

1000 MTS	ALTITUDE
35.902944	GPS E
33.843462	GPS N
ZAHLEH	CITY
ZAHLEH	DISTRICT
BEKAA	GOVERNORATE
	Site Location

CONSTRUCTION DETAILS 7/7	T-C-G-010
CONSTRUCTION DETAILS 6/7	T-C-G-009
CONSTRUCTION DETAILS 5/7	T-C-G-008
CONSTRUCTION DETAILS 4/7	T-C-G-007
CONSTRUCTION DETAILS 3/7	T-C-G-006
CONSTRUCTION DETAILS 2/7	T-C-G-005
CONSTRUCTION DETAILS 1/7	T-C-G-004
ALUMINUM WINDOWS AND DOORS	T-C-G-003
TILING PLAN	T-C-G-002
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List of Drawings	

Key Plan



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Revisions	DATE			

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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

CONSULTANT:

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

PROJECT:

HADANAT AL TOUFOL

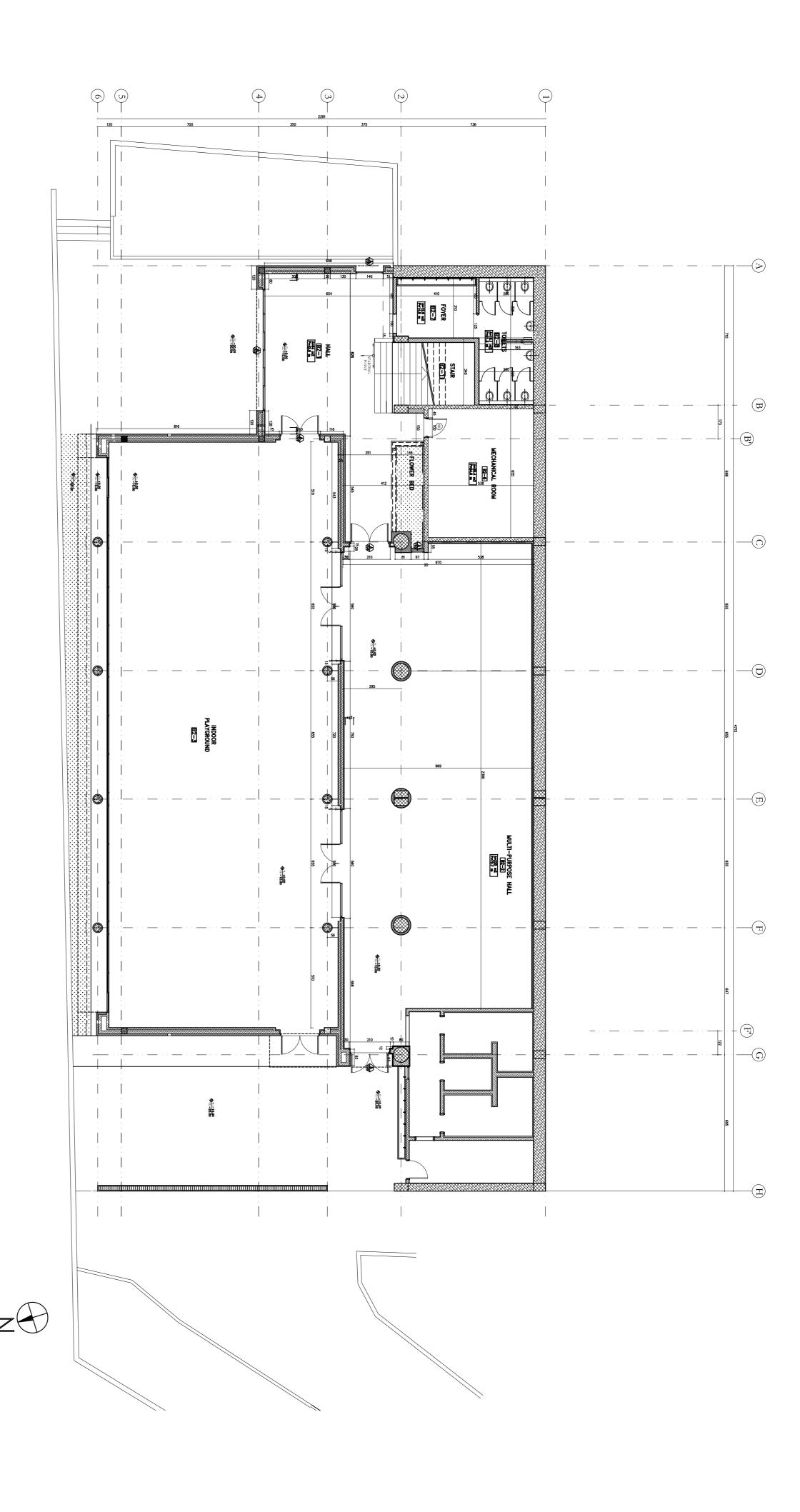
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PROJECT NBR.
PROJECT PHASE
DISCIPLINE DRAWN CHECKED APPROVED BUILDING DESIGNED SCALE SHEET SIZE SECTOR DATE Sheet Information TENDER CIVIL ENGINEERING 03.09.2015 GB VB VB <u>></u>

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Sheet Title

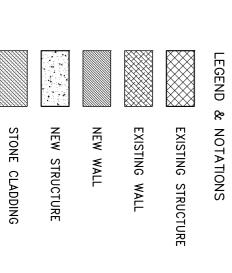
| Discipline | Floor Area | Drawing Number Revision

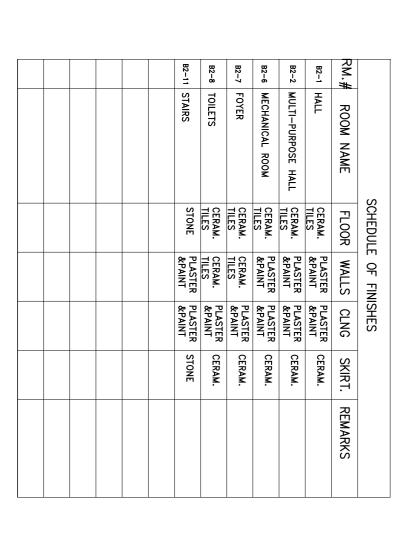


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ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE INDICATED.





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UNDP Lebanon

United Nation Development Programme

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

Lebanese Host Communities Support Programme



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

PROJECT: HADANET \geq TOUFOL

BLOCK:

PLOT NO.:

