





Key Plan



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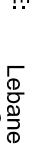
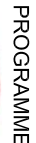


United Nation Development Programme

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:

TAALABAYA SCHOOL

PLOT NO.:

-

BLOCK:

-

Sheet Information

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| PROJECT NBR. | - |
| PROJECT PHASE | TENDER |
| DISCIPLINE | CIVIL ENGINEERING |
| SECTOR | - |
| BUILDING | - |
| DESIGNED | - |
| DRAWN | PM |
| CHECKED | VB |
| APPROVED | VB |
| DATE | 05.04.2015 |
| SCALE | - |
| SHEET SIZE | A3 |

Sheet Title

Sheet nbr.



TAALABAYA SCHOOL

List of Drawings

| | | | |
|-----------|-----------------------------------|-----------|--------------------------|
| T-C-G-001 | GENERAL NOTES AND LEGEND | T-C-G-007 | CONSTRUCTION DETAILS 1/7 |
| T-C-G-002 | EXISTING SCHOOL GROUND FLOOR PLAN | T-C-G-008 | CONSTRUCTION DETAILS 2/7 |
| T-C-G-003 | EXISTING BATHROOM DETAILS 1/2 | T-C-G-009 | CONSTRUCTION DETAILS 3/7 |
| T-C-G-004 | EXISTING BATHROOM DETAILS 2/2 | T-C-G-010 | CONSTRUCTION DETAILS 4/7 |
| T-C-G-005 | BATHROOM SECTIONS A & B | T-C-G-011 | CONSTRUCTION DETAILS 5/7 |
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| | | T-C-G-013 | CONSTRUCTION DETAILS 7/7 |


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
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:

CHEBBA SCHOOL

PLOT NO.:
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Sheet Information

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













































GENERAL NOTES
AND LEGEND

Sheet nbr.

T - C - G - 001 - R00

| Phase | Discipline | Floor Area | Drawing Number | Revision |
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LEGEND

| | | |
|------|--|---------------------------------------|
| AW |  | AIRCONE AM VENT |
| A/C |  | AM CONTINUING |
| AC |  | ACOUSTIC CEILING |
| A/H |  | AM HANDLING UNIT |
| AWC |  | ACONTIC WATER CLOSET |
| B |  | BRIET |
| BO |  | BALCORY DRAIN |
| BS |  | BELOW FLOOR SLAB |
| BT |  | BATH TUB |
| BT/H |  | BRIQUET THERMAL UNITS PER HOUR |
| BV |  | BRIQUET TYPE VARIABLE AIR VOLUME UNIT |
| CC |  | CEILING COIL |
| CCO |  | CEILING OR WALL CLASH-OUT |
| CD |  | CEILING COILS |
| C/H |  | CANET HEATER |
| CH |  | CHILLED WATER SUPPLY |
| CHR |  | CHILLED WATER RETURN |
| CHRR |  | CHILLED WATER RETURNED RETURN |
| CI |  | CISTERN ROOM |
| CL |  | CEILING LEVEL |
| CLB |  | CEILING LEVEL BELOW |
| CP |  | CONTROL PANEL |
| CPV |  | CONTROL PANEL VALVE |
| C/V |  | COMPRESSOR UNIT |
| CH |  | COLD WATER SUPPLY PIPE |
| CHRR |  | COLD WATER RETURN PIPE |
| D |  | DOWN OR CONDENSATE DRAIN PIPE |
| DB |  | DRY BULB TEMPERATURE |
| DF |  | DRINKING FOUNTAIN |
| DL |  | DOOR LOCKER |
| DN |  | DOWN |
| DNV |  | DRY NERVE |
| FW |  | FRESH WATER PIPE |
| DWR |  | DRINKING WATER RETURN PIPE |
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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: **TAALABAYA SCHOOL**

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| PROJECT PHASE | - | DISCIPLINE | CIVIL ENGINEERING |
| SECTOR | - | BUILDING | - |
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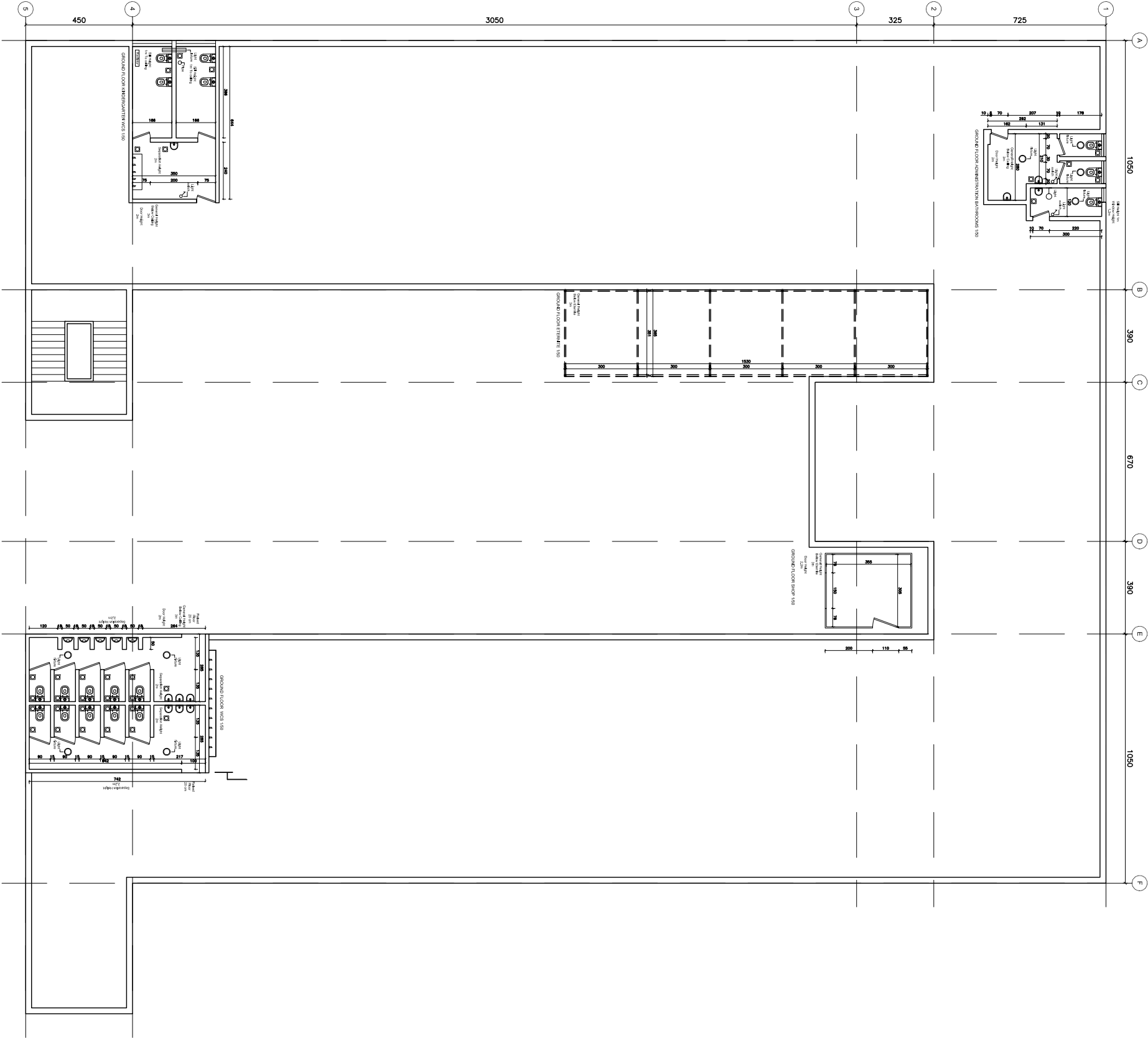
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GROUND FLOOR PLAN

Sheet nbr.

T - C - G - 002 - R00

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| 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:

