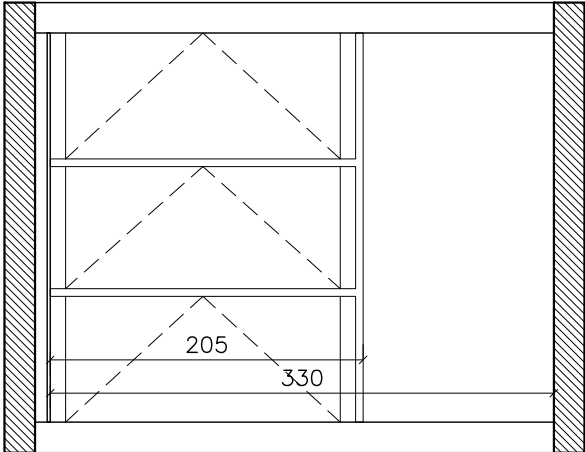
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T - C - G - 005 - R00

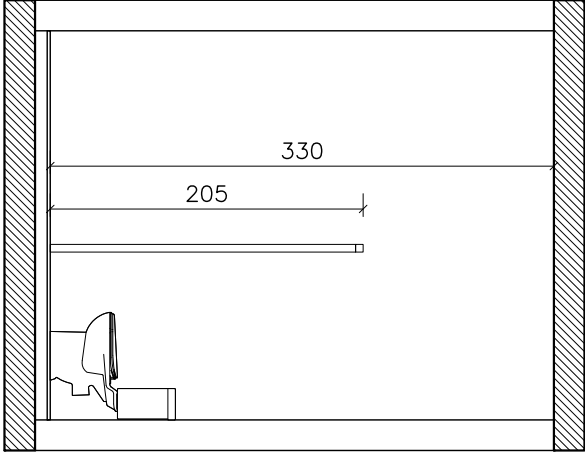
Phase	Discipline	Floor Area	Drawing Number	Revision
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SECOND FLOOR KIDS' BATHROOM SCALE 1/50



SECTION D
SECOND FLOOR KIDS' BATHROOM SCALE 1/50



SECTION E
SECOND FLOOR KIDS' BATHROOM SCALE 1/50

Key Plan




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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

CONSULTANT:
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PROJECT FINANCE AND MANAGEMENT CONSULTANTS
P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:
BOURJ HAMOUD THIRD SCHOOL

PLOT NO.:	-	BLOCK:	-
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Sheet Information			
PROJECT NBR.	-	TENDER	-
PROJECT PHASE	-	CIVIL ENGINEERING	-
DISCIPLINE	-		
SECTOR	-		
BUILDING	-		
DESIGNED	-		
DRAWN	PM		
CHECKED	VB		
APPROVED	VB		
DATE	08.11.2014		
SCALE	-		
SHEET SIZE	A3		

Sheet Title

FIRST FLOOR MEDICAL
ROOM TO RENOVATE

Sheet nbr.

T - C - G - 006 - R00

Phase	Discipline	Floor Area	Drawing Number	Revision
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Key Plan



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

CONSULTANT:
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P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:
BOURJ HAMOUD THIRD SCHOOL

PLOT NO.: - BLOCK: -

Sheet Information

PROJECT NBR.	-
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

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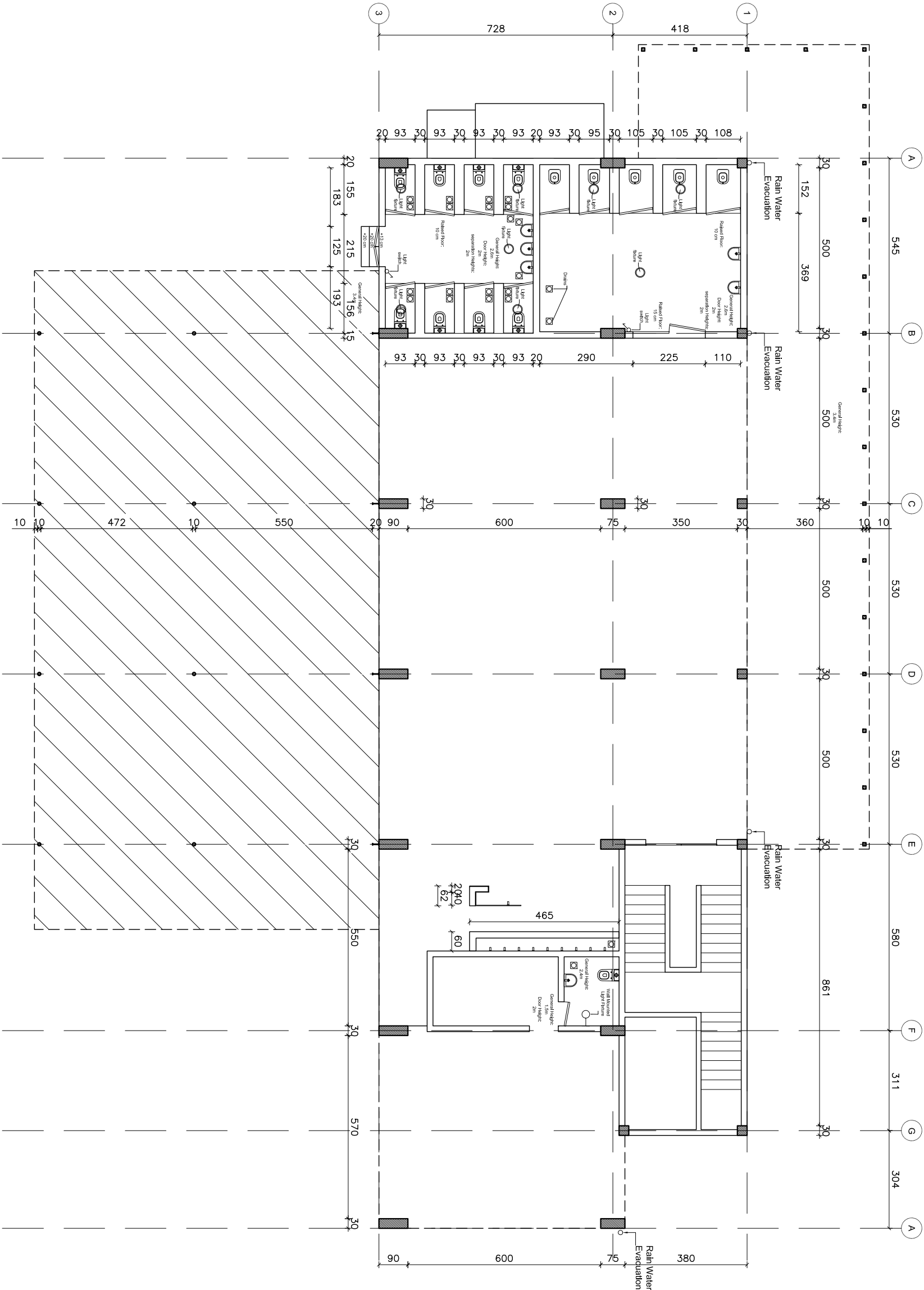
GROUND FLOOR
ETERNIT REMOVAL