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FLOOR PLAN

PROJECT PHASE DISCIPLINE SECTOR PROJECT NBR. Sheet Information TENDER CIVIL ENGINEERING

BUILDING DESIGNED DRAWN CHECKED SCALE SHEET SIZE DATE **APPROVED** 03.09.2015 GB ¥B ¥B <u>></u>

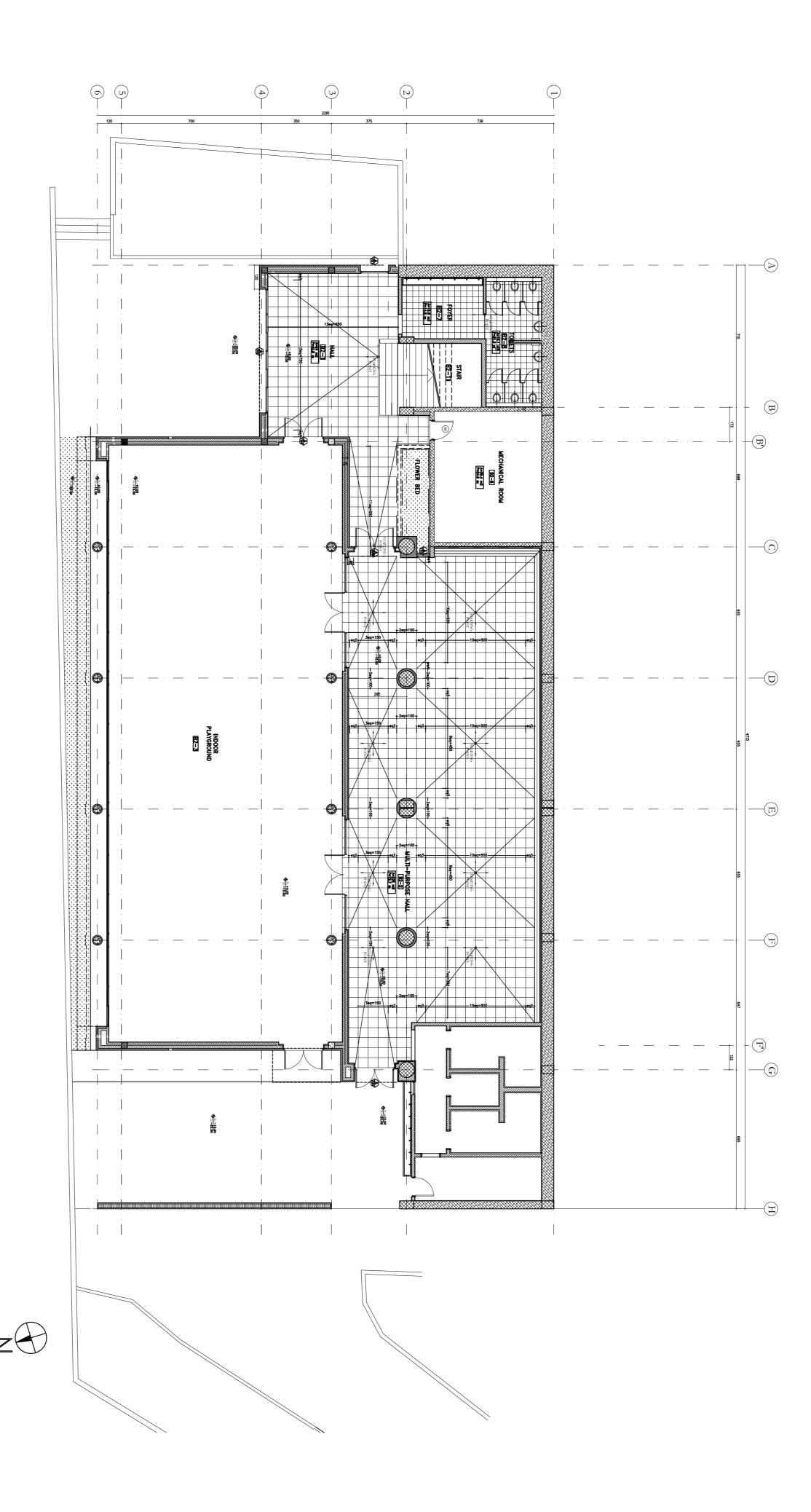
FLOOR PLAN

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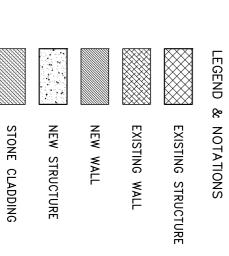
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Discipline Floor Area Drawing Number Revision



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Empowered lives. Resilient nations.	D P	Z
P.O.Box: 11-3216 B	Social and Loca	

PROGRAMME:

United Nation Development Programme UNDP Lebanon al Development Programme eirut, Lebanon Tel: 961 1 962491



Lebanese Host Communities Support Programme



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

PROJECT: HADANET \nearrow TOUFOL

PLOT NO.:

BLOCK:

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PLAN

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03.09.2015	DATE
VB	APPROVED
VB	CHECKED
GB	DRAWN
-	DESIGNED
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ı	SECTOR
CIVIL ENGINEERING	DISCIPLINE
TENDER	PROJECT PHASE
1	PROJECT NBR.
Sheet Information	

TILING PLAN

Sheet Title

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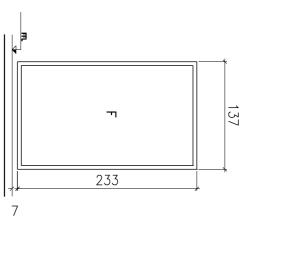
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Discipline

Floor Area Drawing Number

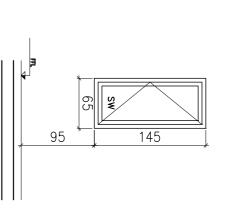
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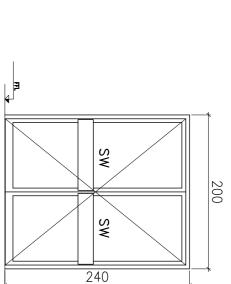
ALUMINUM WINDOWS **∞** DOORS



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S		618
ST ST	TI	181
	FI	

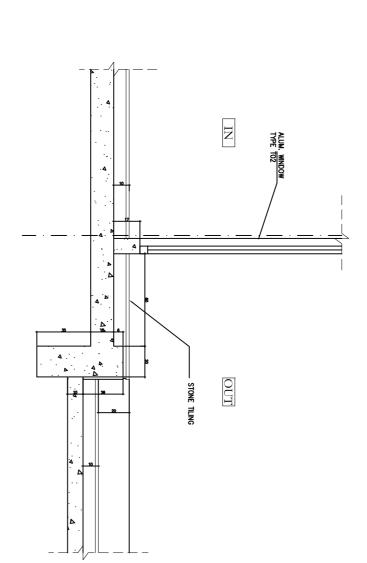
320







R.O.= 200x240 cm



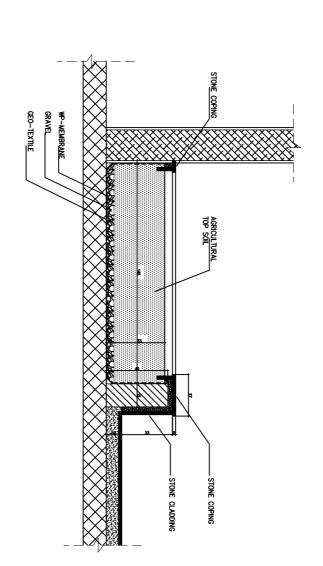
VERTICAL SECTION

LEGEND:

- \otimes FIXED PANE ONE WAY SWINGING PANE SIDE TOP OR MIDDLE HINGED
- SLIDING PANEL
- R.O. ROUGH OPENING

NOTES:

- ALUMINUM WORKS SHOWN ARE DIAGRAMMATIC, CONTRACTOR TO SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL.
- POWDER COATED. ALUMINUM TO BE POLYESTER
- ALL IRONMONGERY TO BE TOP QUALITY APPROPRIATE TO THE REQUIRED FUNCTION. CONTRACTOR TO SUBMIT SAMPLES FOR APPROVAL.
- OPERATION OF WINDOWS AND DOORS TO BE AS SHOWN ON DRAWINGS.
- YLL TYPES OF GLASS FLOAT GLASS . ARE 6mm CLEAR
- ALL WINDOWS ARE DOUBLE GLAZED
 (2 PANES 6mm GLASS SEPARATED BY
 A 10mm CAVITY)



FLOWER BED DETAILS

Key Plan



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DATE			

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PROGRAMME: Lebanese Host Communities Support Programme

CONSULTANT:

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

PROJECT:

PLOT NO.: HADANET AL BLOCK: TOUFOL

Sheet Information

PROJECT PHASE DISCIPLINE DRAWN CHECKED SCALE SHEET SIZE DATE DESIGNED **SECTOR** BUILDING **APPROVED** PROJECT NBR. CIVIL ENGINEERING 03.09.2015 ¥B GB ¥B

ALUMINUM **Sheet Title**

WINDOWS

AND DOORS

Sheet nbr.