TAALABAYA SCHOOL

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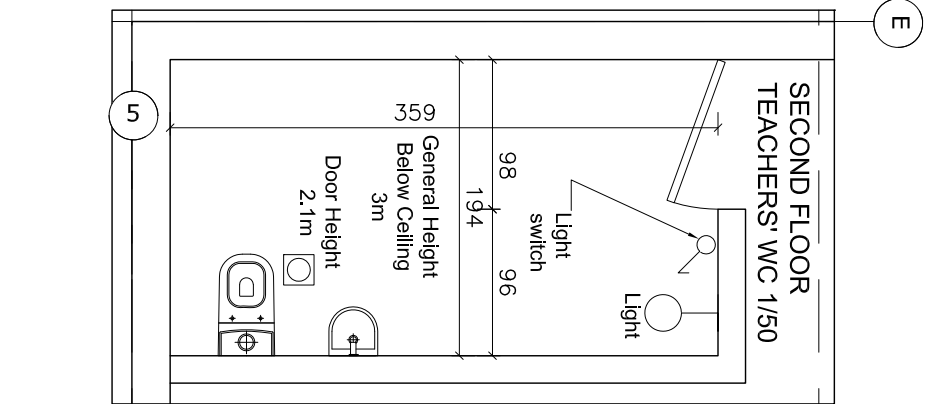
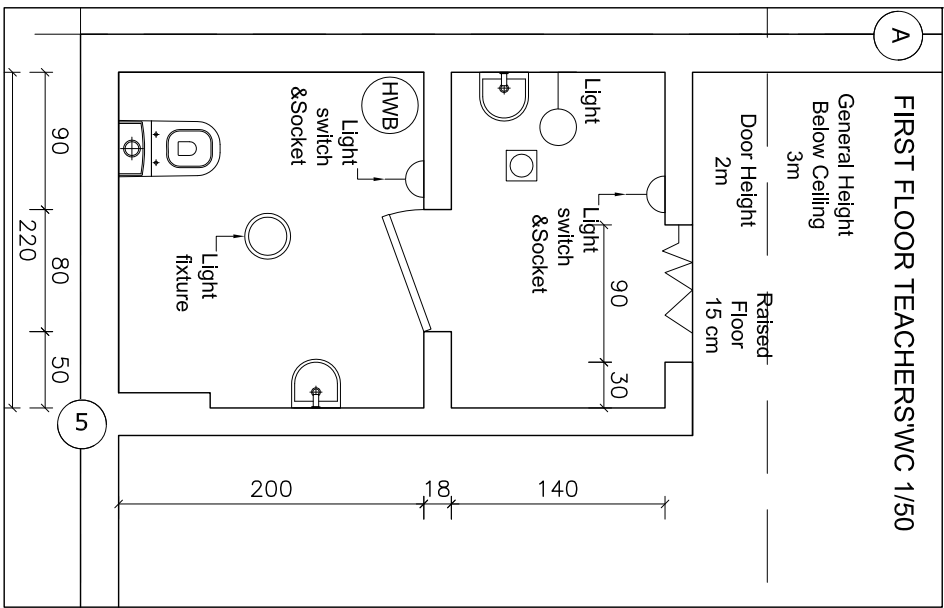
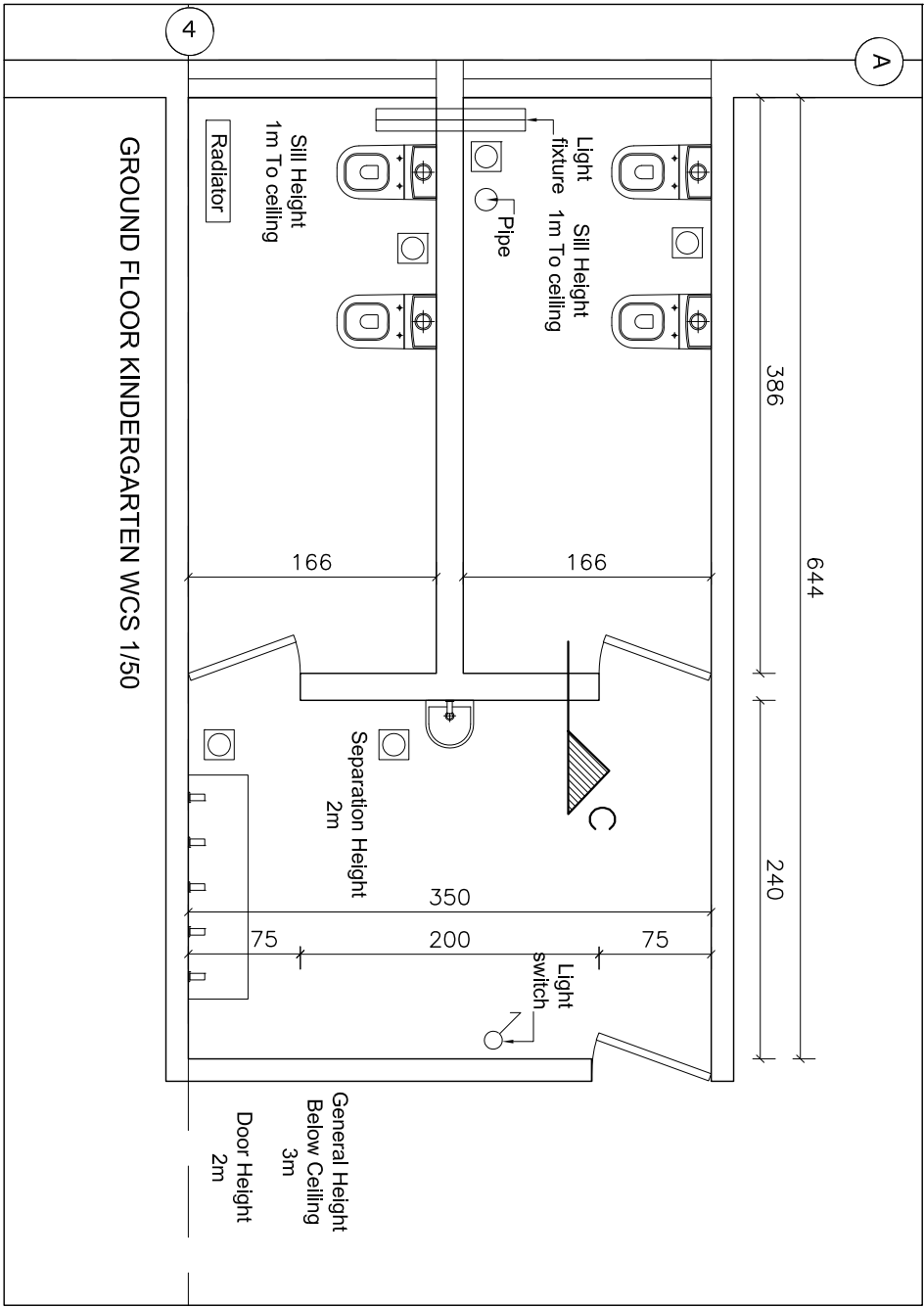
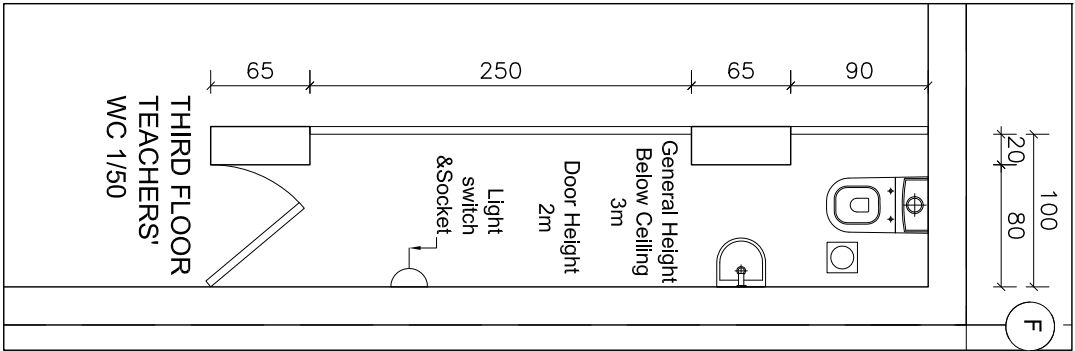
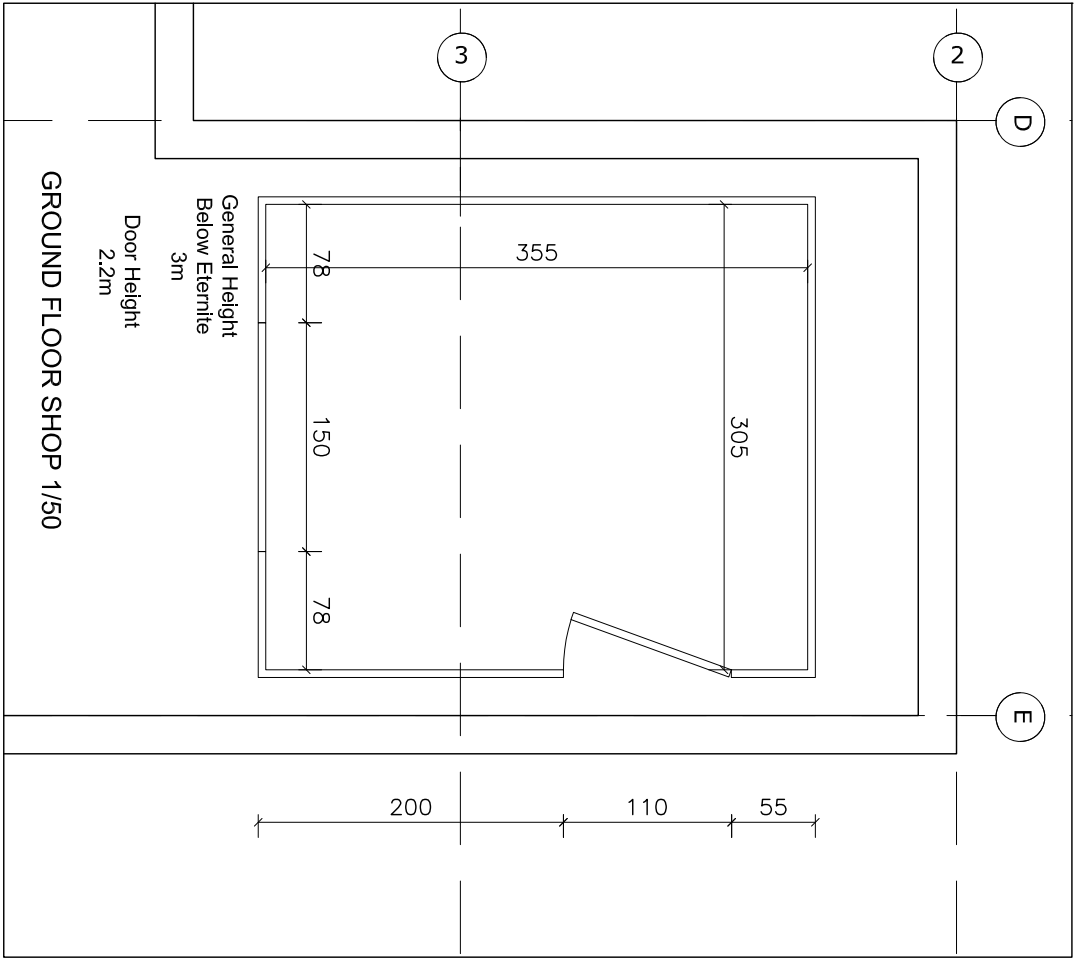
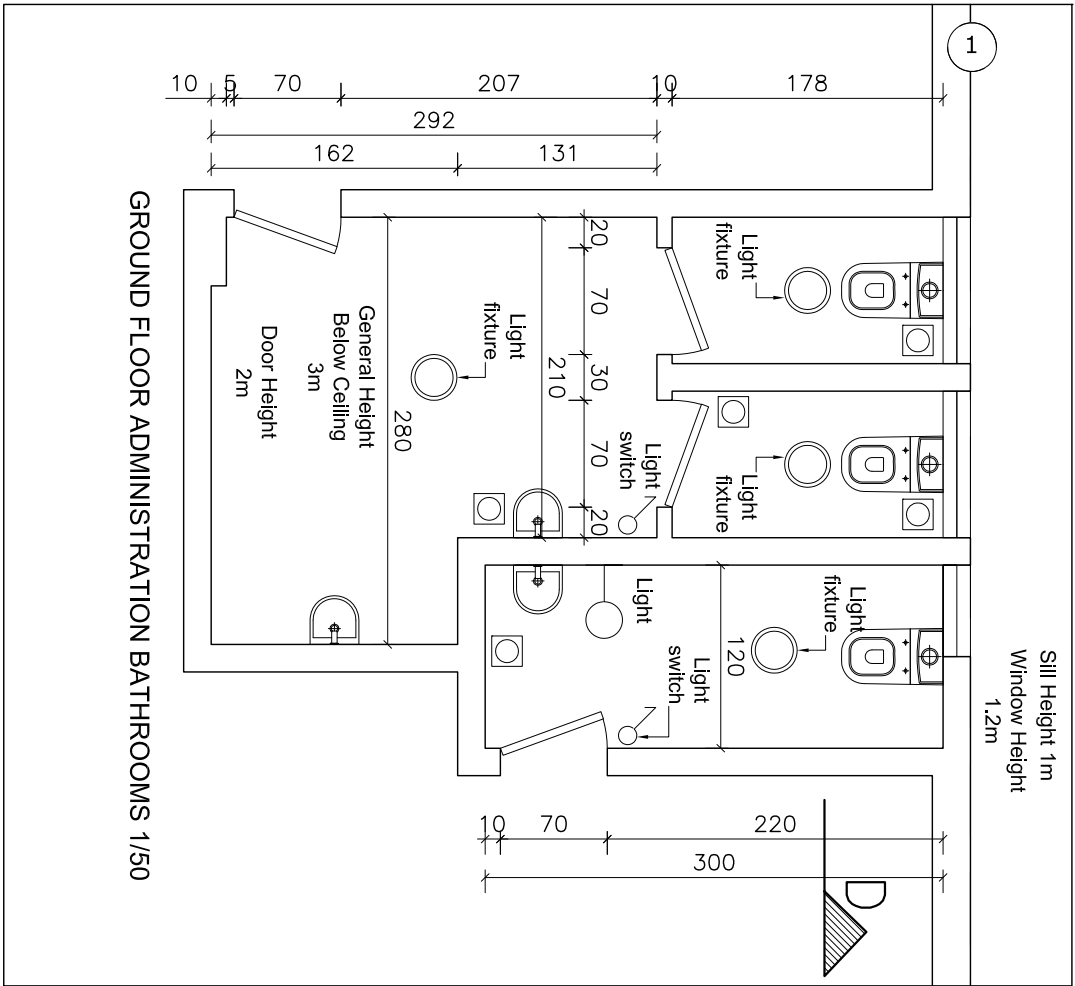
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| DATE | 05.04.2015 | |
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Sheet Title
EXISTING
BATHROOM DETAILS 1/2