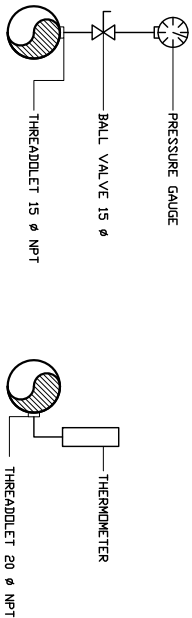
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T - C - G - 007 - R00

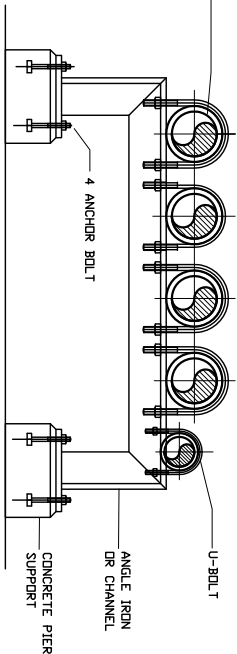
Phase	Discipline	Floor Area	Drawing Number	Revision

GROUND FLOOR ETERNIT TO REMOVE SCALE

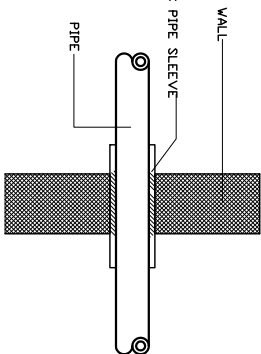




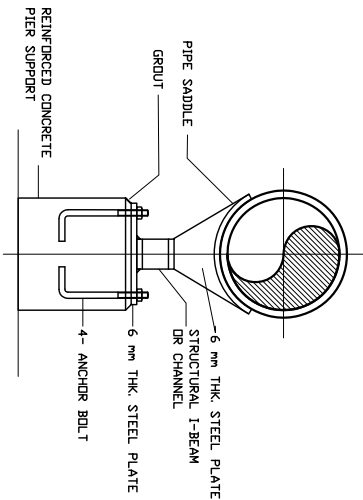
PRESSURE GAUGE & THERMOMETER CONNECTION DETAIL



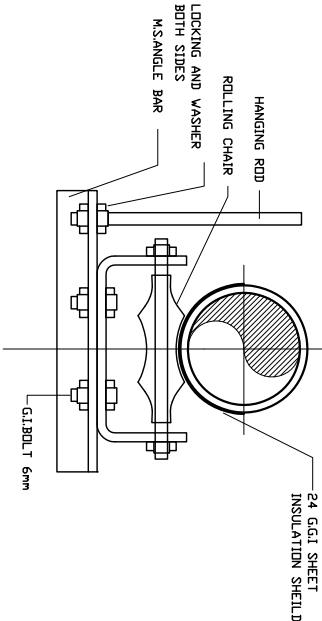
MULTIPLE PIPE SUPPORT



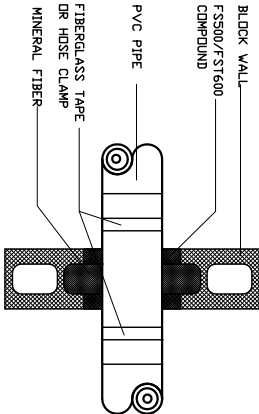
CROSSING IN ORDINARY WALLS
ALL TYPES OF PIPES



PIPE SADDLE SUPPORT



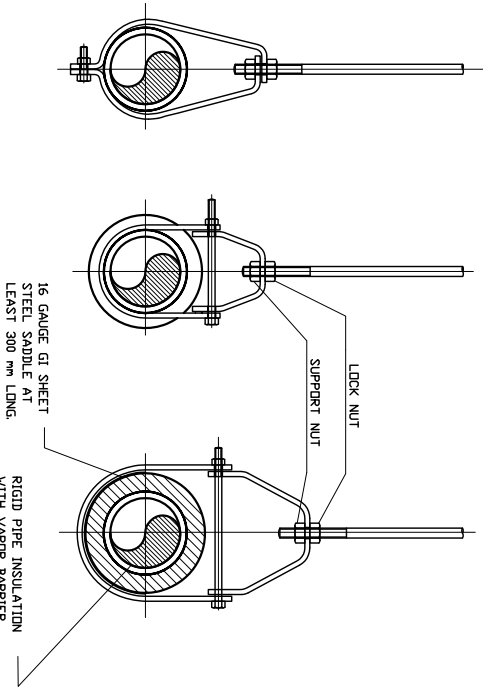
ROLLING CHAIR



FOR PVC PIPE CROSSING THRU BLOCK WALL

1 SCALE FLOOR SUPPORTS N.T.S.

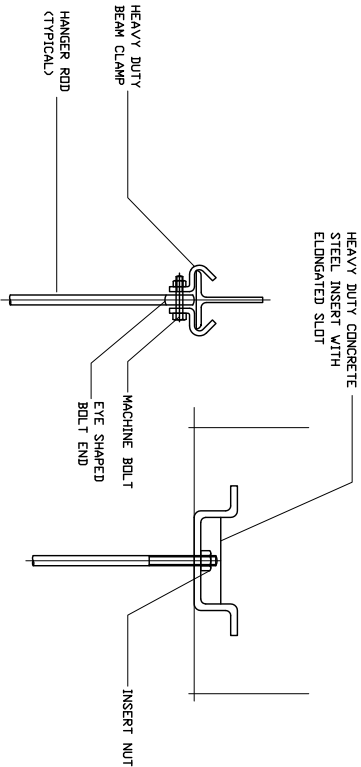
2 SCALE PIPE THRU WALL DETAILS N.T.S.



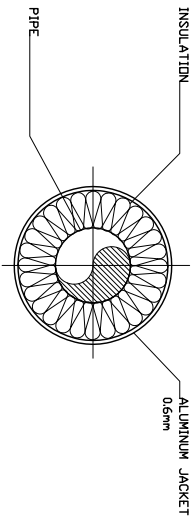
BOLTED BAND HANGER

CLEVIS HANGER

CLEVIS HANGER



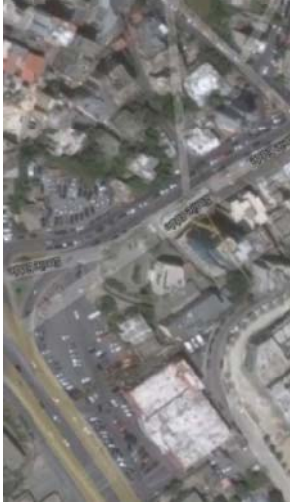
METHODS OF ATTACHMENT TO CEILINGS
(USE APPROPRIATE TYPE)



4 CLADDING (WHERE REQUIRED)
DUT DOOR AND EXPOSED IN PLANT ROOMS

3 SCALE PIPE HANGERS N.T.S.

Key Plan



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PROGRAMME: Lebanese Host Communities
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Provision at the Local Level

CONSULTANT:

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P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:

BOURJ HAMOUD THIRD SCHOOL

PLOT NO.:

-

BLOCK:

-

Sheet Information

PROJECT NBR.	-
PROJECT PHASE	TENDER
DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

Sheet Title
CONSTRUCTION
DETAILS 1/7

Sheet nbr.

T - C - G - 008 - R00

Phase	Discipline	Floor Area	Drawing Number	Revision


Key Plan



REV	BY	APP	DESCRIPTION	DATE
				9-10-14

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P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:

BOURJ HAMOUD THIRD SCHOOL

PLOT NO.:

BLOCK: -

Sheet Information

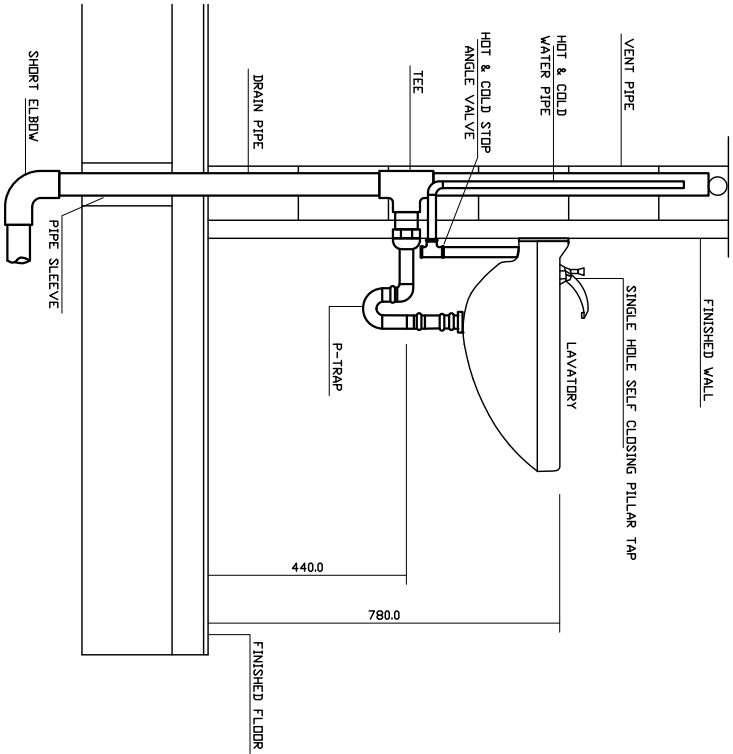
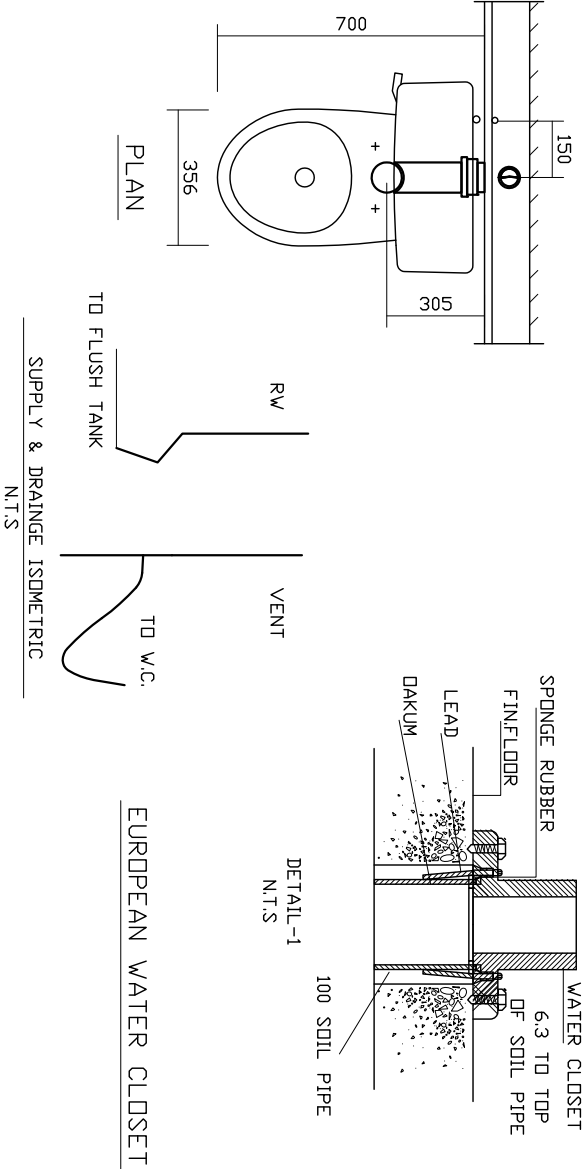
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DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
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DATE	08.11.2014
SCALE	-
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Sheet Title
**CONSTRUCTION
DETAILS 2/7**