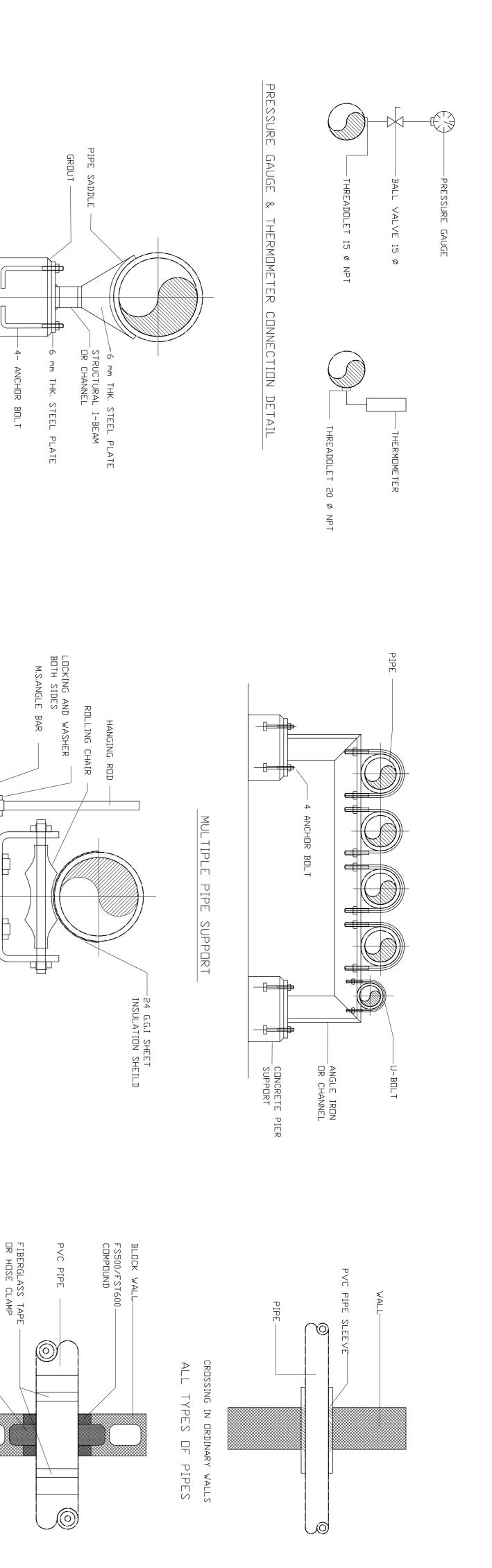
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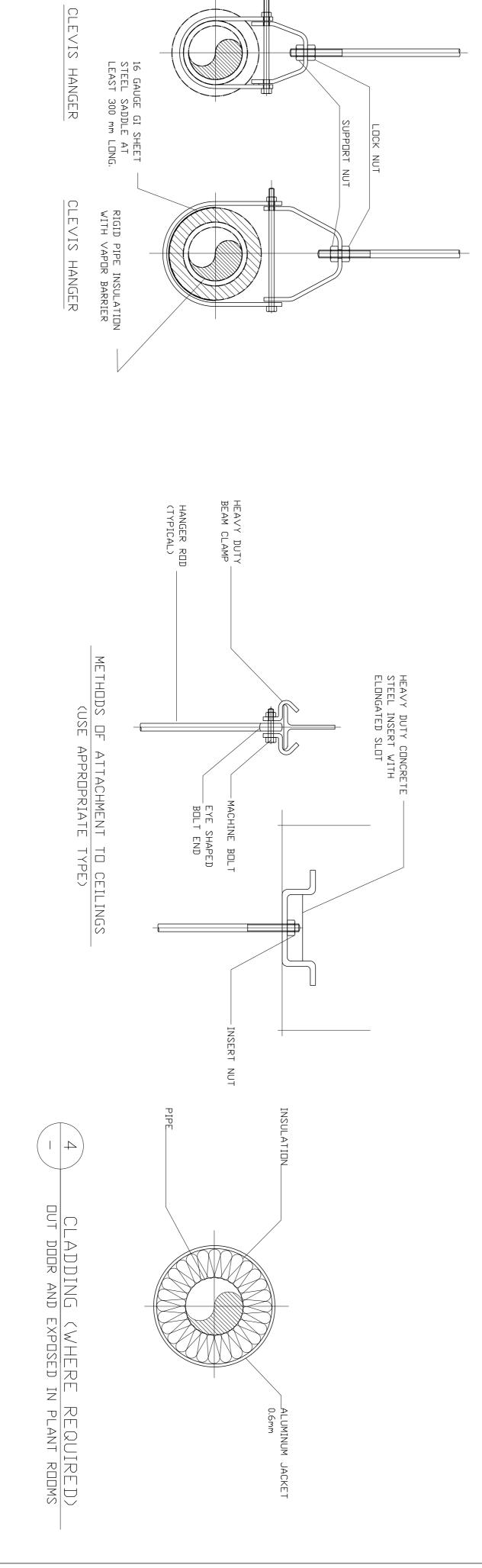
Discipline

Floor Area

Drawing Number

Revision





BOLTED BAND HANGER

HANGERS

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REINFORCED CONCRETE
PIER SUPPORT

PIPE

SADDLE

SUPPORT

ROLLING CHAIR

PIPE

THRU

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DETAILS

PROGRAMME:

LG.I.BOLT 6mm

MINERAL FIBER-

FOR PVC PIPE

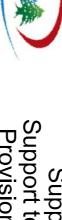
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FLOOR SUPPORTS

Z. T. S.

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



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

CONSULTANT:

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PROJECT:

PLOT NO.: BLOCK:

HADANAT AL

TOUFOL

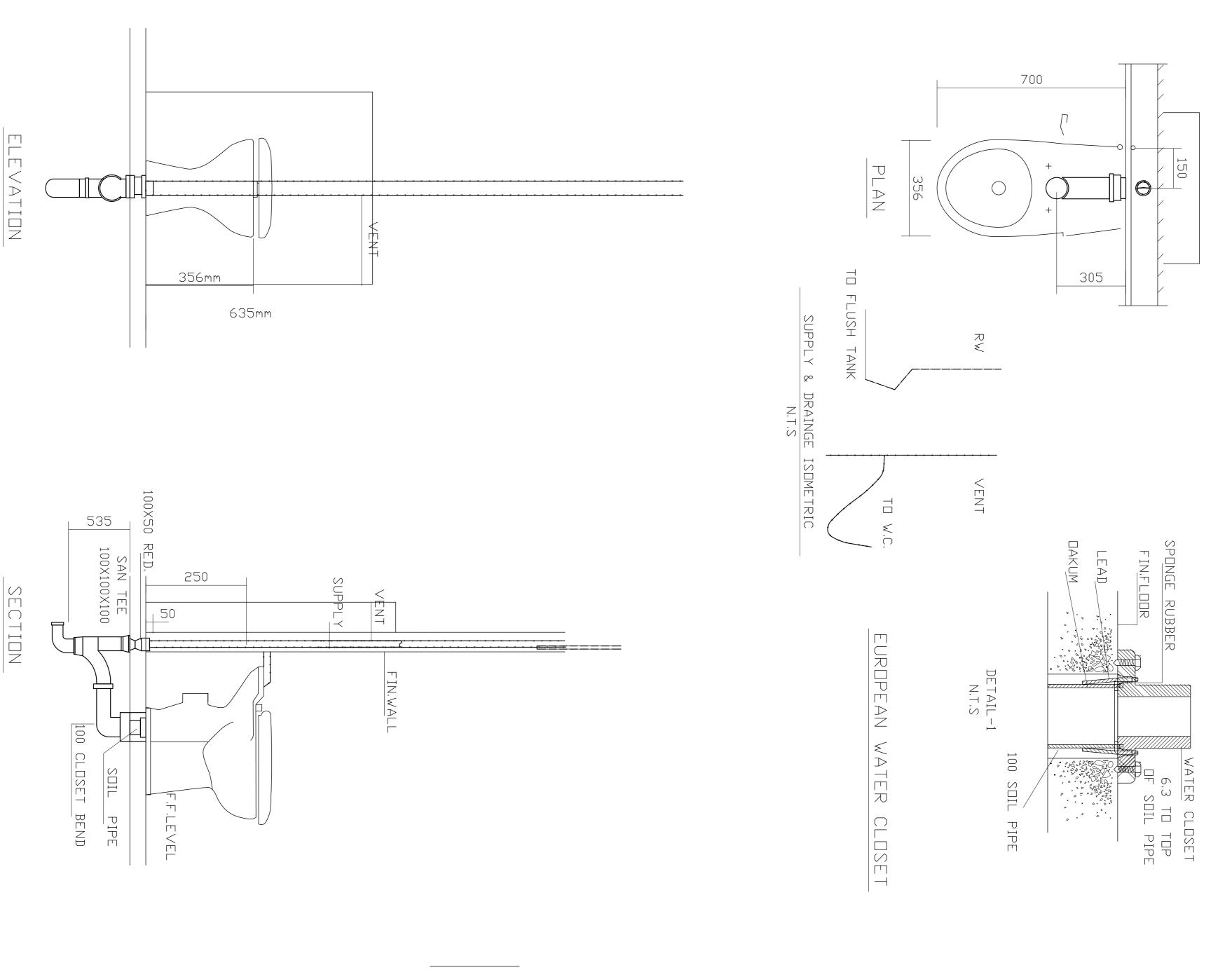
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CONSTRUCTION DETAILS 1/7