Sheet nbr.

T - C - G - 003 - R00

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

PROJECT:
TAALABAYA SCHOOL

PLOT NO.: -BLOCK: -

Sheet Information

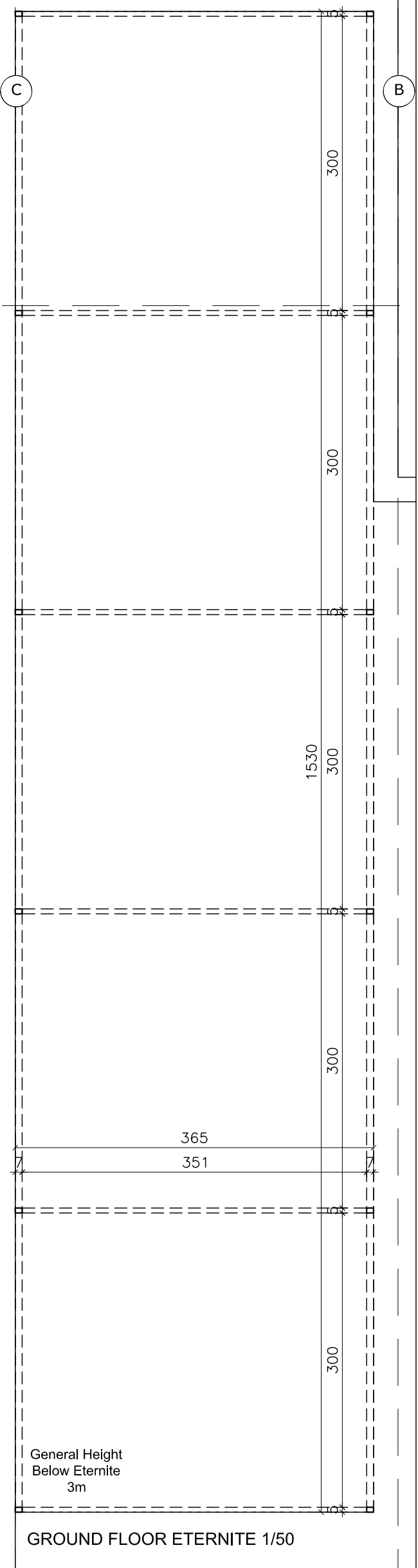
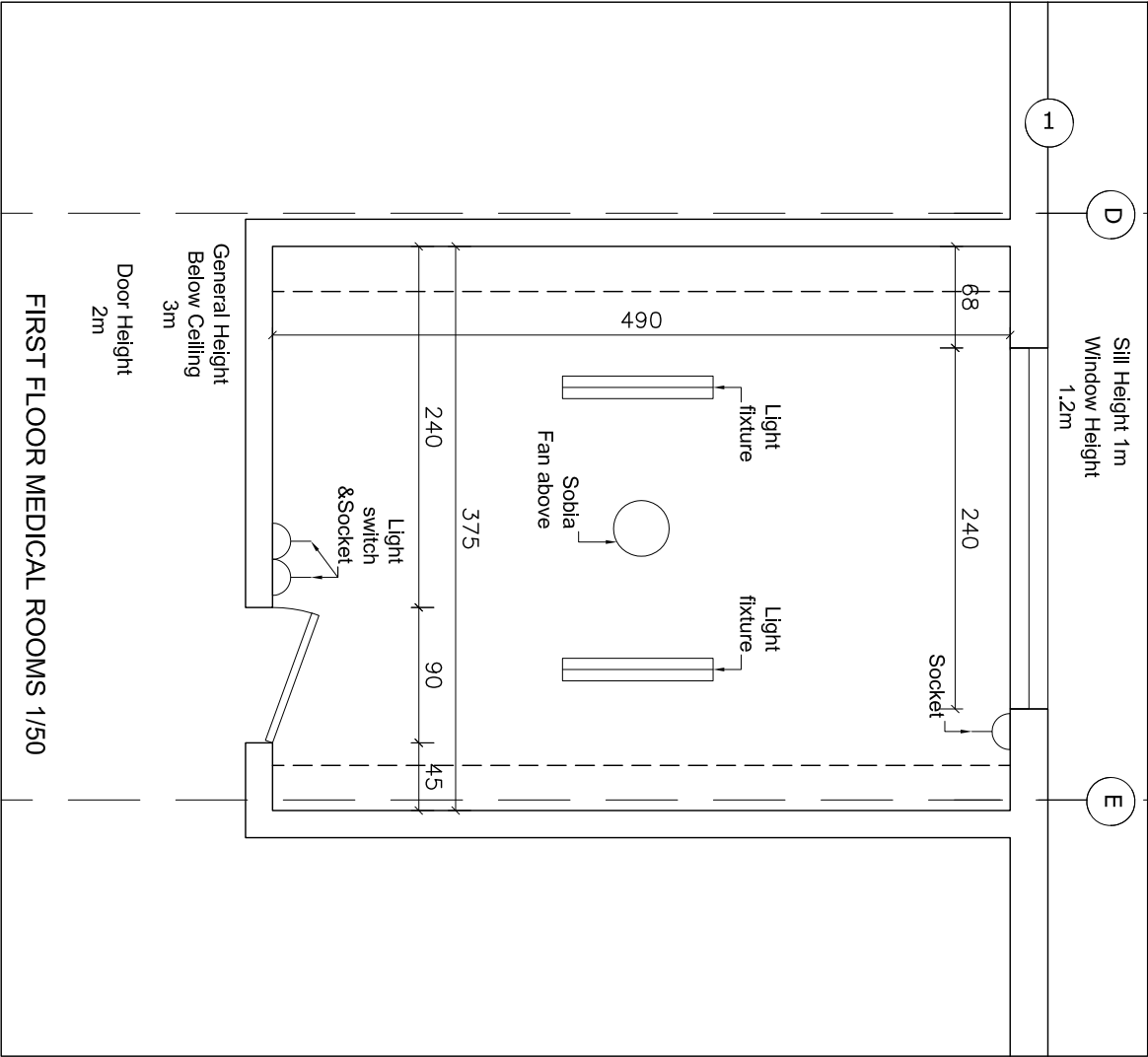
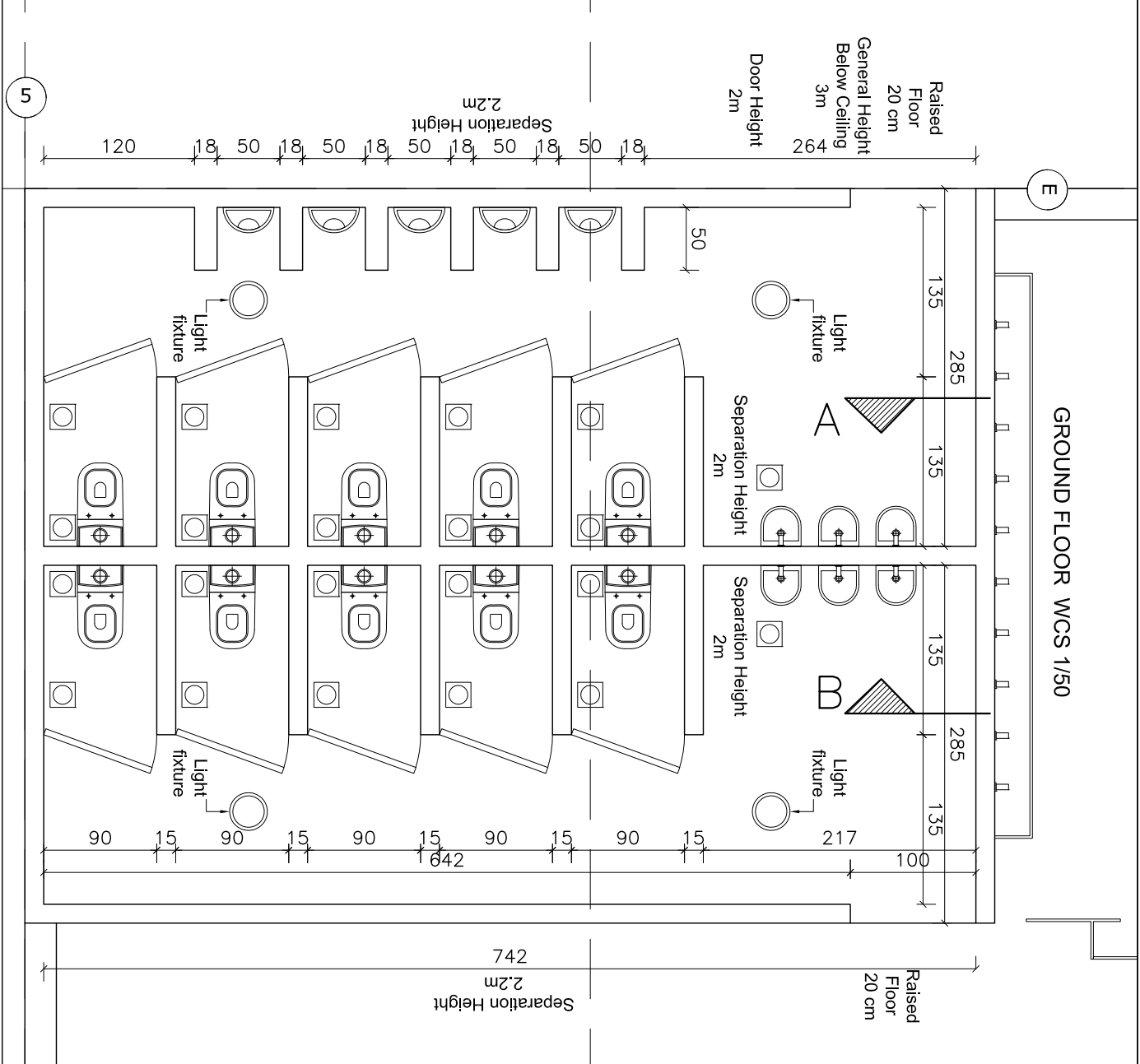
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Sheet Title
EXISTING
BATHROOM DETAILS 2/2