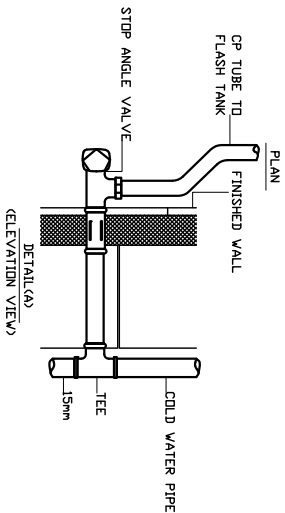
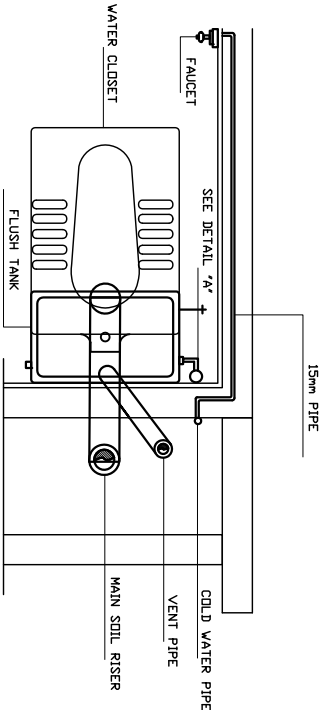
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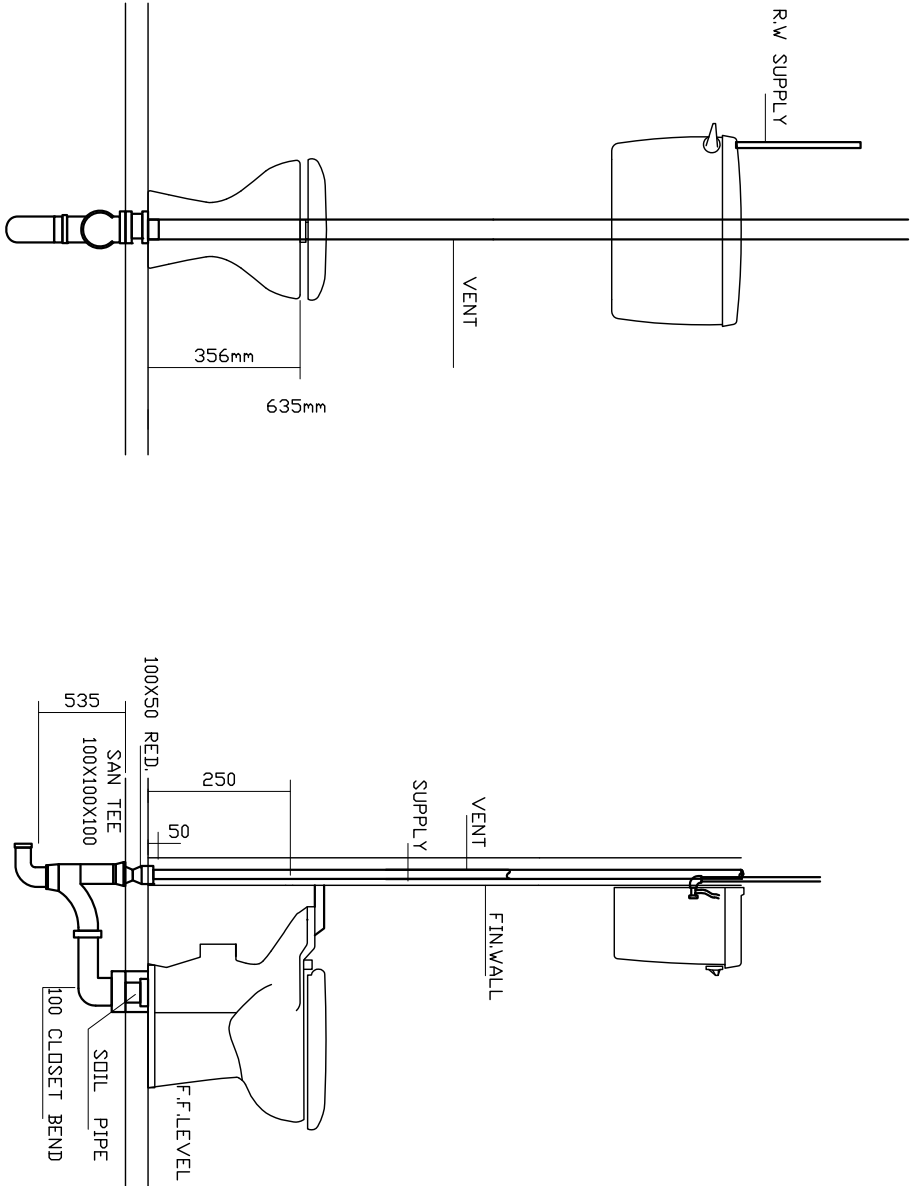
Phase	Discipline	Floor Area	Drawing Number	Revision
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6 SCALE LAVATORY DETAILS N.T.S.



7 SCALE ARABIC WATER CLOSET DETAIL N.T.S.



5 SCALE EUROPEAN WATER CLOSET N.T.S.


Key Plan




REV	BY	APP	DESCRIPTION	DATE
				9-10-14

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Support Programme
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PROJECT:

BOURJ HAMOUD THIRD SCHOOL

PLOT NO.: -BLOCK: -

Sheet Information			
PROJECT NBR.			-
PROJECT PHASE			TENDER
DISCIPLINE			CIVIL ENGINEERING
SECTOR			-
BUILDING			-
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DRAWN			PM
CHECKED			VB
APPROVED			VB
DATE			08.11.2014
SCALE			-
SHEET SIZE			A3

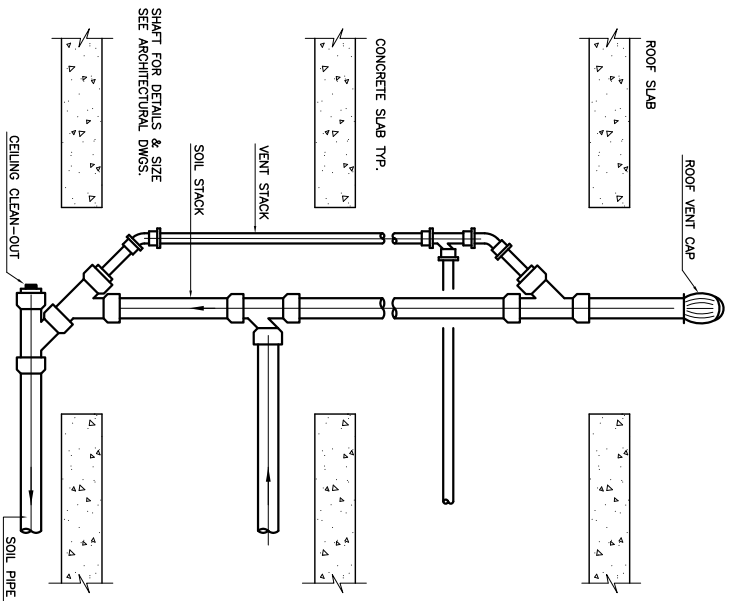
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CONSTRUCTION
DETAILS 3/7