Sheet Title

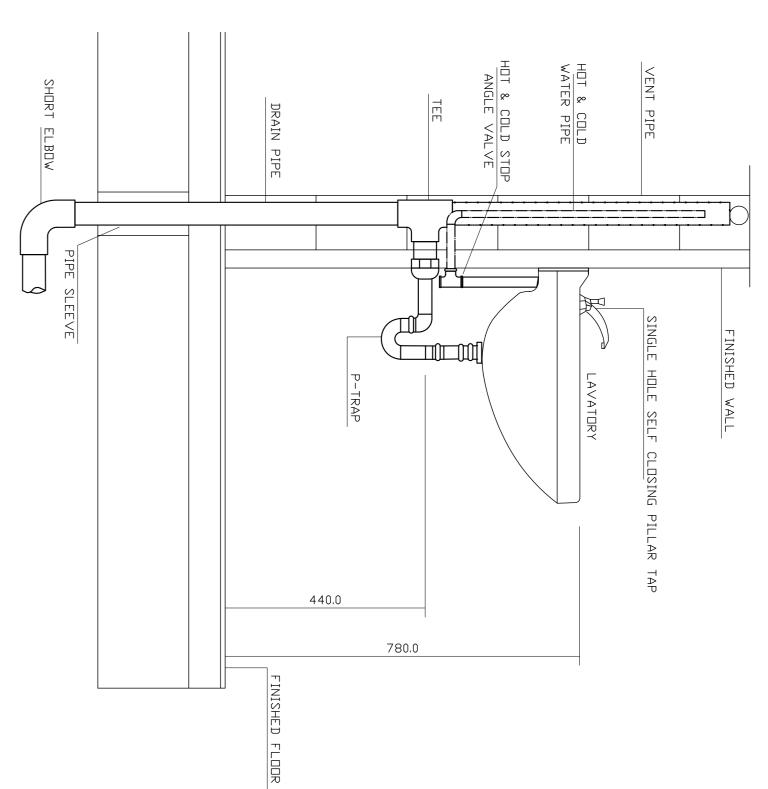
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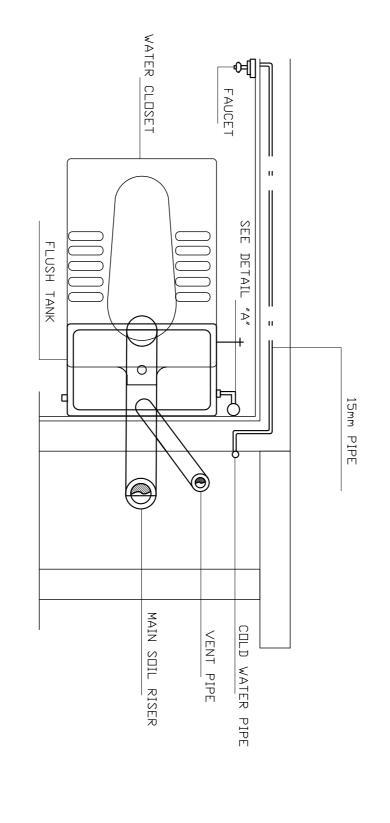
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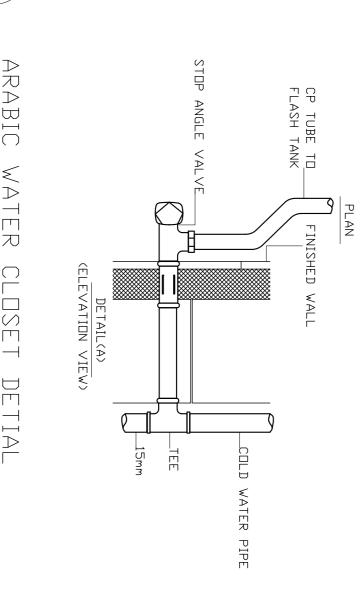


LAVATORY DETAILS

Z.T.S.









EUROPEAN WATER CLOSET

Key Plan

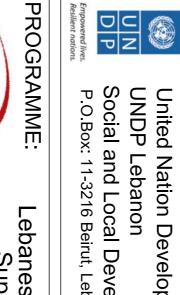


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PLOT NO.: HADANAT AL BLOCK: TOUFOL PROJECT:

PROJECT PHASE DISCIPLINE DRAWN CHECKED SCALE SHEET SIZE DATE DESIGNED **SECTOR** BUILDING **APPROVED** PROJECT NBR. **Sheet Information** CIVIL ENGINEERING 03.09.2015 PM ¥B ₩ <u>></u>