Sheet nbr.

T - C - G - 004 - R00

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Key Plan



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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:

TAALABAYA SCHOOL

PLOT NO.:

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Sheet Information

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| DISCIPLINE | CIVIL ENGINEERING |
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| CHECKED | VB |
| APPROVED | VB |
| DATE | 05.04.2015 |
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Sheet Title

BATHROOM SECTIONS A & B

Sheet nbr.

T - C - G - 005 - R00

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


Key Plan



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

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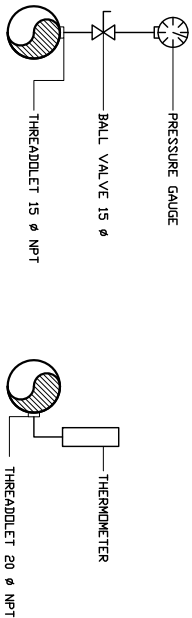
Sheet Title

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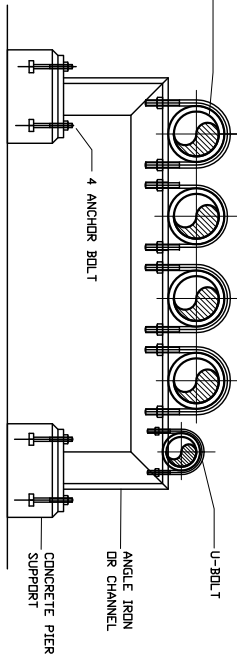
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T - C - G - 006 - R00

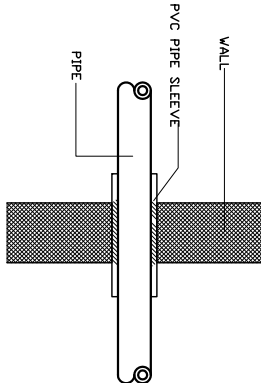
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| Phase | Discipline | Floor Area | Drawing Number | Revision |
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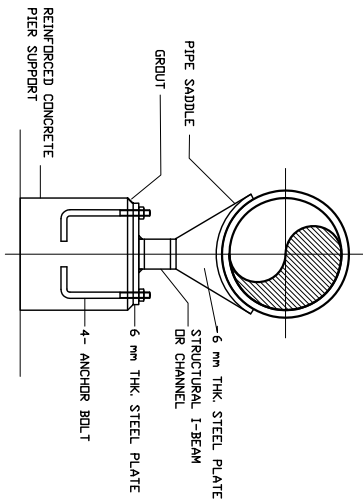
PRESSURE GAUGE & THERMOMETER CONNECTION DETAIL



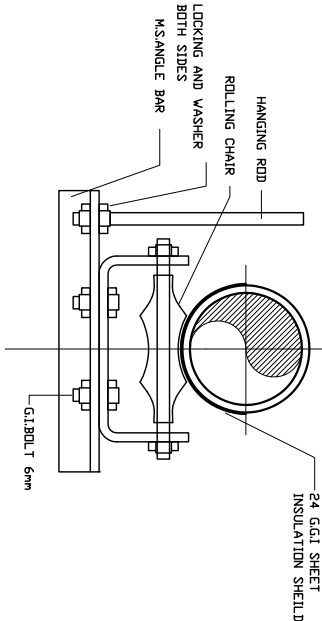
MULTIPLE PIPE SUPPORT



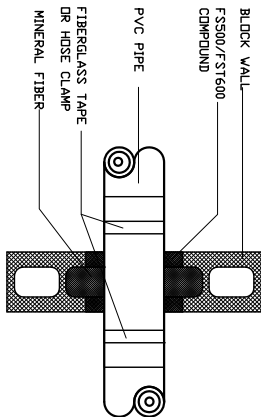
CROSSING IN ORDINARY WALLS
ALL TYPES OF PIPES



PIPE SADDLE SUPPORT



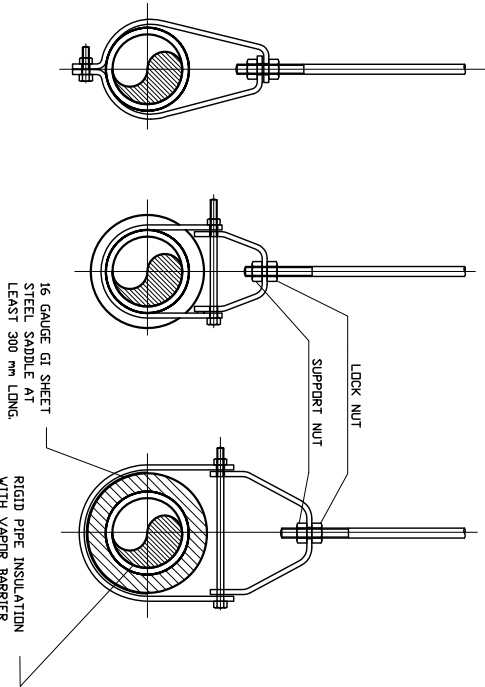
ROLLING CHAIR



FOR PVC PIPE CROSSING THRU BLOCK WALL

1
SCALE
FLOOR SUPPORTS
N.T.S.

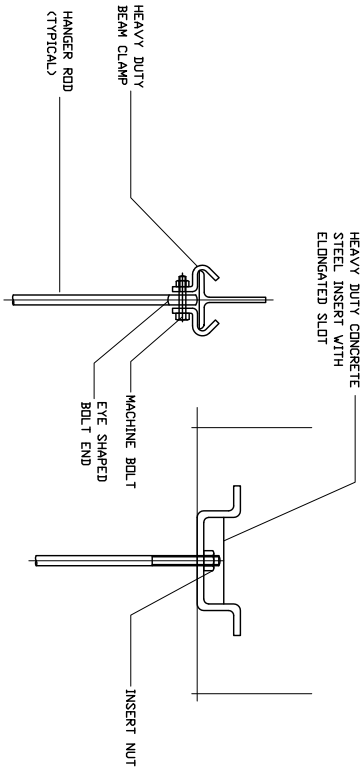
2
SCALE
PIPE THRU WALL DETAILS
N.T.S.



