

1
P07

**ISOMETRIC DIAGRAM
FEMALE TOILET SEWER LAYOUT**

SCALE: N.T.S.

PLUMBING LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. ALL SYMBOLS MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

LEGEND	DESCRIPTION	SYMBOL
WC	Water Closet	
SHD	Shower	
FL	Flush Tank	
LR	Litrel	
EWH	Elec. Water Heater	
WASHER	Washing Machine	
DRYER	Clothes Dryer	
WHB	Wash Hand Basin	
LAV	Laundry	
ABL	Abolition	
FD	Floor Drain	
COYS	Clean Out Vent Box	
FCO	Floor Clean Out	
GV	Gate Valve	
CV	Check Valve	
RV	Pressure Valve	
WHA	Water Hammer Arrestor	
OW	Out Water	
HW	Hot Water	
VP	Vent Pipe	
SP	Sewer Pipe	
VTR	Vent Through Roof	
WP	Water Picket	
HL	High Level Vent	
LL	Low Level Vent	
BFP	Back Flow Preventor	
RV	Pressure Relief Valve	

REVISIONS

No.	Date	By	Reason
1	11/01/2011	JO DEL ROSARIO	ISSUED FOR CONSTRUCTION
2	11/01/2011	JO DEL ROSARIO	ISSUED FOR CONSTRUCTION
3	11/01/2011	JO DEL ROSARIO	ISSUED FOR CONSTRUCTION
4	11/01/2011	JO DEL ROSARIO	ISSUED FOR CONSTRUCTION
5	11/01/2011	JO DEL ROSARIO	ISSUED FOR CONSTRUCTION



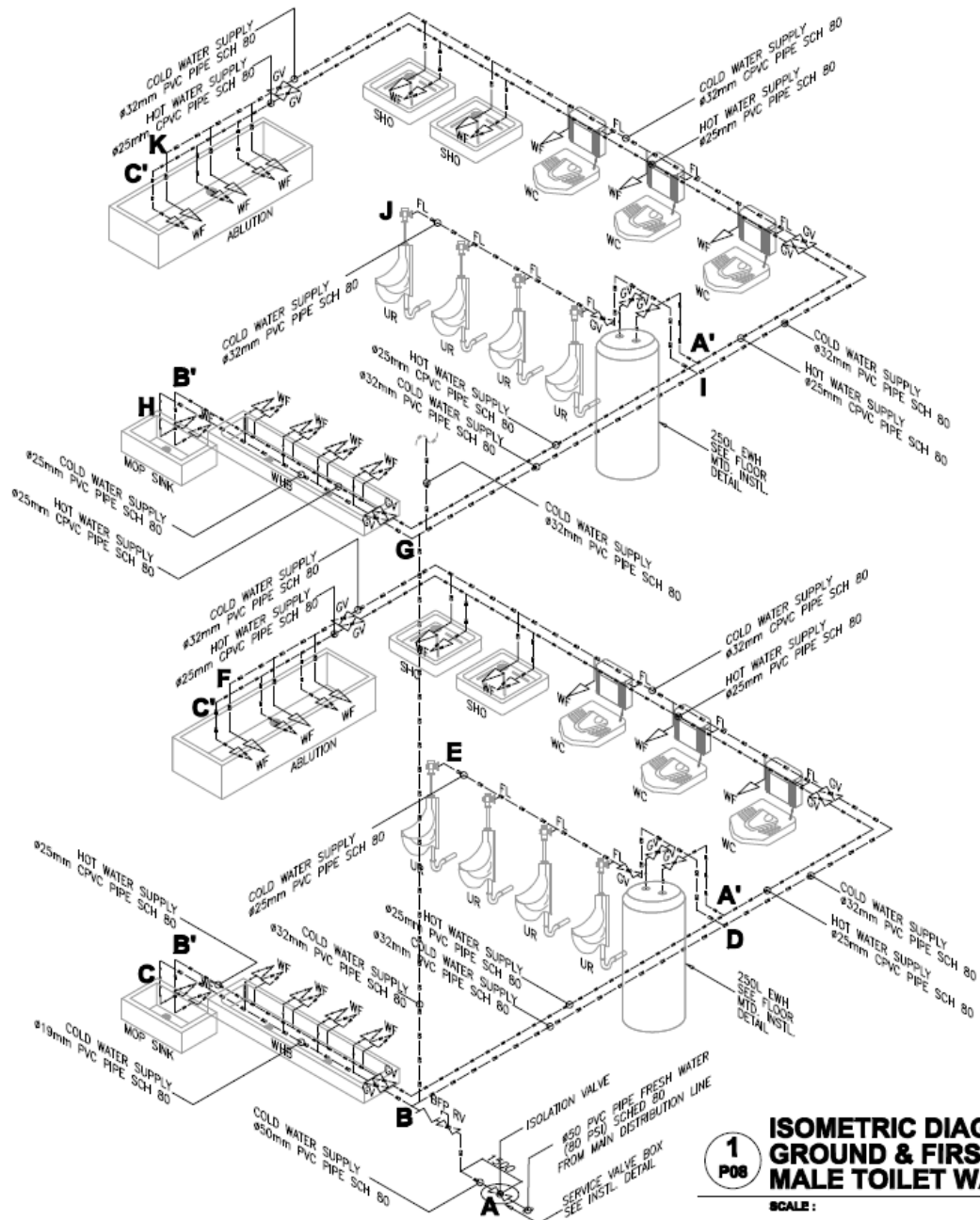
RENOVATION OF THE
MINISTRY OF INTERIOR
KABUL CITY FIRE STATIONS
KABUL, AFGHANISTAN