CONSTRUCTION **DETAILS 2/7**

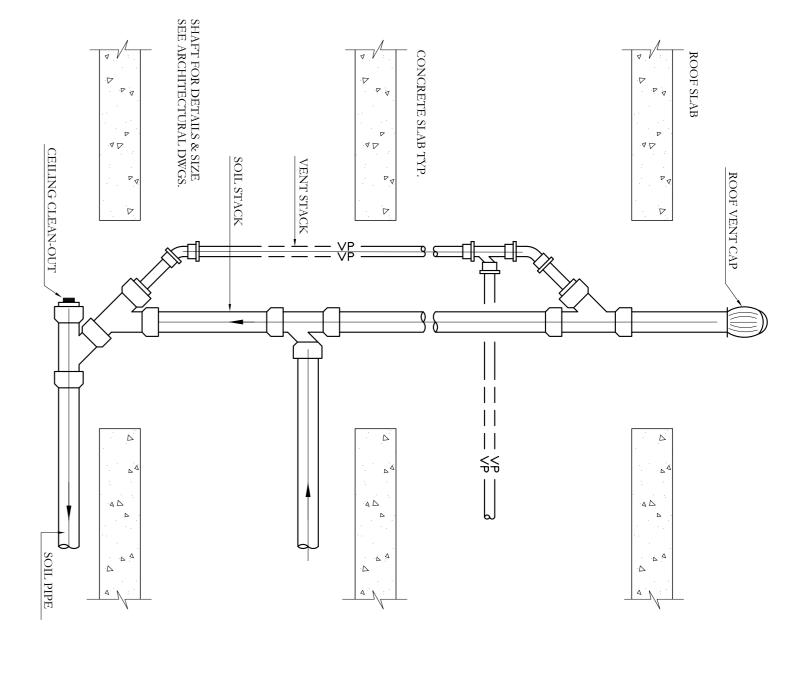
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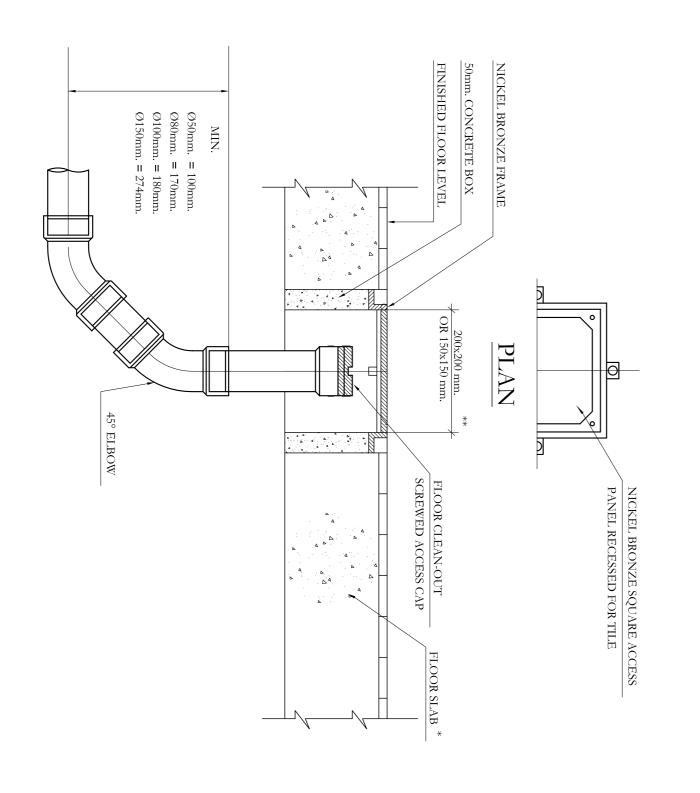
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Discipline Floor Area Drawing Number

Revision

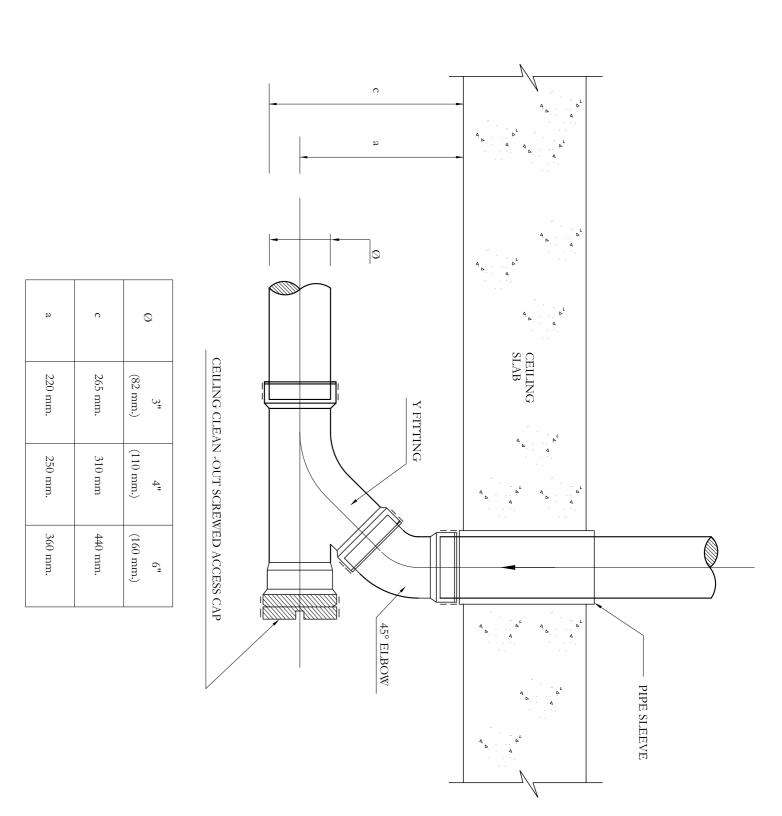


VENT & SOIL PIPE CONNECTION AT LOW & HIGH LEVELS

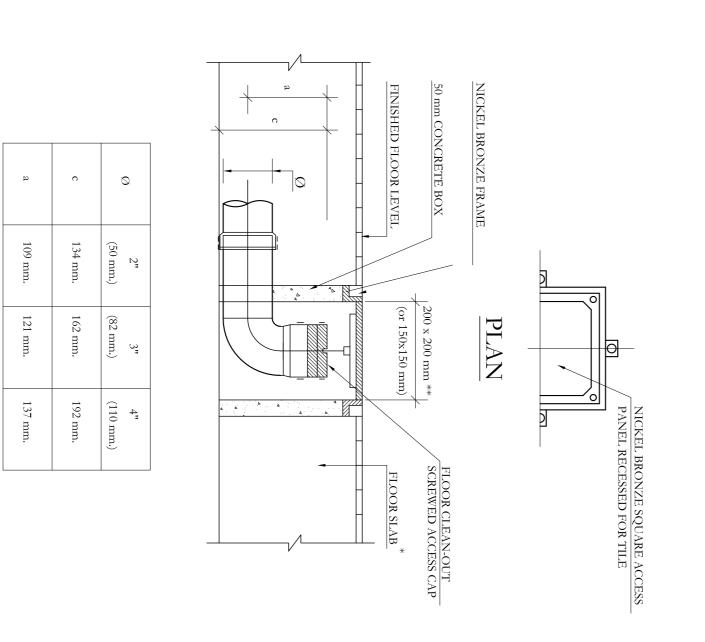


UPVC FLOOR CLEAN-OUT DETAIL

* 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

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* SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY

** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.

Key Plan



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PLOT NO.: HADANAT \geq BLOCK: TOUFOL