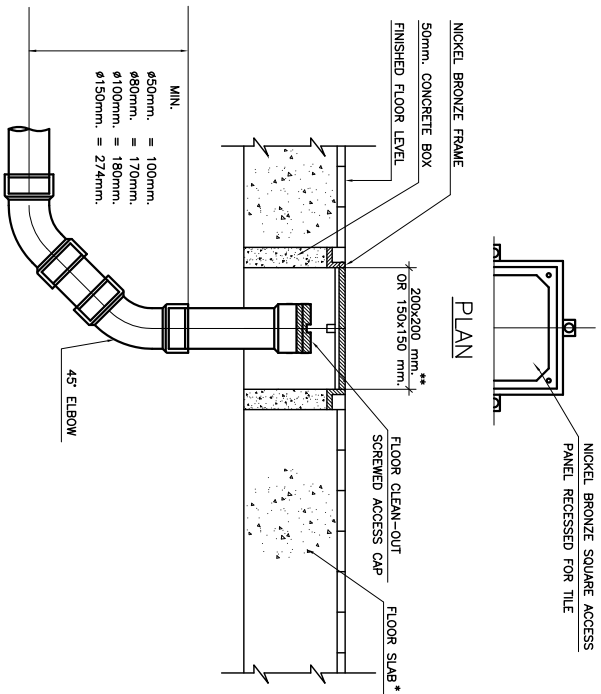
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T - C - G - 010 - R00

Phase	Discipline	Floor Area	Drawing Number	Revision
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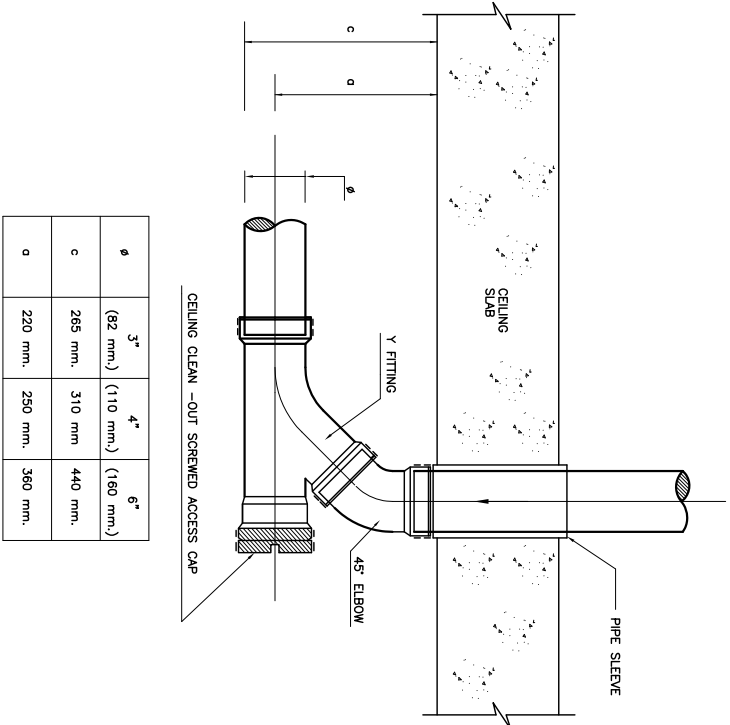


VENT & SOIL PIPE CONNECTION
AT LOW & HIGH LEVELS

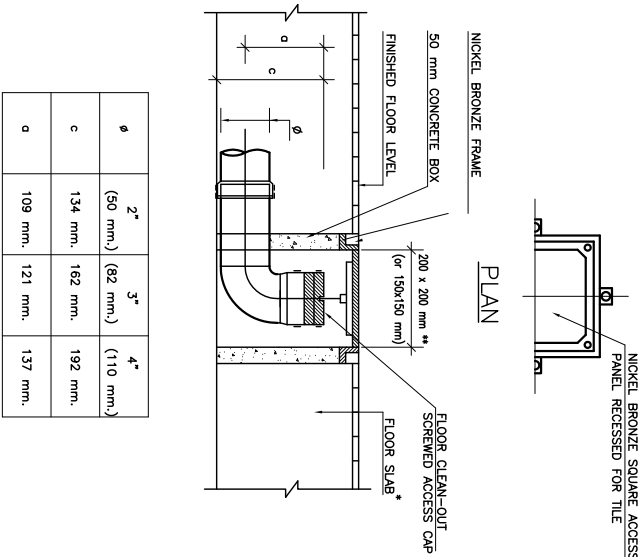


UPVC FLOOR CLEAN-OUT DETAIL

- * SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY
- ** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.



UPVC CEILING CLEAN-OUT DETAIL



UPVC FLOOR CLEAN-OUT DETAIL
(90° INCLINED)

- * SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY
- ** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.




Key Plan




REV	BY	APP	DESCRIPTION
			DATE
			9-10-14

Revisions

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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

CONSULTANT:
BOYADJIAN & ASSOCIATES
PROJECT FINANCE AND MANAGEMENT CONSULTANTS
P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:
BOURJ HAMOUD THIRD SCHOOL