PROJECT TITLE:

M O I - FIRE DEPARTMENT HQ
HQ ADMIN. BLDG.
ISOMETRIC DIAGRAM #1
WATER SUPPLY LAYOUT

PROJECT TITLE:

CONTRACT NO:	FA003-06-0000
JOB NO:	MINOR 20.000
CHECKED BY:	JO DEL ROSARIO
DRAWN BY:	NO DONOR
DATE:	01 NOVEMBER 2011
FILE NAME:	PLUMBING
SHEET NUMBER:	P-07
	7/22



PLUMBING LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. ALL SYMBOLS MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

LEGEND	DESCRIPTION	SYMBOL
WC	Water Closet	
SHO	Shower	
FL	Flush Tank	
UR	Urinal	
EWH	Elec. Water Heater	
WASHER	Washing Machine	
DRYER	Clothes Dryer	
WB	Wash Hand Basin	
LAV	Lavatory	
ABL	Ablution	
FD	Floor Drain	
COVB	Clean Out Vent Box	
FOO	Floor Clean Out	
GV	Gate Valve	
CV	Check Valve	
RV	Relief Valve	
YWA	Water Hammer Arrestor	
CW	Cold Water	
HW	Hot Water	
VP	Vent Pipe	
SP	Sloped Pipe	
VTR	Vent Through Roof	
WP	Water Picket	
HL	High Level Vent	
LL	Low Level Vent	
BFP	Back Flow Preventer	
RV	Pressure Relief Valve	



REVISIONS

No.	Date	Revised
1	12/01/2011	ISSUE FOR CONSTRUCTION
2	12/01/2011	ISSUE FOR CONSTRUCTION
3	12/01/2011	ISSUE FOR CONSTRUCTION
4	12/01/2011	ISSUE FOR CONSTRUCTION
5	12/01/2011	ISSUE FOR CONSTRUCTION