Sheet Information

PROJECT PHASE DISCIPLINE DRAWN CHECKED DESIGNED **SECTOR** BUILDING **APPROVED** PROJECT NBR. CIVIL ENGINEERING PS ¥B ₩

CONSTRUCTION Sheet Title

DETAILS

SCALE SHEET SIZE

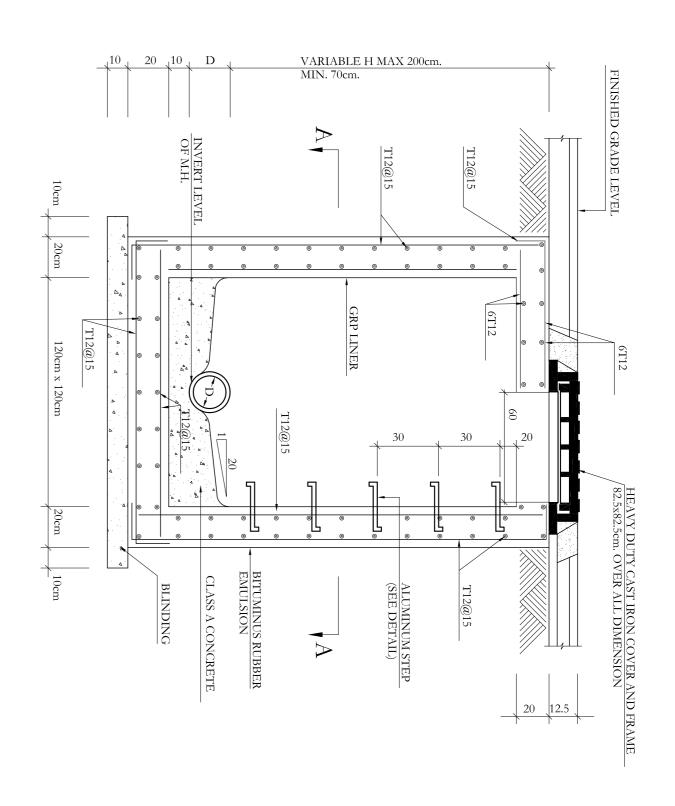
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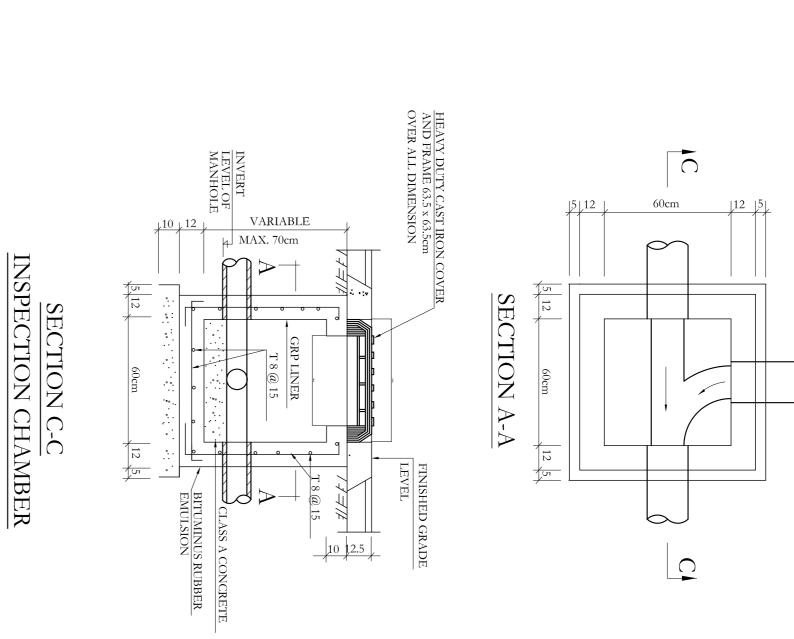
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MANHOLE TYPE SACLE: 1/20



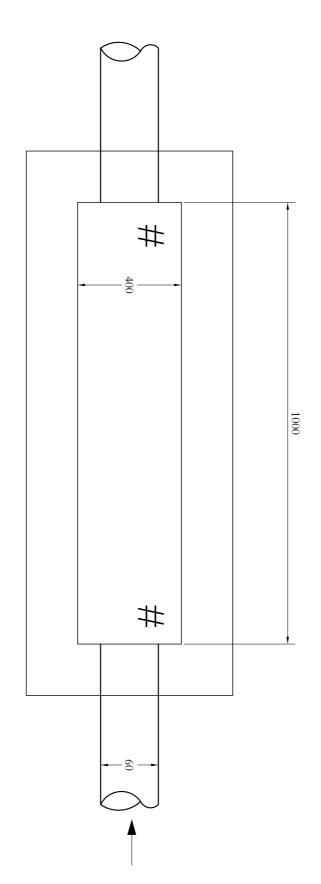
TYPE I

LIGHT DUTY RECESSED CAST IRON COVER AND FRAME 55 x 55cm,OVERALL DIMENSION.

7

HEAVY DUTY RECESSED CAST IRON COVER AND FRAME 67 X 67cm,OVERALL DIMENSION.

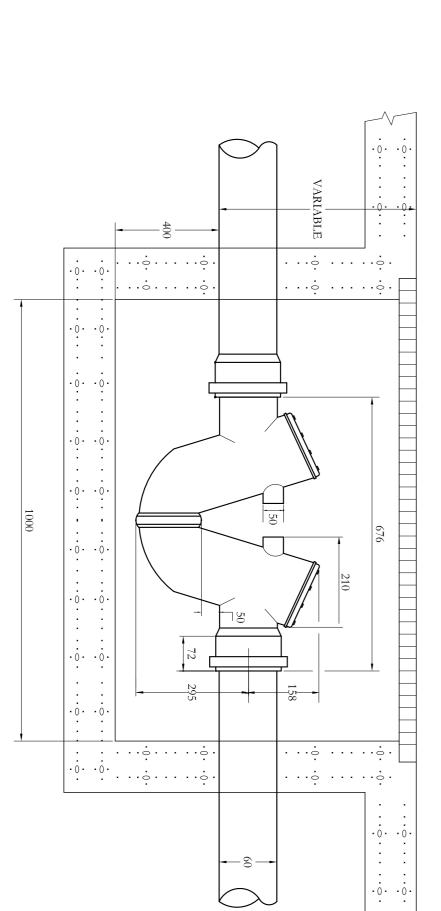
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BITUMINUS RUBBER EMULSION

5 12

12 5

LIGHT DUTY RECESSED CAST IRON
COVER & FRAME
55x55cm, OVERALL DIMENSION

TILING RECESS

FINISHED GRADE LEVEL

SECTION A-A

SCALE: 1/20

VARIABLE 17 MAX. 45

 \nearrow

GULLY TRAP (GT)

SECTION C-C
INSPECTION CHAMBER
TYPE II
SCALE: 1/20

Key Plan



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

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United Nation Development Programme

CONSULTANT:

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PROJECT:

HADANAT

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TOUFOL

PLOT NO.: BLOCK:

PROJECT NBR. Sheet Information

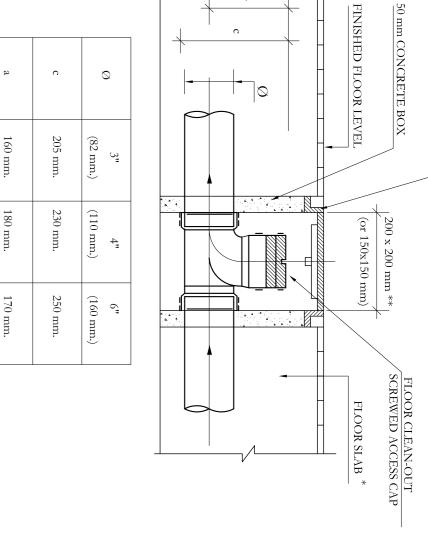
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CONSTRUCTION DETAILS 4/7

Sheet Title

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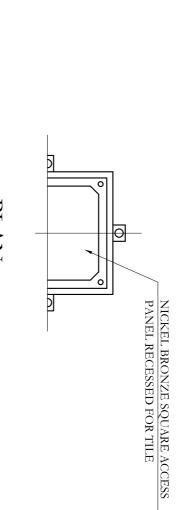
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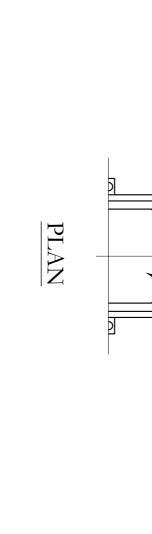


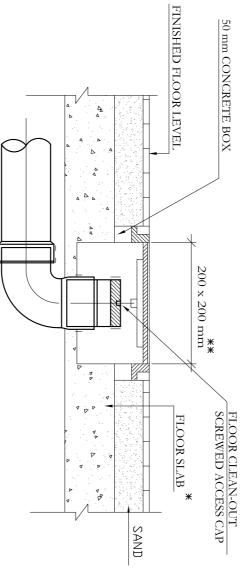
a	С
160 mm.	205 mm.
180 mm.	230 mm.
170 mm.	250 mm.