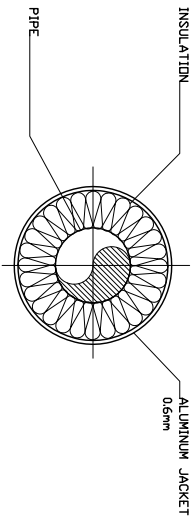
BOLTED BAND HANGER

CLEVIS HANGER

CLEVIS HANGER



METHODS OF ATTACHMENT TO CEILINGS
(USE APPROPRIATE TYPE)



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

3
SCALE
PIPE HANGERS
N.T.S.

Key Plan



| REV | BY | APP | DESCRIPTION | 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
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:

TAALABAYA SCHOOL

PLOT NO.:

-

BLOCK:

-

Sheet Information

| | |
|---------------|-------------------|
| PROJECT NBR. | - |
| PROJECT PHASE | TENDER |
| DISCIPLINE | CIVIL ENGINEERING |
| SECTOR | - |
| BUILDING | - |
| DESIGNED | - |
| DRAWN | PM |
| CHECKED | VB |
| APPROVED | VB |
| DATE | 05.04.2015 |
| SCALE | - |
| SHEET SIZE | A3 |

Sheet Title
CONSTRUCTION
DETAILS 1/7

Sheet nbr.

T - C - G - 007 - R00

| Phase | Discipline | Floor Area | Drawing Number | Revision |
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Key Plan




| REV | BY | APP | DESCRIPTION | DATE |
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PROJECT:
TAALABAYA SCHOOL

PLOT NO.: - BLOCK: -

| Sheet Information | | | |
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| PROJECT NBR. | - | TENDER | - |
| PROJECT PHASE | - | DISCIPLINE | CIVIL ENGINEERING |
| SECTOR | - | BUILDING | - |
| DESIGNED | - | DRAWN | PM |
| CHECKED | VB | APPROVED | VB |
| DATE | 05.04.2015 | SCALE | - |
| SHEET SIZE | A3 | | |

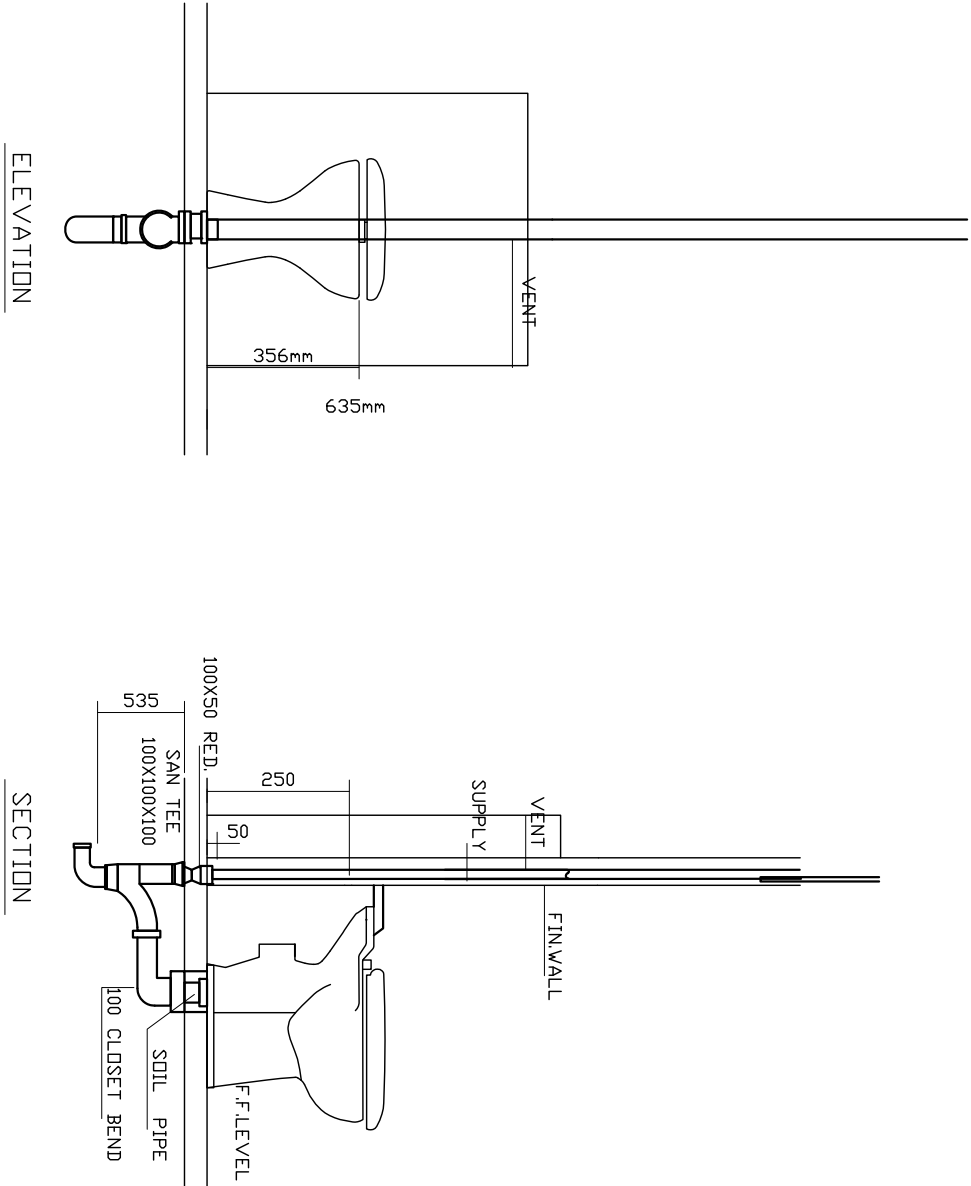
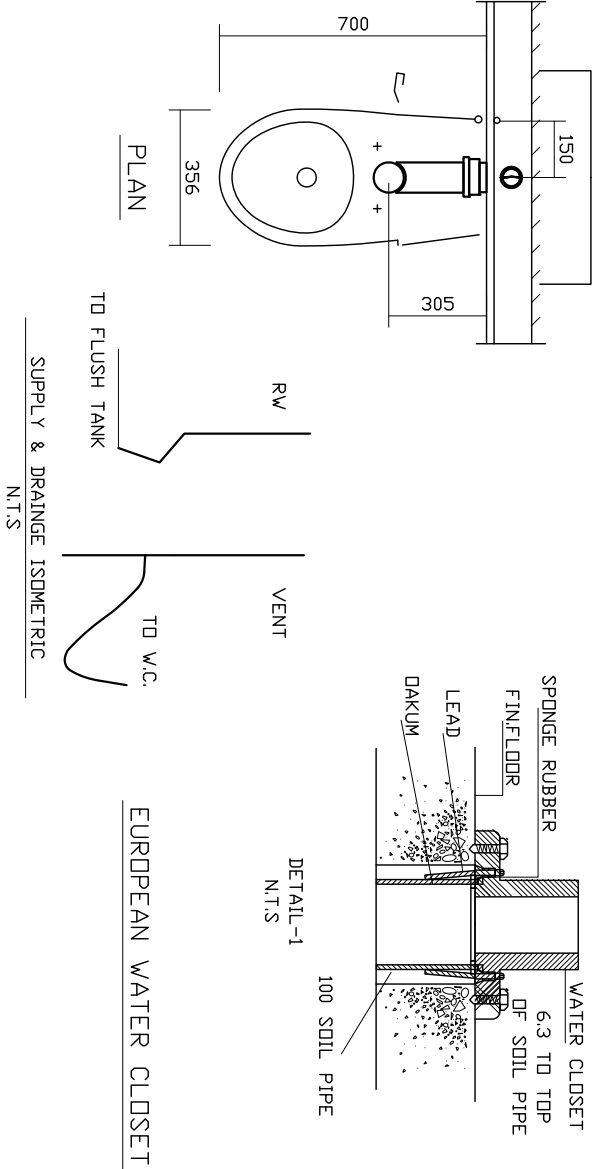
Sheet Title

CONSTRUCTION
DETAILS 2/7

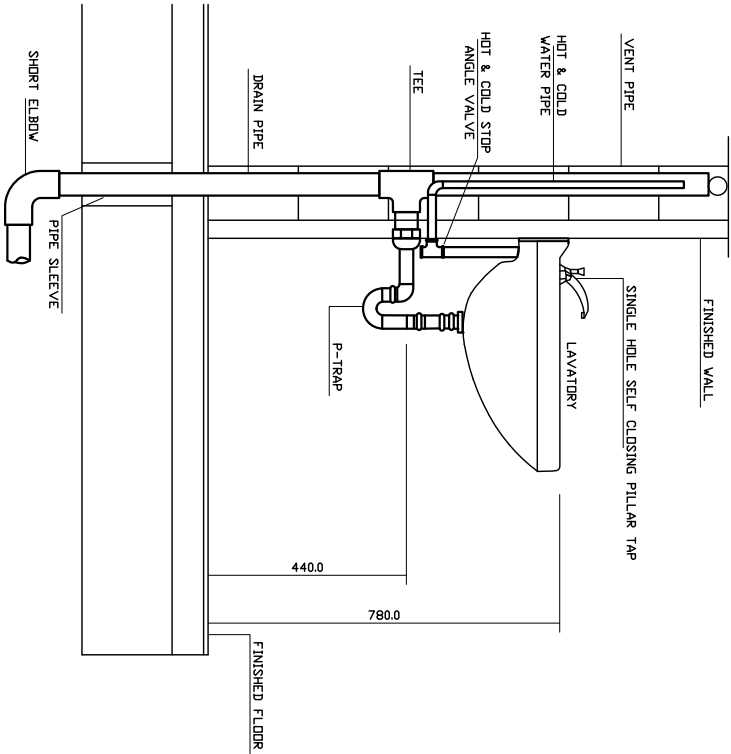
Sheet nbr.