**RENOVATION OF THE
MINISTRY OF INTERIOR
KABUL CITY FIRE STATIONS
KABUL, AFGHANISTAN**

**M 01 - FIRE DEPARTMENT HQ
HQ ADMIN. BLDG.
ISOMETRIC DIAGRAM #2
WATER SUPPLY LAYOUT**

1
P08
**ISOMETRIC DIAGRAM
GROUND & FIRST FLOOR
MALE TOILET WATER SUPPLY LAYOUT**
SCALE :

CONTRACT NO:
PAB03-06-0000

JOB NO:
00000-00-000

CHECKED BY:
JOE DEL ROSARIO

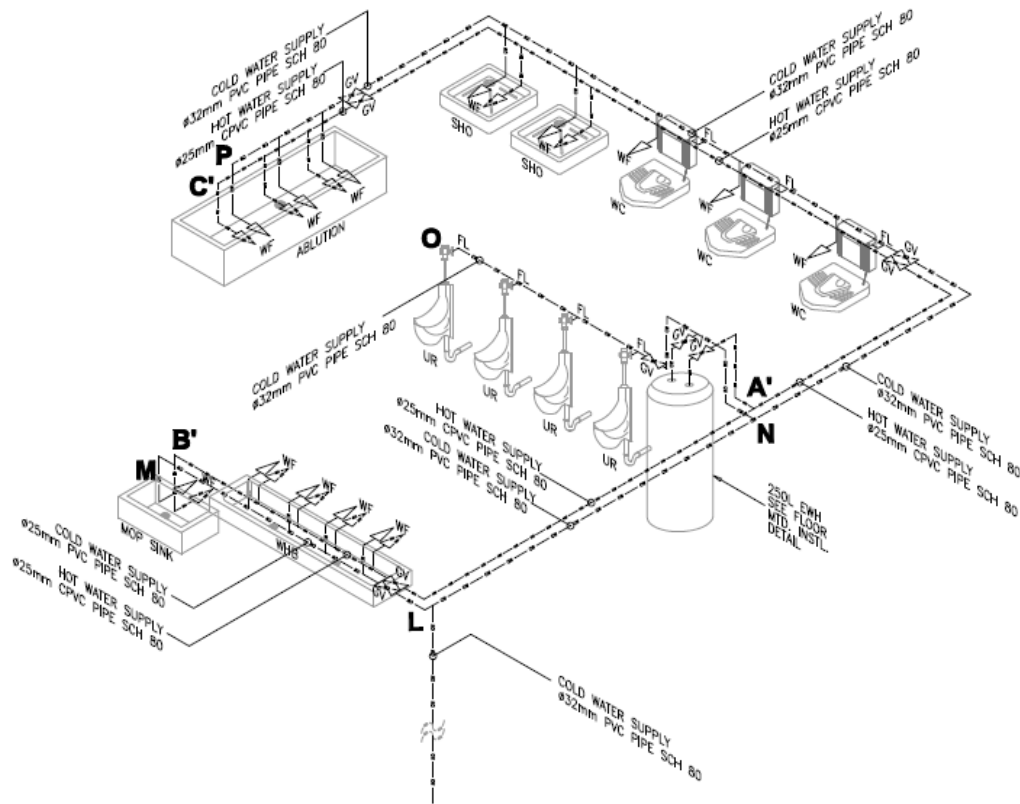
DRAWN BY:
RO DONOR

DATE:
01 NOVEMBER 2011

FILE NAME:
PLUMBING

SHEET NUMBER:
P-08

8 / 22



**ISOMETRIC DIAGRAM SECOND FLOOR
MALE TOILET SEWER LAYOUT**

1
P09

SCALE :

N.T.S.

PLUMBING LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. ALL SYMBOLS MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN FOR REFERENCE AND MAY NOT BE TO SCALE.		
LEGEND	DESCRIPTION	SYMBOL
WC	Water Closet	
SHO	Shower	
FL	Flush Tank	
UR	Urinal	
EWH	Elec. Water Heater	
WASHER	Washing Machine	
DRYER	Clothes Dryer	
WB	Wash Hand Basin	
LAV	Lavatory	
ABL	Ablution	
FD	Floor Drain	
COVB	Clean Out Vent Box	
FOO	Floor Clean Out	
GV	Gate Valve	
CV	Check Valve	
RV	Return Valve	
WHA	Water Hammer Arrestor	
OW	Cold Water	
HW	Hot Water	
VP	Vent Pipe	
SP	Sewer Pipe	
VTR	Vent Thru Roof	
WF	Water Faucet	
HL	High Level Vent	
LL	Low Level Vent	
BFP	Back Flow Preventer	
RV	Pressure Relief Valve	



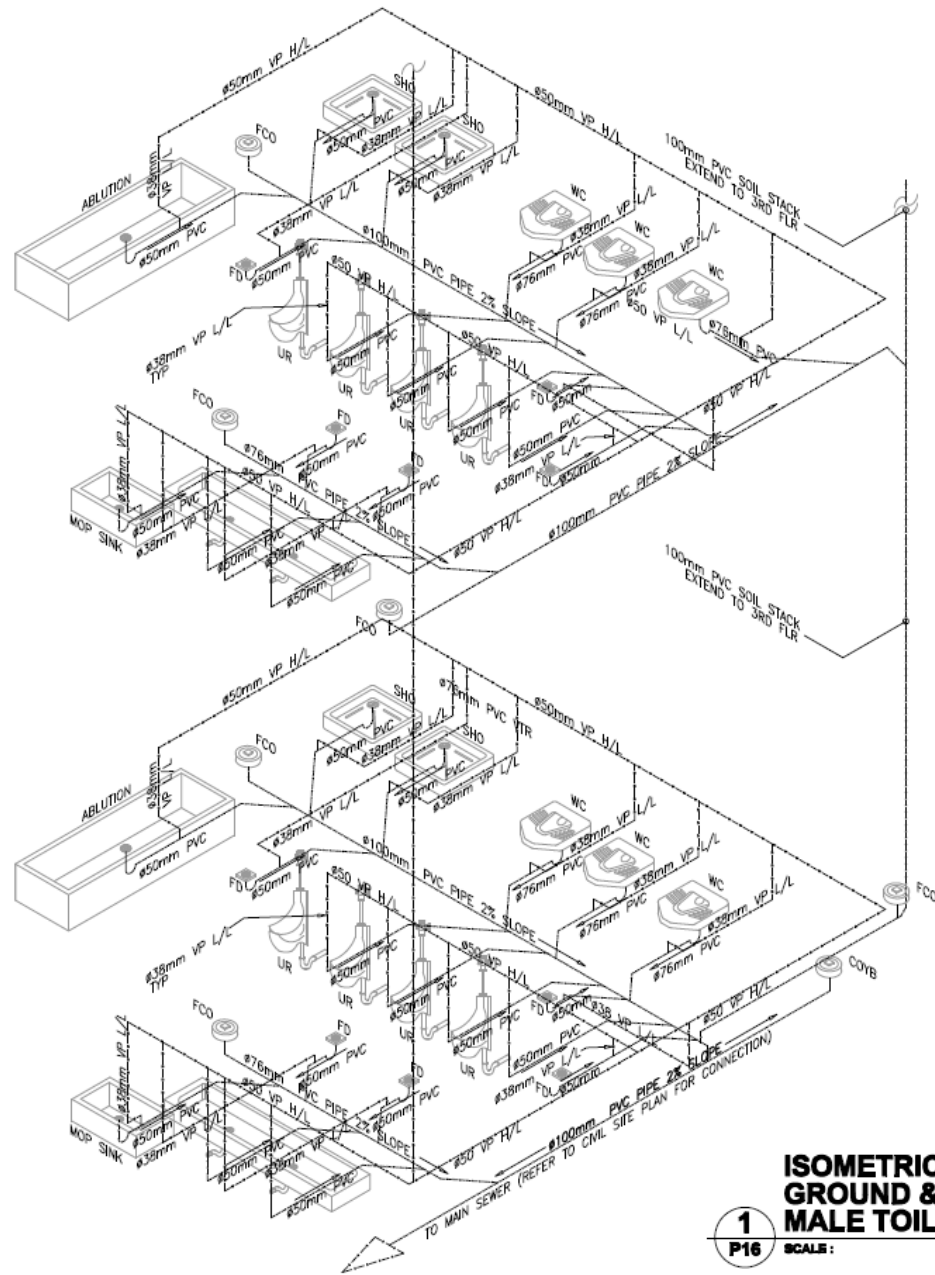
NO.	DATE	REVISION
1	10/11/2011	ISSUE FOR PERMIT
2	10/11/2011	ISSUE FOR PERMIT
3	10/11/2011	ISSUE FOR PERMIT
4	10/11/2011	ISSUE FOR PERMIT
5	10/11/2011	ISSUE FOR PERMIT