UPVC FLOOR CLEAN-OUT DETAIL

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



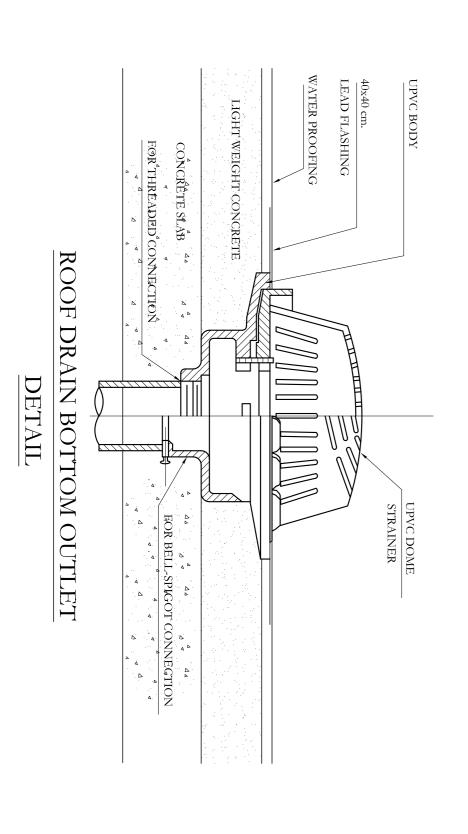


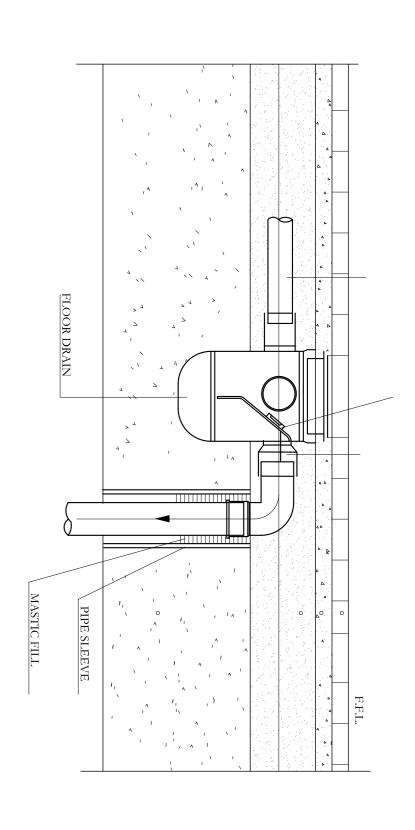


UPVC FLOOR CLEAN-OUT DETAIL

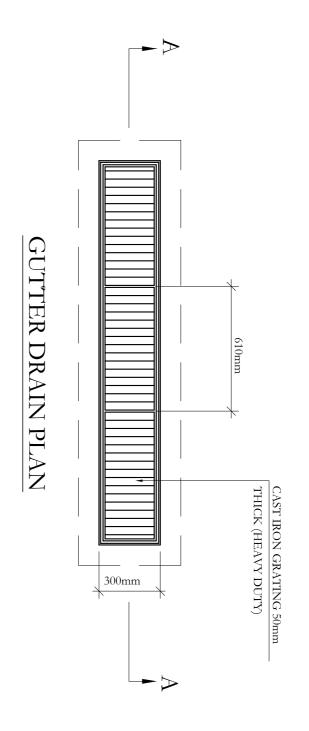
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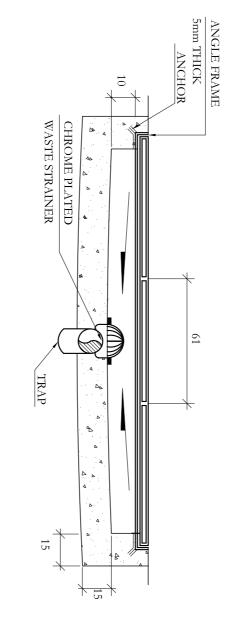
* SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY ** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.





UPVC FLOOR DRAIN WITH CLEAN OUT

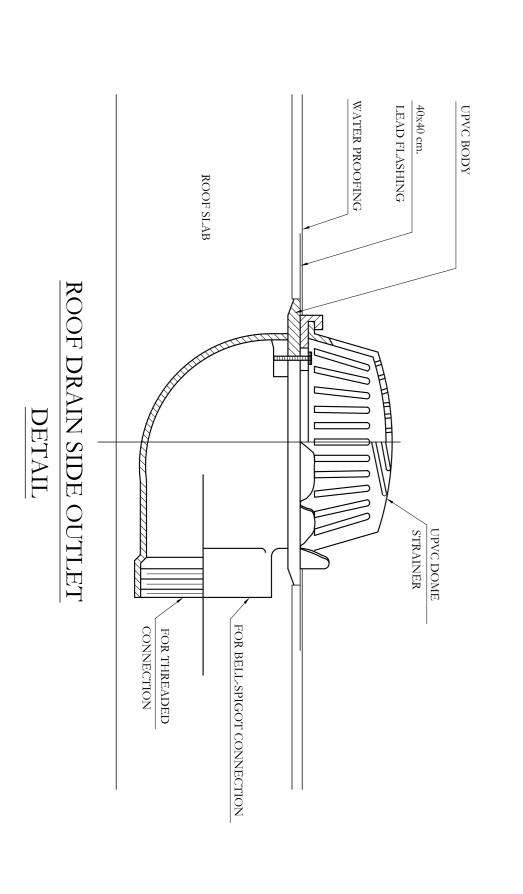




SECTION A-A

GRATING DETAIL

SCALE: 1/25



Key Plan



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Support Programme
Support to Integrated Service
Provision at the Local Level



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PROJECT:

HADANAT \geq TOUFOL

PLOT NO.: BLOCK:

Sheet Information

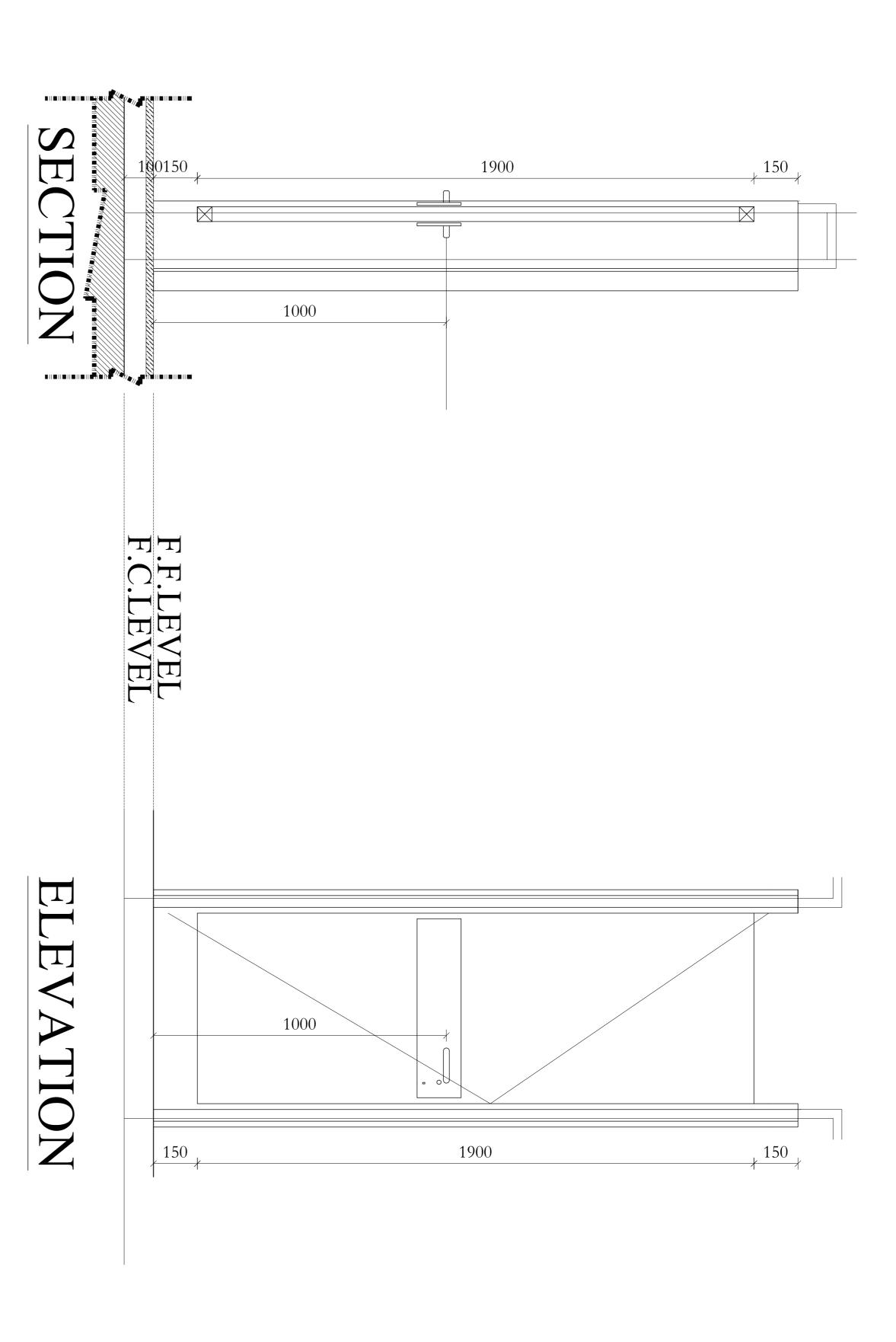
PROJECT PHASE DISCIPLINE DRAWN CHECKED SCALE SHEET SIZE DESIGNED DATE **SECTOR** BUILDING **APPROVED** PROJECT NBR CIVIL ENGINEERING 03.09.2015 PS ¥B ₩ <u>></u>