PLOT NO.: - BLOCK: -

Sheet Information

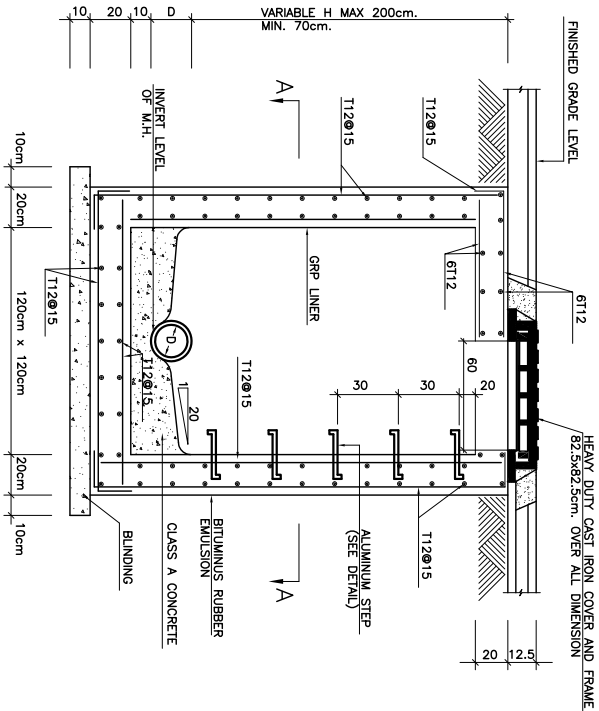
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DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

Sheet Title
CONSTRUCTION
DETAILS 4/7

Sheet nbr.

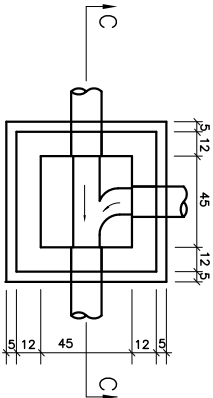
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Phase	Discipline	Floor Area	Drawing Number	Revision
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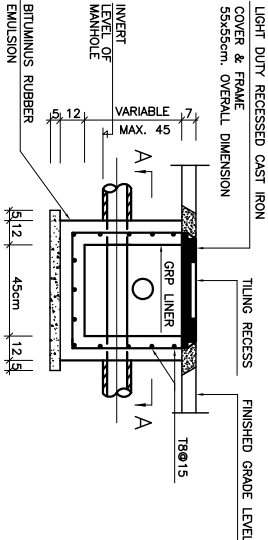
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SCALE : 1/20



SECTION A-A

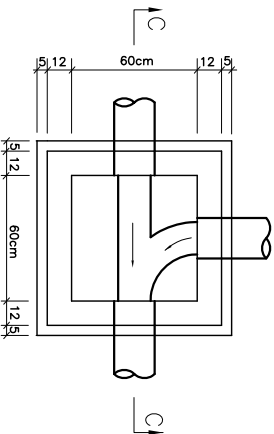
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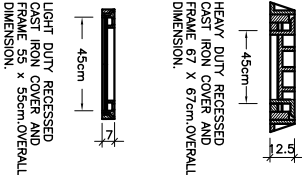
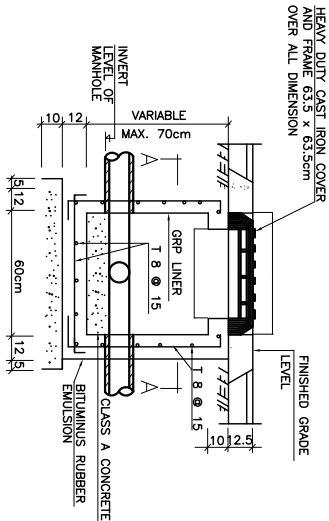
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INSPECTION CHAMBER
TYPE II

SCALE : 1/20

SECTION A-A



SECTION C-C
INSPECTION CHAMBER
TYPE I




Key Plan




REV	BY	APP	DESCRIPTION	DATE
				9-10-14

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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

CONSULTANT:
BOYADJIAN & ASSOCIATES
PROJECT FINANCE AND MANAGEMENT CONSULTANTS
P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:
BOURJ HAMOUD THIRD SCHOOL

PLOT NO.: -BLOCK: -

Sheet Information

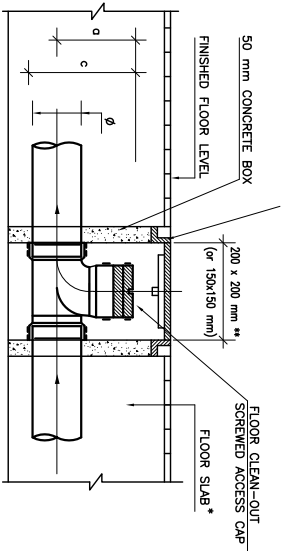
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DISCIPLINE	CIVIL ENGINEERING
SECTOR	-
BUILDING	-
DESIGNED	-
DRAWN	PM
CHECKED	VB
APPROVED	VB
DATE	08.11.2014
SCALE	-
SHEET SIZE	A3

Sheet Title
CONSTRUCTION
DETAILS 5/7

Sheet nbr.

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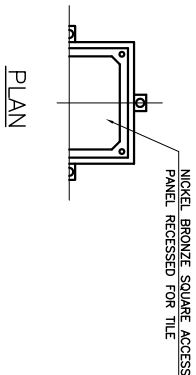
Phase	Discipline	Floor Area	Drawing Number	Revision
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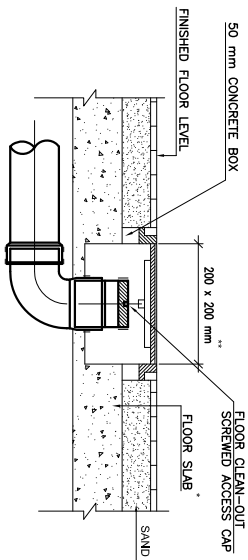
ø	3"	4"	6"
	(82 mm.)	(110 mm.)	(160 mm.)
c	205 mm.	230 mm.	250 mm.
ø	160 mm.	180 mm.	170 mm.