PROJECT NAME:
**RENOVATION OF THE
MINISTRY OF INTERIOR
KABUL CITY FIRE STATIONS
KABUL, AFGHANISTAN**

PROJECT TITLE:
**M O I - FIRE DEPARTMENT HQ
HQ ADMIN. BLDG.
ISOMETRIC DIAGRAM #3
WATER SUPPLY LAYOUT**

CONTRACT NO:
FAH03-09-C0000
JOB NO:
0000.30.000
CHECKED BY:
J O D E R . R O B A R T O
DRAWN BY:
R Q D E M C O R
DATE:
01 NOVEMBER 2011
FILE NAME:
PLUMBING
SHEET NUMBER:
P-09
8 / 22



PLUMBING LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. ALL SYMBOLS MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
LEGEND	DESCRIPTION	SYMBOL
WC	Water Closet	
SHD	Shower	
PL	Flush Tank	
UR	Urinal	
EMH	Elec. Water Heater	
WASHER	Washing Machine	
DRYER	Clothes Dryer	
WNB	Wash Hand Basin	
LAV	Lavatory	
ABL	Ablution	
FD	Floor Drain	
COVB	Clean Out Vent Box	
FCO	Floor Clean Out	
CV	Gate Valve	
CV	Check Valve	
RV	Relief Valve	
WHA	Water Hammer Arrestor	
CW	Cold Water	
HW	Hot Water	
VP	Vent Pipe	
SP	Shower Pipe	
VTR	Vent Thru Roof	
WP	Water Pressure	
HL	High Level Vent	
LL	Low Level Vent	
BFP	Back Flow Preventer	
RV	Pressure Relief Valve	