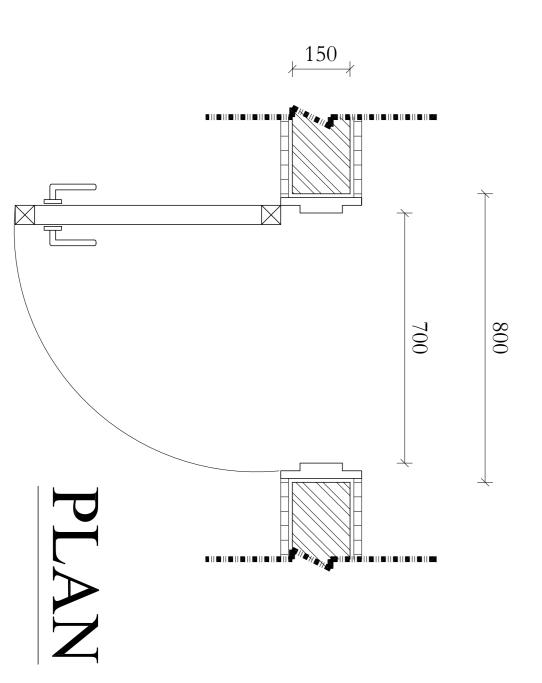
CONSTRUCTION DETAILS

Sheet Title

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

PROGRAMME:

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Support Programme
Support to Integrated Service
Provision at the Local Level

CONSULTANT:

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HADANAT AL TOUFOL

PROJECT:

BLOCK:

PLOT NO:

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PROJECT NBR.
PROJECT PHASE
DISCIPLINE DRAWN CHECKED APPROVED BUILDING DESIGNED DATE SECTOR TENDER CIVIL ENGINEERING 03.09.2015 PM VB ¥B

Sheet Title

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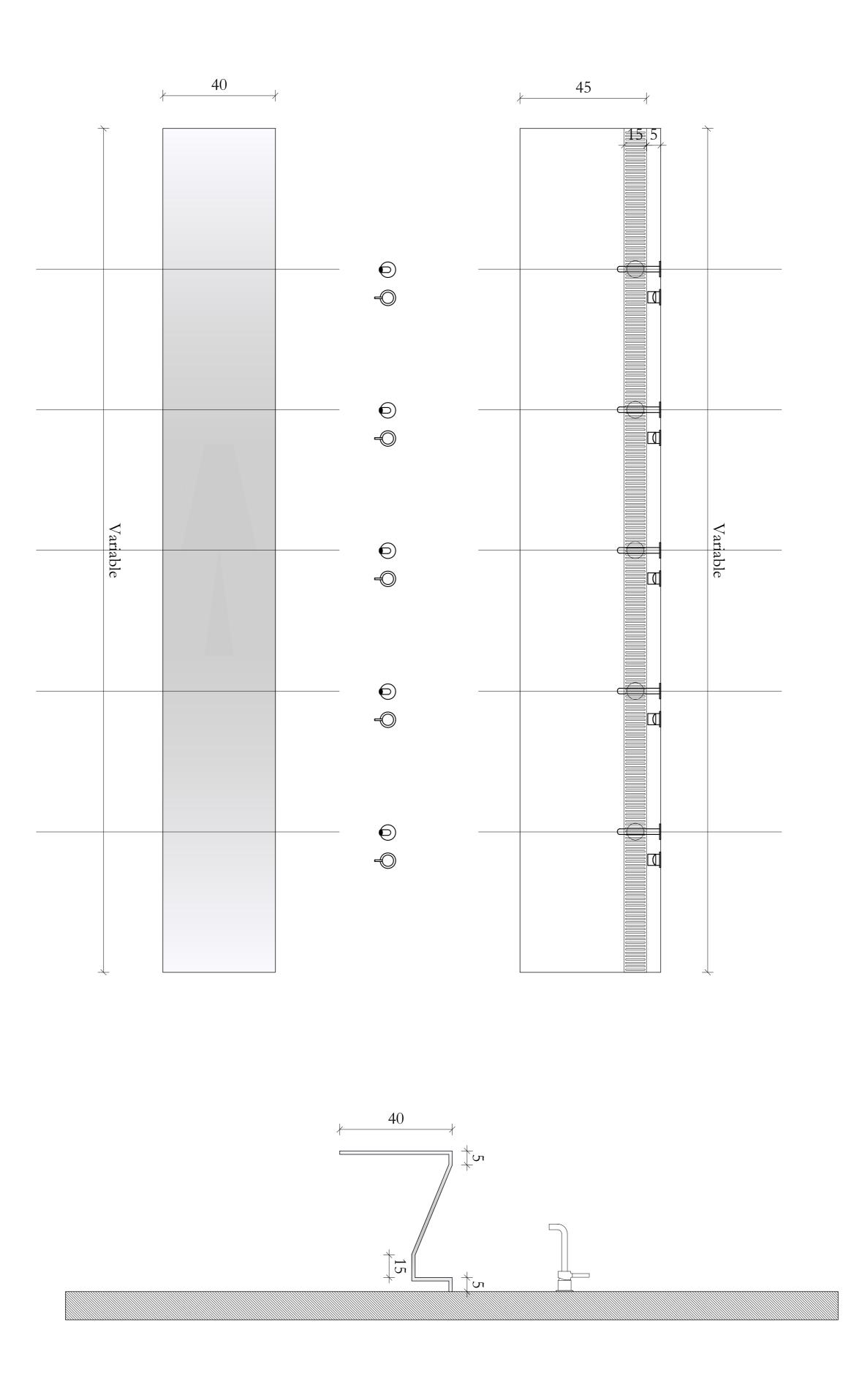
SCALE SHEET SIZE

CONSTRUCTION
DETAILS 6/7

Sheet nbr.

9 **9**009 **R00**

Discipline Floor Area Drawing Number Revision



DRINKING FOUNTAIN DETAIL

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	DATE	DESCRIPTION	APP	ВҮ	REV

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Su	r

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



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:

PLOT NO: BLOCK:

HADANAT AL

TOUFOL

Sheet Information

PROJECT NBR.
PROJECT PHASE
DISCIPLINE DRAWN CHECKED APPROVED BUILDING DESIGNED SCALE SHEET SIZE DATE SECTOR TENDER CIVIL ENGINEERING 03.09.2015 PM VB ¥B 2

CONSTRUCTION
DETAILS 7/7

Sheet Title

Sheet nbr.

9 **R00**

Discipline Floor Area Drawing Number Revision