T - C - G - 008 - R00

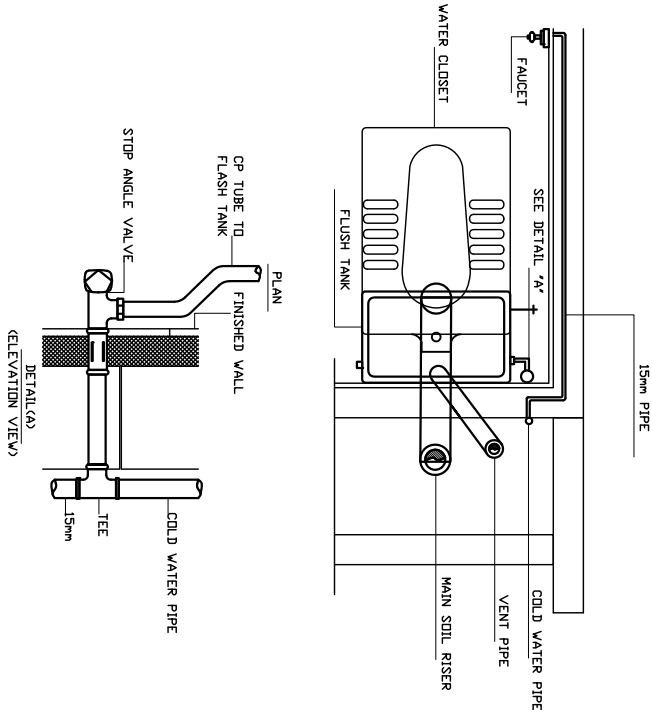
| Phase | Discipline | Floor Area | Drawing Number | Revision |
|-------|------------|------------|----------------|----------|
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5 SCALE EUROPEAN WATER CLOSET N.T.S.



6 SCALE LAVATORY DETAILS N.T.S.



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

Key Plan




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PROGRAMME: Lebanese Host Communities
Support Programme
Provision 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:

TAALABAYA SCHOOL

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Sheet Information

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| PROJECT NBR. | - |
| PROJECT PHASE | TENDER |
| DISCIPLINE | CIVIL ENGINEERING |
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| DESIGNED | - |
| DRAWN | PM |
| CHECKED | VB |
| APPROVED | VB |
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| SHEET SIZE | A3 |

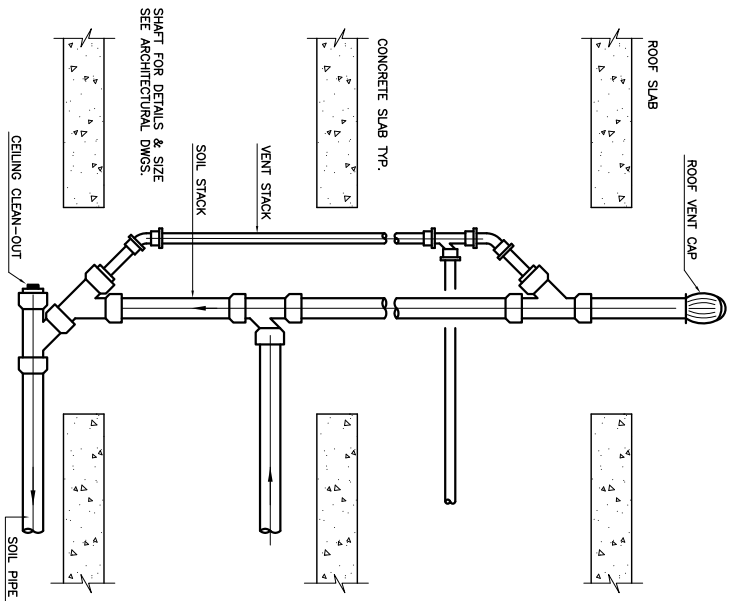
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CONSTRUCTION
DETAILS 3/7

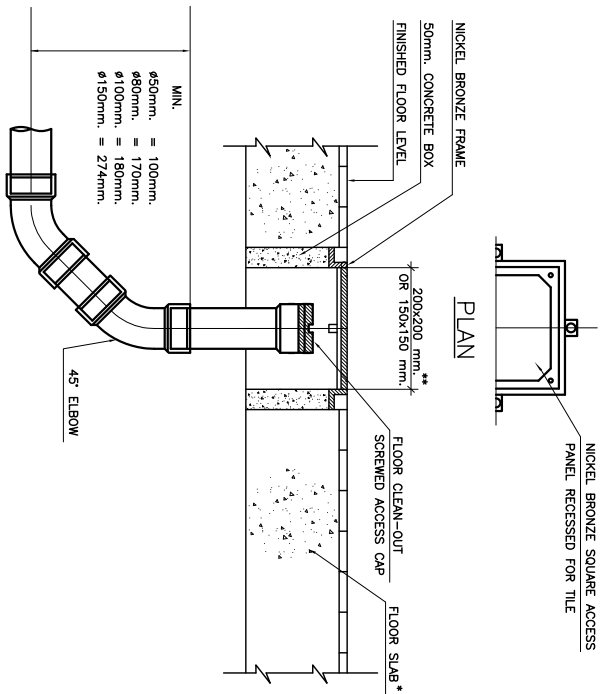
Sheet nbr.

T - C - G - 009 - R00

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| Phase | Discipline | Floor Area | Drawing Number | Revision |
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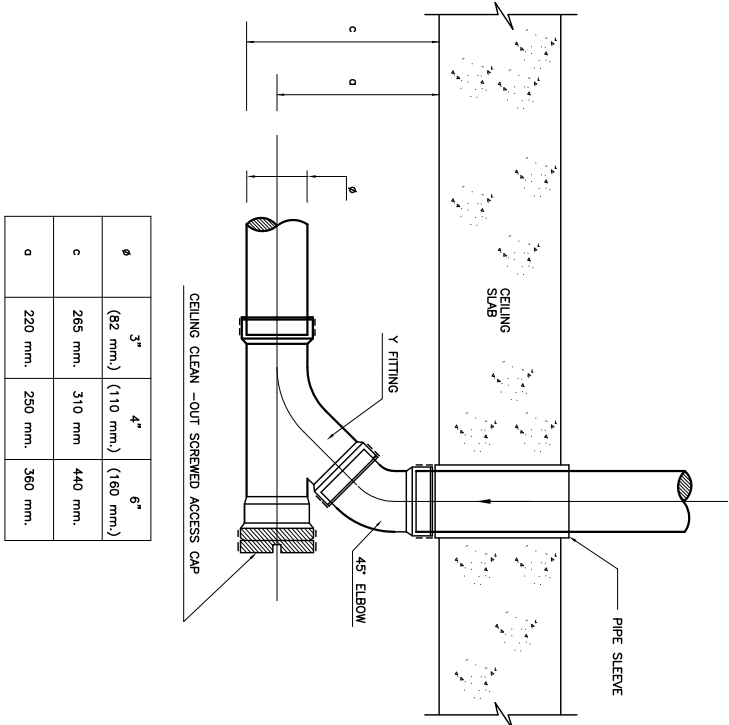


VENT & SOIL PIPE CONNECTION
AT LOW & HIGH LEVELS

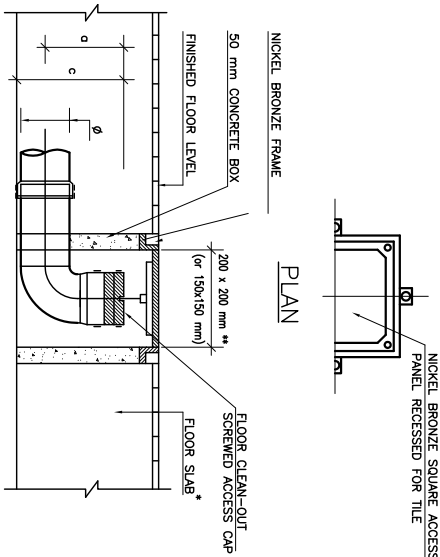


UPVC FLOOR CLEAN-OUT DETAIL

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



UPVC CEILING CLEAN-OUT DETAIL



| Ø | 2" | 3" | 4" |
|---|----------|----------|-----------|
| | (50 mm.) | (82 mm.) | (110 mm.) |
| c | 134 mm. | 162 mm. | 192 mm. |
| d | 109 mm. | 121 mm. | 137 mm. |

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



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

PROJECT:
TAALABAYA SCHOOL

PLOT NO.: - BLOCK: -

Sheet Information

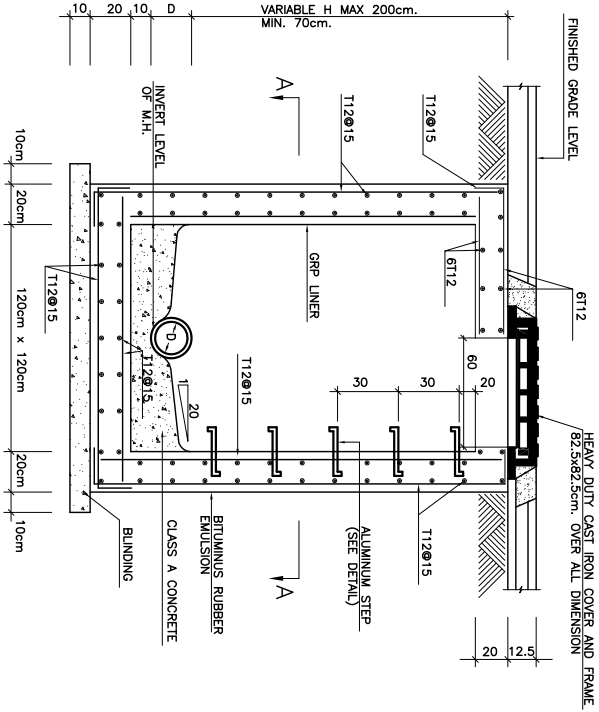
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| PROJECT PHASE | TENDER |
| DISCIPLINE | CIVIL ENGINEERING |
| SECTOR | - |
| BUILDING | - |
| DESIGNED | - |
| DRAWN | PM |
| CHECKED | VB |
| APPROVED | VB |
| DATE | 05.04.2015 |
| SCALE | - |
| SHEET SIZE | A3 |

Sheet Title
CONSTRUCTION
DETAILS 4/7

Sheet nbr.