1
P16 SCALE: N.T.S.
ISOMETRIC DIAGRAM
GROUND & FIRST FLOOR
MALE TOILET SEWER LAYOUT

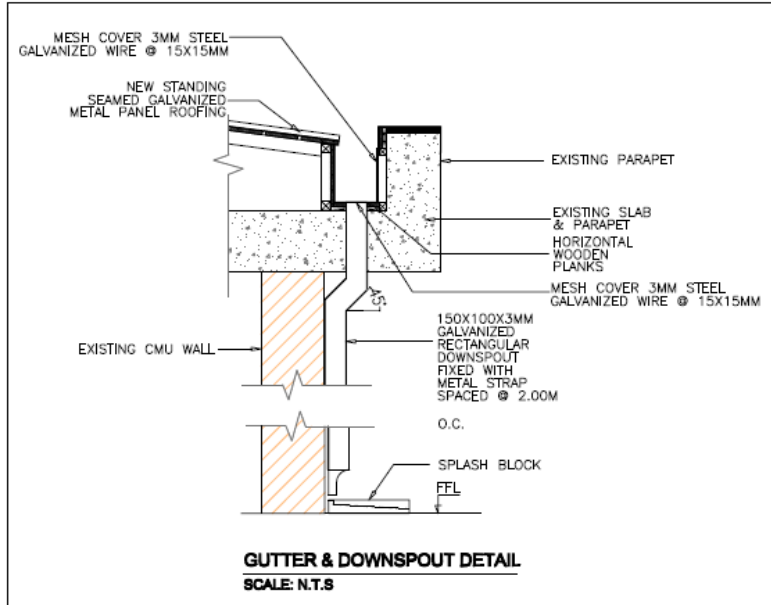
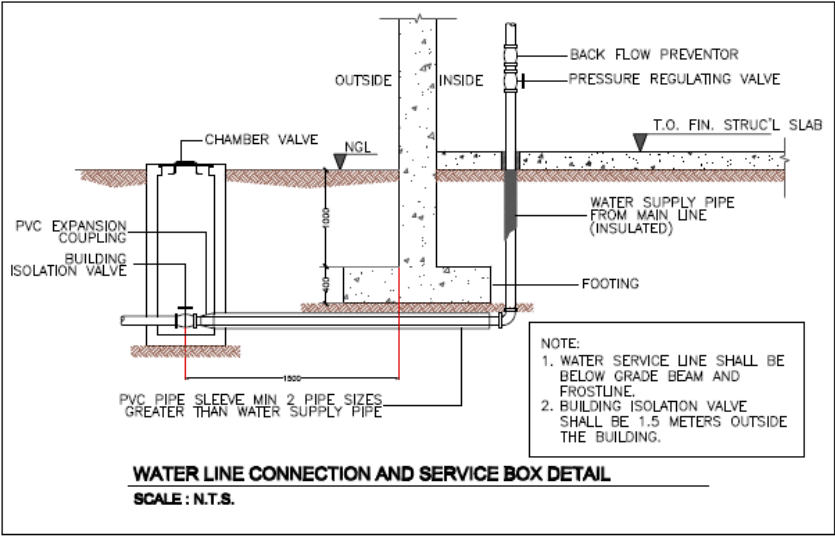
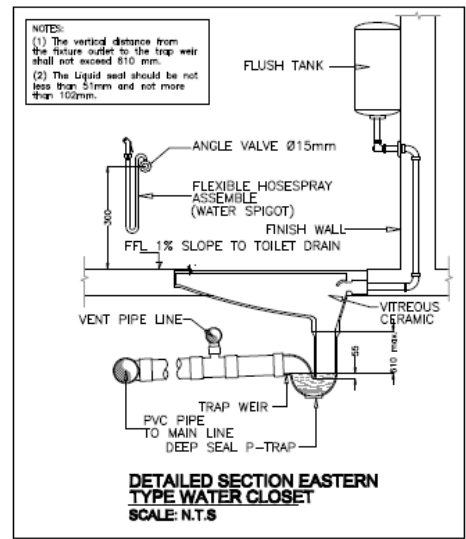
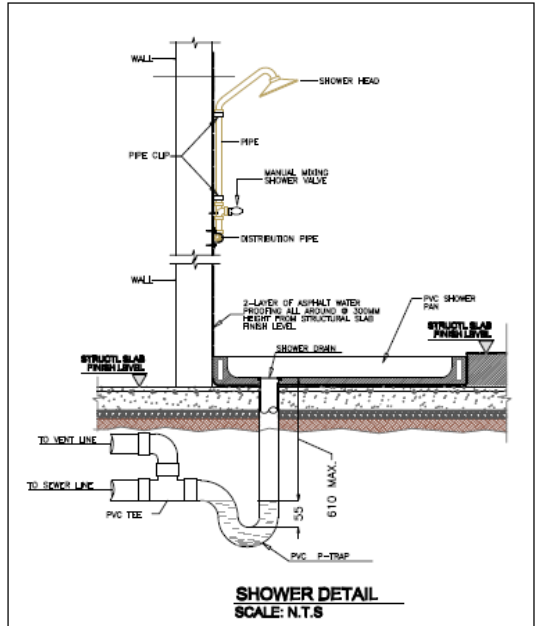
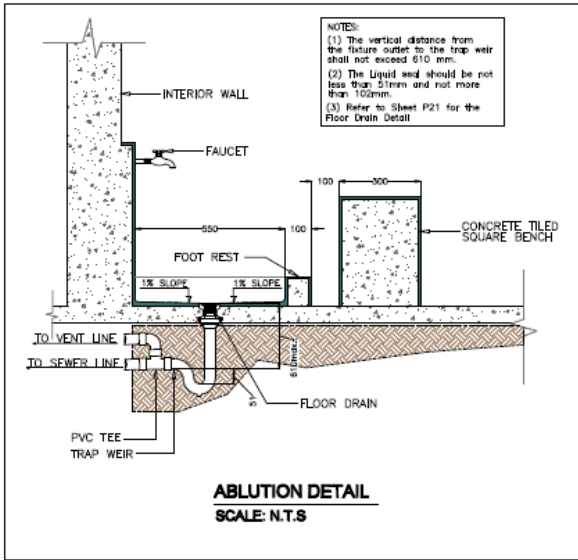
REVISIONS		
No.	Date	Remarks
1	05/01/2010	ISSUE FOR CONSTRUCTION
2	05/01/2010	ISSUE FOR CONSTRUCTION
3	05/01/2010	ISSUE FOR CONSTRUCTION
4	05/01/2010	ISSUE FOR CONSTRUCTION
5	05/01/2010	ISSUE FOR CONSTRUCTION