UPVC FLOOR CLEAN-OUT DETAIL

* SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY
** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.

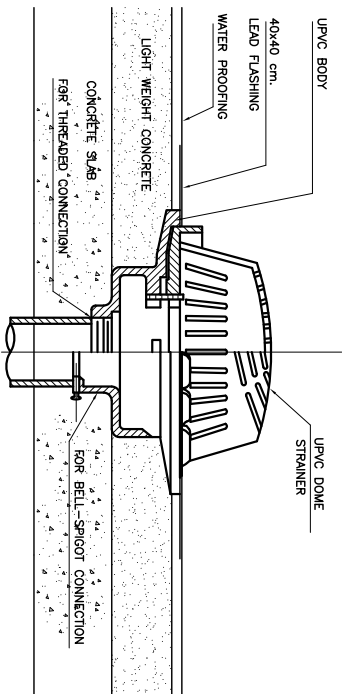


PLAN

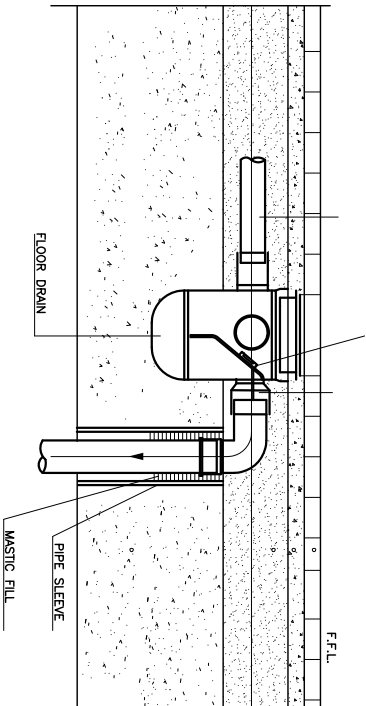


UPVC FLOOR CLEAN-OUT DETAIL
(90° INCLINED)

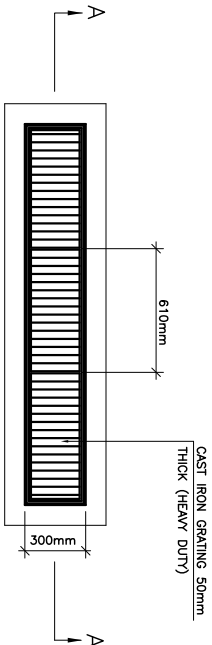
* SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY
** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.



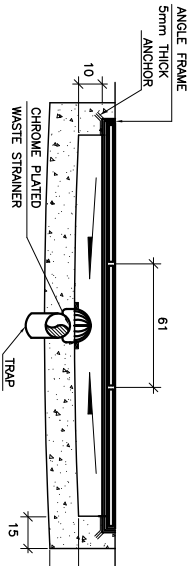
ROOF DRAIN BOTTOM OUTLET
DETAIL



UPVC FLOOR DRAIN WITH CLEAN OUT



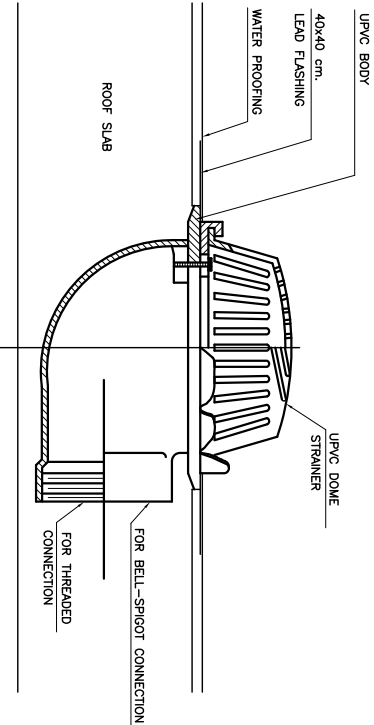
GUTTER DRAIN PLAN



SECTION A-A

GRATING DETAIL

SCALE : 1/25



ROOF DRAIN SIDE OUTLET
DETAIL


Key Plan



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PROGRAMME: Lebanese Host Communities

Support Programme

Support to Integrated Service

Provision at the Local Level

CONSULTANT:

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P.O.Box: 175 293 Beirut, Lebanon Tel: 961 1 980138

PROJECT:

BOURJ HAMOUD THIRD SCHOOL

PLOT NO.:	-	BLOCK:	-
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Sheet Information			
PROJECT NBR.	-	PROJECT PHASE	TENDER
DISCIPLINE	-	SECTOR	CIVIL ENGINEERING
BUILDING	-	DESIGNED	-
DRAWN	-	CHECKED	PM
APPROVED	-	DATE	08.11.2014
SCALE	-	SHEET SIZE	A3

Sheet Title

CONSTRUCTION

DETAILS 6/7

Sheet nbr.

T - C - G - 013 - R00

Phase	Discipline	Floor Area	Drawing Number	Revision
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