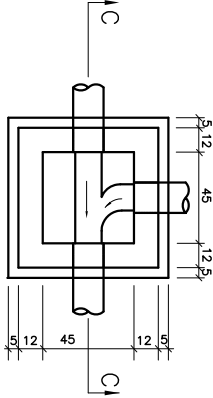
T - C - G - 010 - R00

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| Phase | Discipline | Floor Area | Drawing Number | Revision |
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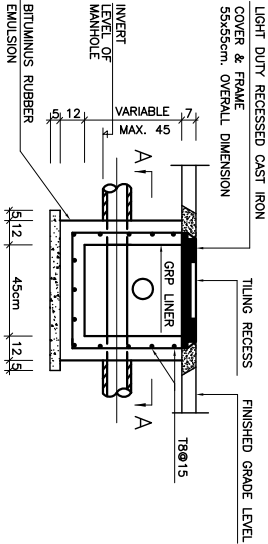
MANHOLE TYPE I

SCALE : 1/20



SECTION A-A

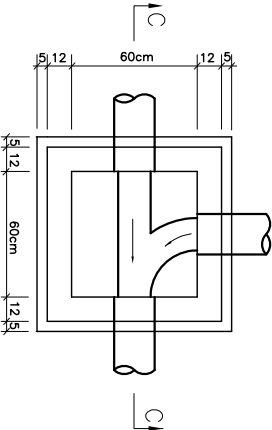
SCALE : 1/20



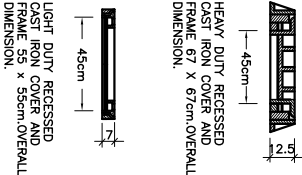
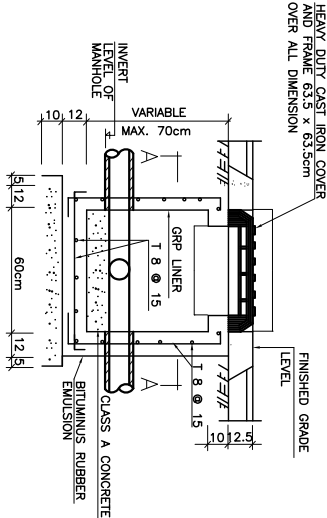
SECTION C-C
INSPECTION CHAMBER
TYPE II

SCALE : 1/20

SECTION A-A



SECTION C-C
INSPECTION CHAMBER
TYPE I




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

PROJECT:
TAALABAYA SCHOOL

PLOT NO.: -

BLOCK: -

Sheet Information

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| PROJECT NBR. | - |
| PROJECT PHASE | TENDER |
| DISCIPLINE | CIVIL ENGINEERING |
| SECTOR | - |
| BUILDING | - |
| DESIGNED | - |
| DRAWN | PM |
| CHECKED | VB |
| APPROVED | VB |
| DATE | 05.04.2015 |
| SCALE | - |
| SHEET SIZE | A3 |

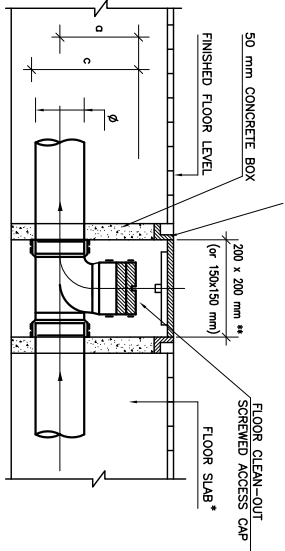
Sheet Title

CONSTRUCTION
DETAILS 5/7

Sheet nbr.

T - C - G - 011 - R00

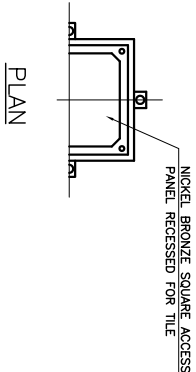
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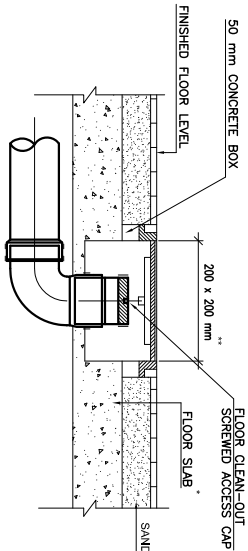
| ø | 3" | 4" | 6" |
|---|----------|-----------|-----------|
| | (82 mm.) | (110 mm.) | (160 mm.) |
| c | 205 mm. | 230 mm. | 250 mm. |
| ø | 160 mm. | 180 mm. | 170 mm. |

UPVC FLOOR CLEAN-OUT DETAIL

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

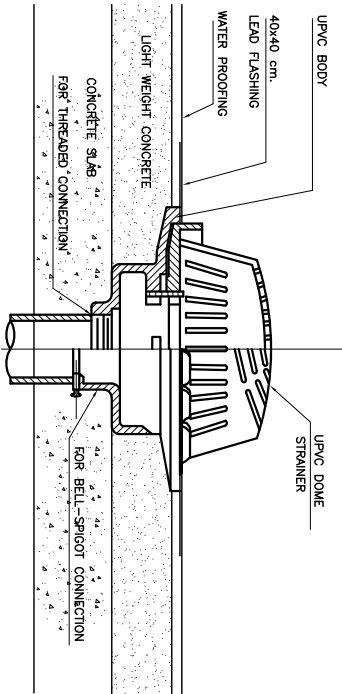


PLAN

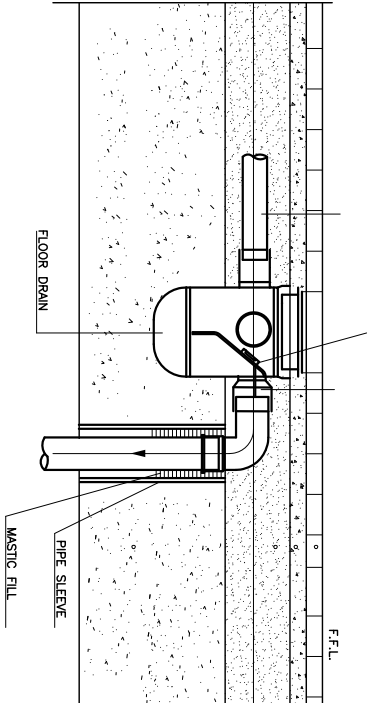


UPVC FLOOR CLEAN-OUT DETAIL
(90° INCLINED)

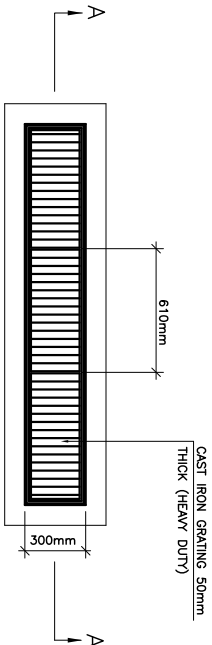
* SLAB CONSTRUCTION COULD BE ADDED FOR EACH APPLICATION INDIVIDUALLY
** THIS DIMENSION SHOULD SUIT FLOOR TILING DIMENSIONS.



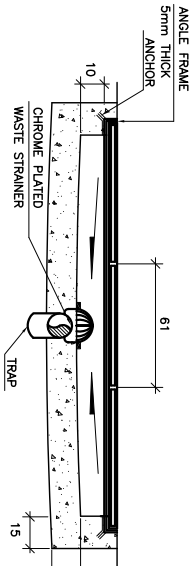
ROOF DRAIN BOTTOM OUTLET
DETAIL



UPVC FLOOR DRAIN WITH CLEAN OUT



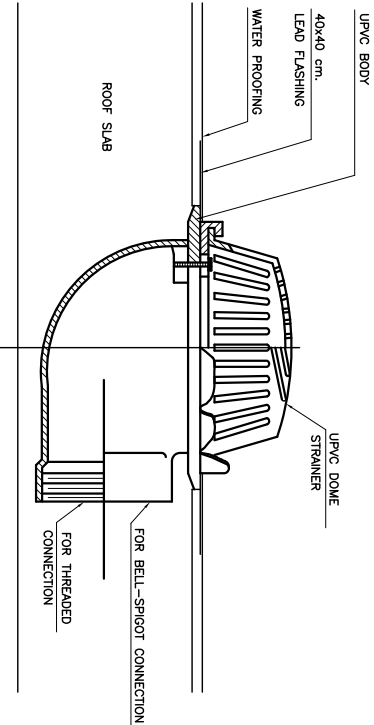
GUTTER DRAIN PLAN



SECTION A-A

GRATING DETAIL

SCALE : 1/25



ROOF DRAIN SIDE OUTLET
DETAIL




Key Plan




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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:
TAALABAYA SCHOOL