RENOVATION OF THE
MINISTRY OF INTERIOR
KABUL CITY FIRE STATIONS
KABUL, AFGHANISTAN

PROJECT TITLE:
M 01 - FIRE DEPARTMENT HQ
HQ ADMIN. BLDG.
ISOMETRIC DIAGRAM #2
SEWER LAYOUT

CONTRACT NO:	FAB03-09-0009
JOB NO:	0000-20-000
CHECKED BY:	JO DEL ROSARIO
DRAWN BY:	RIS DONOR
DATE:	05/01/2010
FILE NAME:	PLUMBING
SHEET NUMBER:	P-16
	16 / 22



REVISIONS

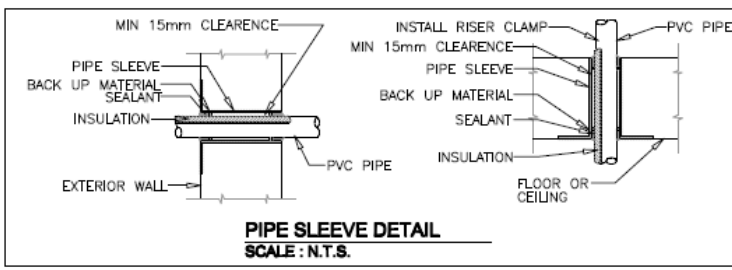
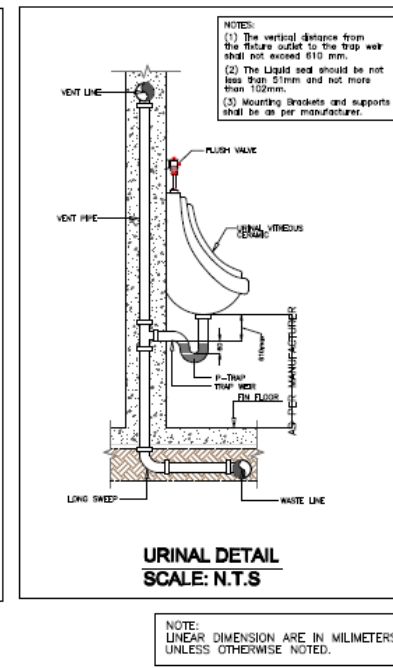
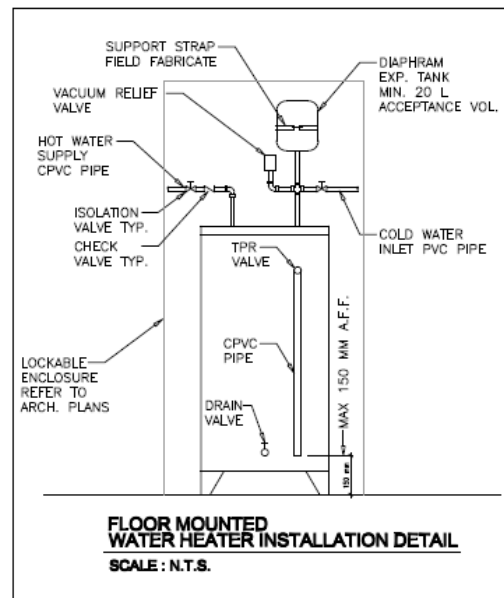
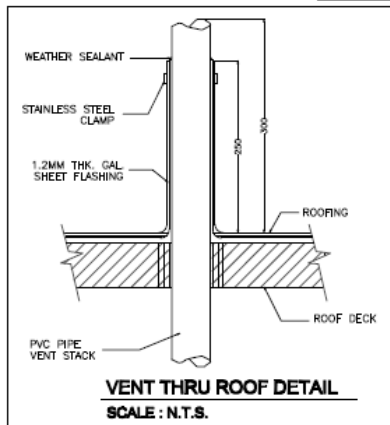
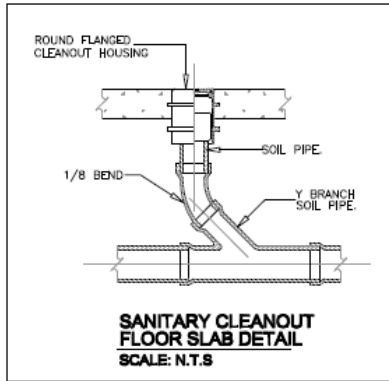
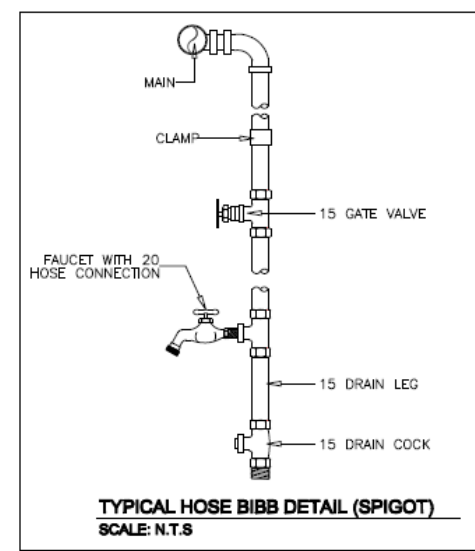
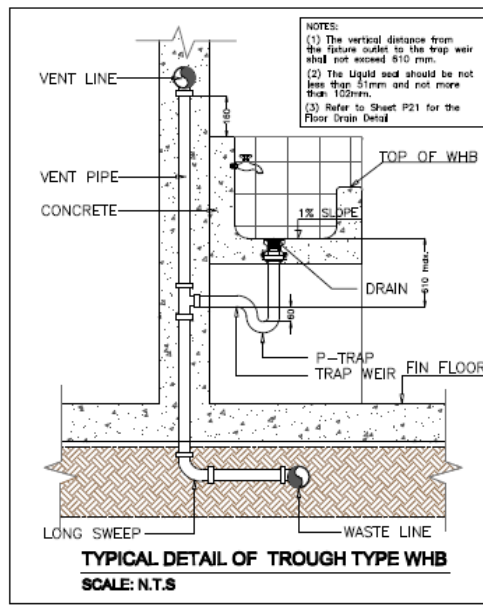
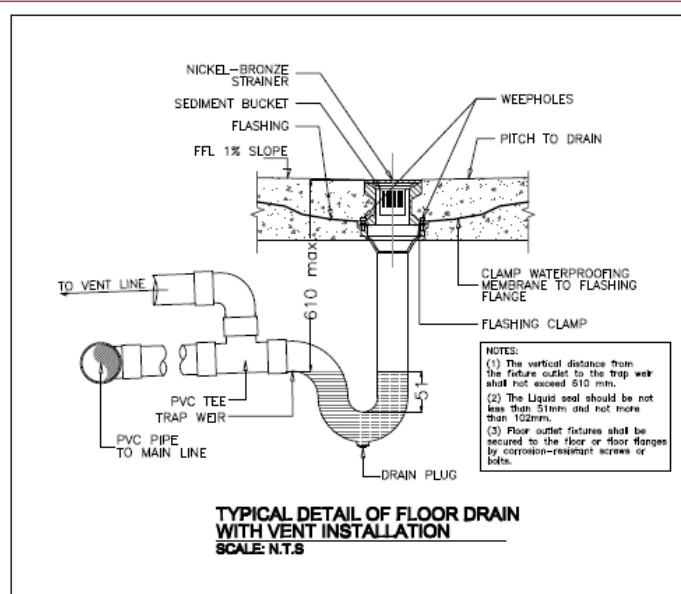
No.	Date	Revised
1		
2		
3		
4		
5		