PLOT NO.: - BLOCK: -

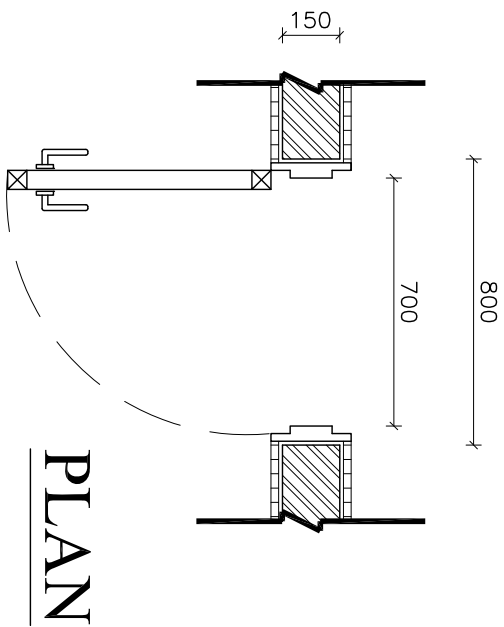
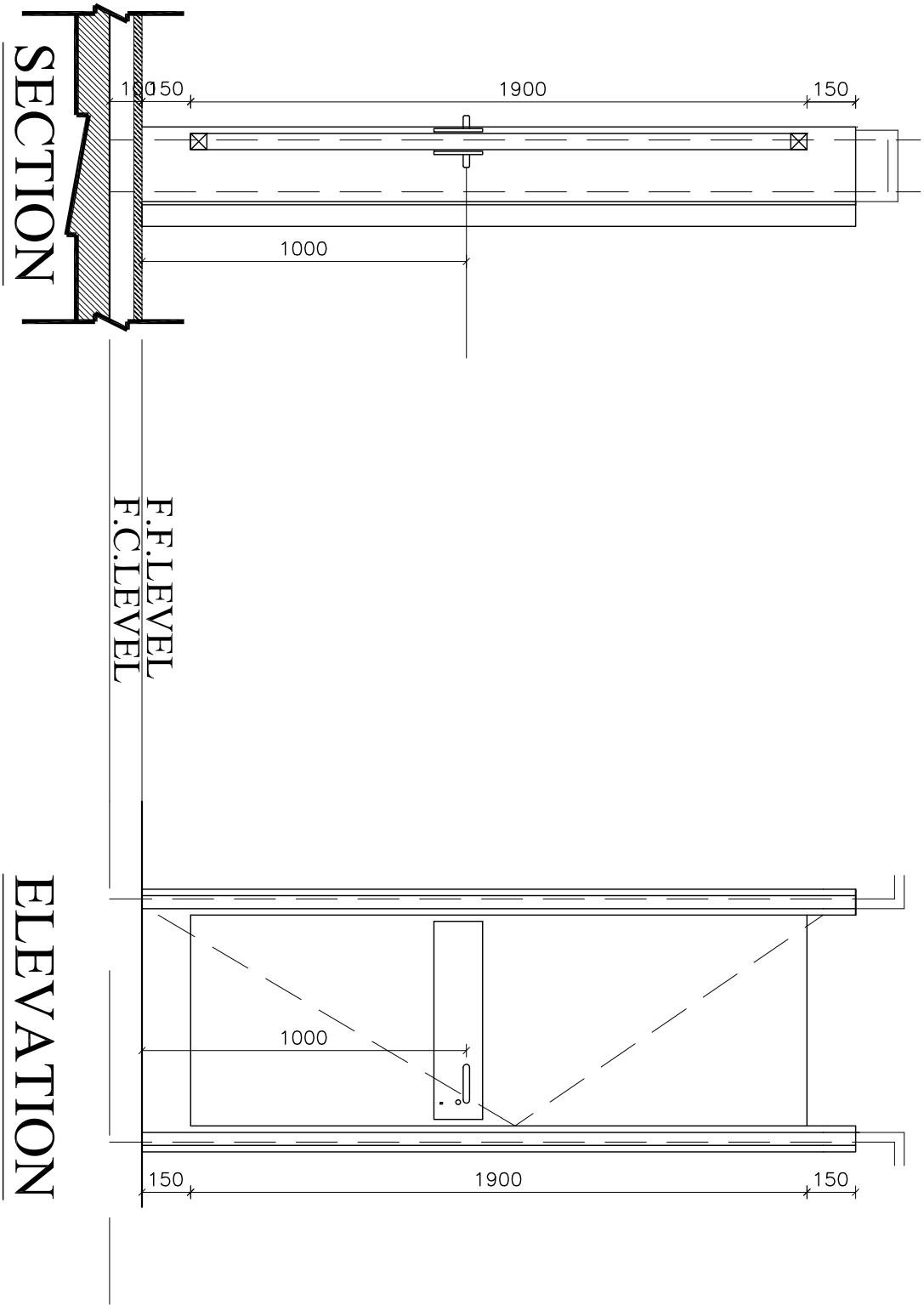
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| CHECKED | VB | APPROVED | VB |
| DATE | 05.04.2015 | SCALE | - |
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Sheet Title
CONSTRUCTION
DETAILS 6/7

Sheet nbr.

T - C - G - 012 - R00

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| Phase | Discipline | Floor Area | Drawing Number | Revision |
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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:

BOYADJIAN & ASSOCIATES

PROJECT FINANCE AND MANAGEMENT CONSULTANTS

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

PROJECT:

TAALABAYA SCHOOL

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| PROJECT PHASE | - | CIVIL ENGINEERING | - |
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| SECTOR | - | | |
| BUILDING | - | | |
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| DRAWN | PM | | |
| CHECKED | VB | | |
| APPROVED | VB | | |
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Sheet Title

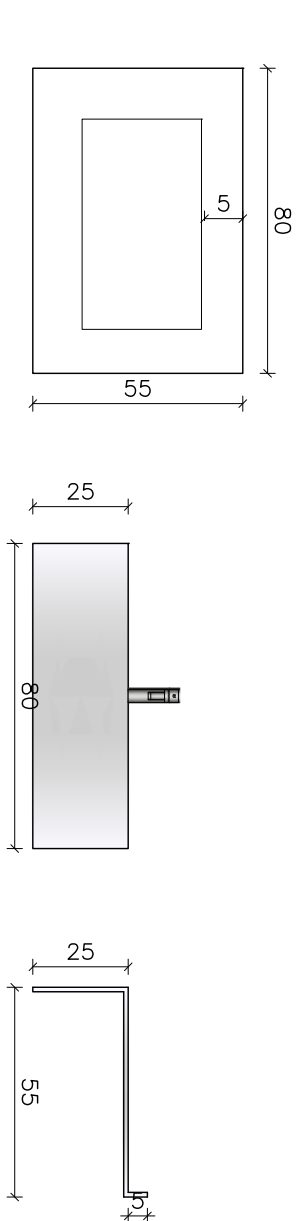
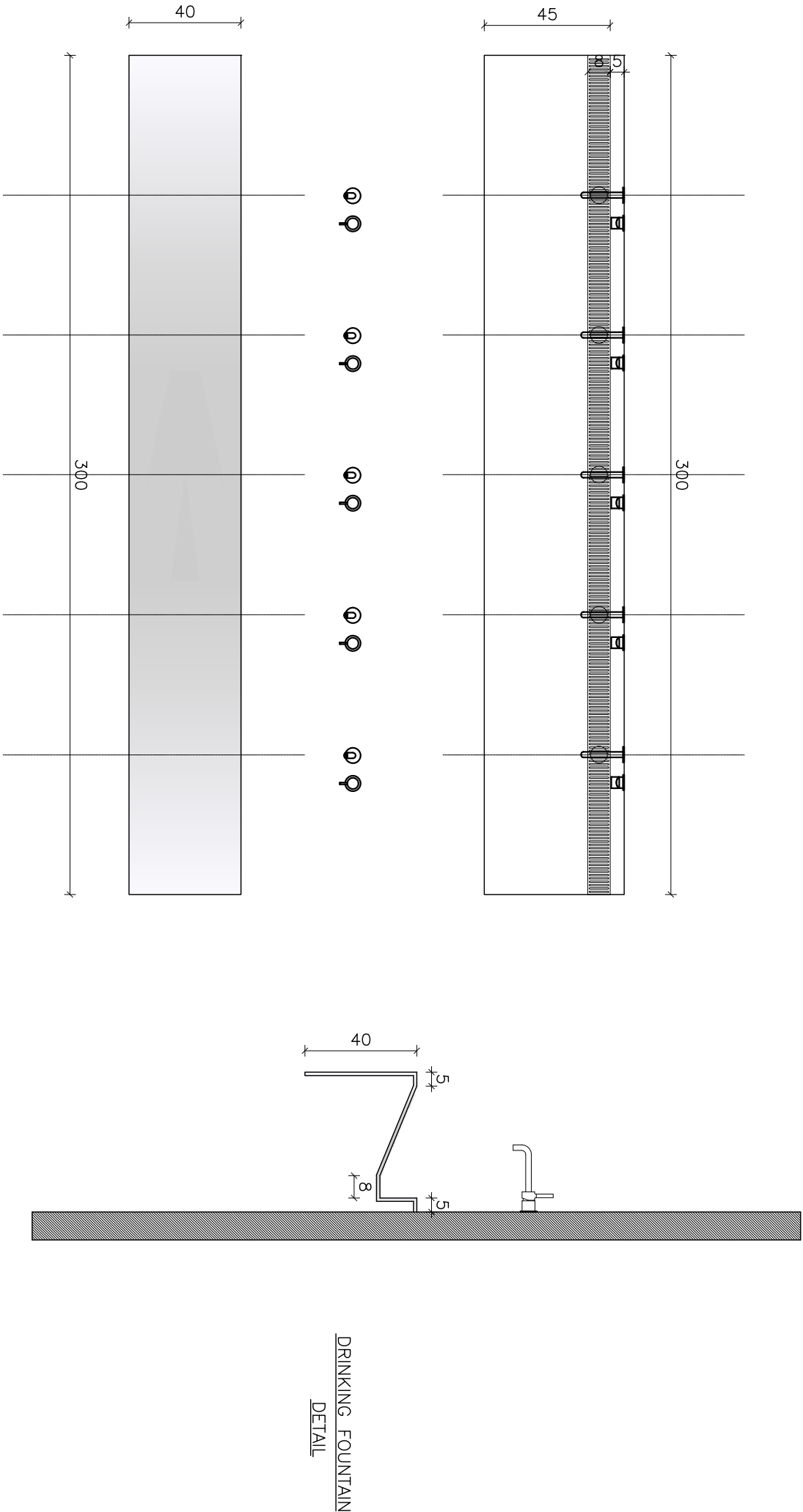
CONSTRUCTION

DETAILS 7/7

Sheet nbr.

T - C - G - 013 - R00

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| Phase | Discipline | Floor Area | Drawing Number | Revision |
|-------|------------|------------|----------------|----------|



MEDICAL ROOM SINK
DETAIL