**RENOVATION OF THE
 MINISTRY OF INTERIOR
 KABUL CITY FIRE STATIONS
 KABUL, AFGHANISTAN**

**M O I - FIRE DEPARTMENT HQ
 HQ ADMIN. BLDG.
 MISCELLANEOUS DETAILS #1**

CONTRACT NO:
 FAF003-08-0000
JOB NO:
 00000-20-000
CHECKED BY:
 JO DEL ROSARIO
DRAWN BY:
 RO DONOR
DATE:
 01 NOVEMBER 2011
FILE NAME:
 PLUMBING
SHEET NUMBER:
 P-20
 20 / 22



REVISIONS

NO.	DATE	REVISION
1		
2		
3		
4		
5		



RENOVATION OF THE
MINISTRY OF INTERIOR
KABUL CITY FIRE STATIONS
KABUL, AFGHANISTAN

PROJECT TITLE:
**M O I - FIRE DEPARTMENT HQ
HQ ADMIN. BLDG.
MISCELLANEOUS DETAILS #2**

CONTRACT NO:
FABR03-08-0000
JOB NO:
0000.20.000
CHECKED BY:
JO DILL ROSSARO
DRAWN BY:
REZ DOKOR
DATE:
01 NOVEMBER 2011
FILE NAME:
PLUMBING
SHEET NUMBER:
P-21
21/32

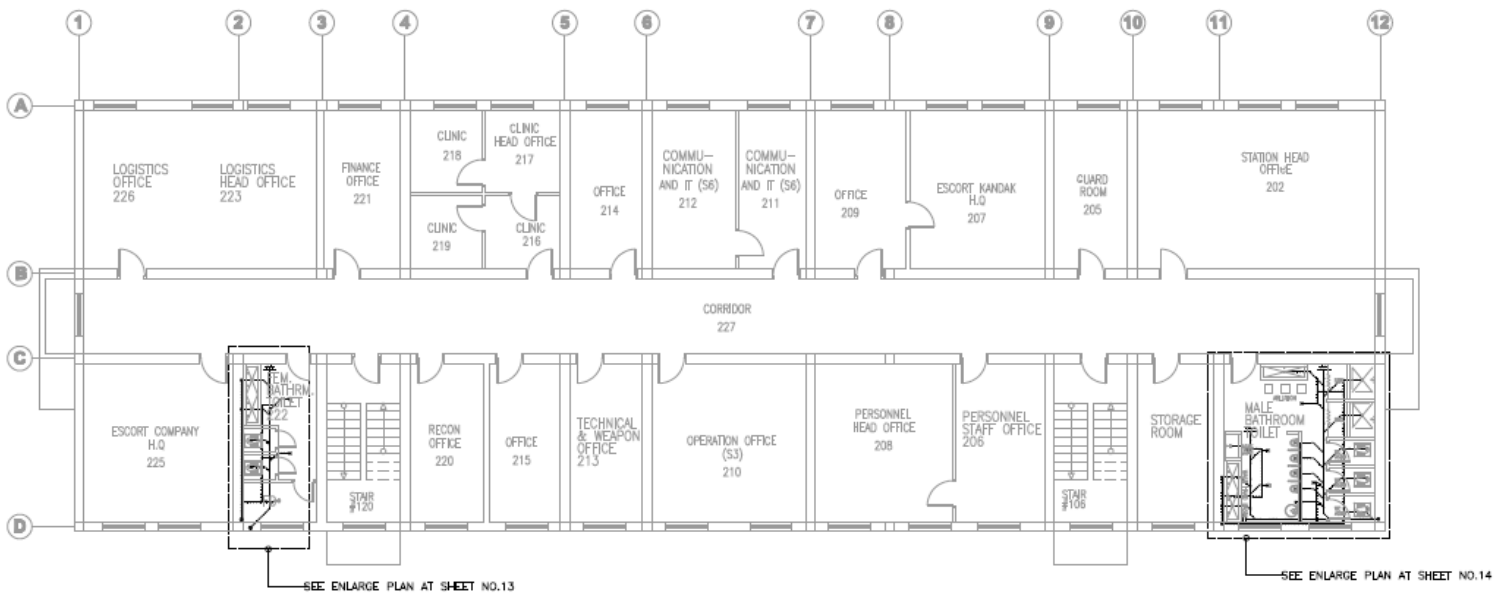
Rev.	Date	Revised
0	11/01/11	ISSUED FOR PERMITS
1	11/01/11	ISSUED FOR PERMITS
2	11/01/11	ISSUED FOR PERMITS
3	11/01/11	ISSUED FOR PERMITS
4	11/01/11	ISSUED FOR PERMITS
5	11/01/11	ISSUED FOR PERMITS
6	11/01/11	ISSUED FOR PERMITS
7	11/01/11	ISSUED FOR PERMITS
8	11/01/11	ISSUED FOR PERMITS
9	11/01/11	ISSUED FOR PERMITS
10	11/01/11	ISSUED FOR PERMITS
11	11/01/11	ISSUED FOR PERMITS
12	11/01/11	ISSUED FOR PERMITS



**RENOVATION OF THE
MINISTRY OF THE
INTERIOR
KABUL CITY FIRE STATIONS
KABUL, AFGHANISTAN**

**M O I - FIRE DEPARTMENT HQ
HQ ADMIN. BLDG.
FIRST 1ST FLOOR
WATER SUPPLY LAYOUT**

CONTRACT NO:	FA800-08-0000
JOB NO:	00000 20.000
CHECKED BY:	JOS DEL ROSARIO
DRAWN BY:	RO DONOR
DATE:	01 NOVEMBER 2011
FILE NAME:	PLUMBING
SHEET NUMBER:	P-11
	11 / 22



1
**FIRST FLOOR
SEWER LAYOUT**
SCALE: N.T.S.

NOTE:
LINEAR DIMENSION ARE IN MILLIMETERS,
UNLESS OTHERWISE NOTED.