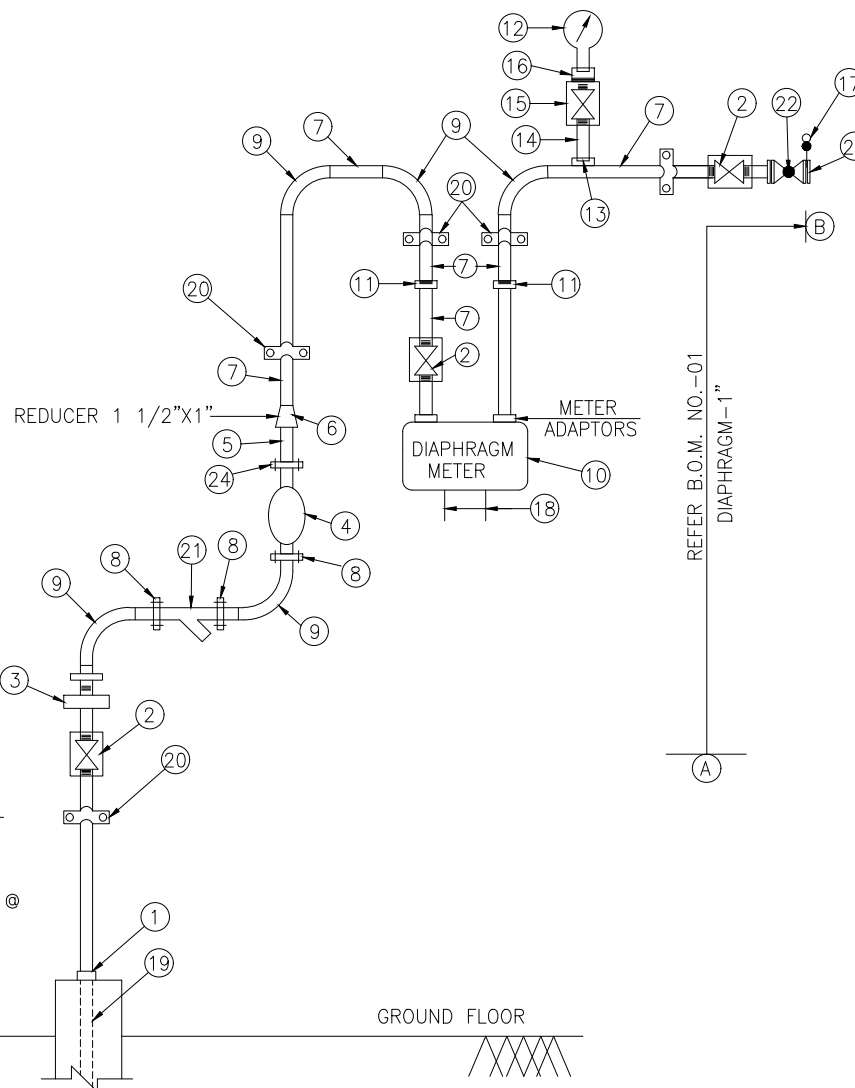# STANDARD DRAWINGS

NOTES:-

1. CS PIPE SHALL CONFIRM TO ASTM A106 Gr B.
2. CS FITTINGS SHALL CONFIRM TO ASTM A105.
3. NPT THREADS SHALL CONFIRM TO ANSI B1.20.1
4. WELDING OF PIPES & FITTINGS SHALL BE CARRIED OUT AS PER API 1104.
5. ALL MATERIALS EXCEPT BELOW MENTIONED IS IN CONTRACTOR' SCOPE.
6. ANY ADDITIONAL ITEM REQUIRED FOR COMPLETION OF WORK SHALL BE CONTRACTOR'S RESPONSIBILITY WITHOUT ANY COST/TIME IMPLICATION.
7. ANY ADDITIONAL SUPPORT/CLAMPS REQUIRED AT THE TIME OF INSTALLATION OF MRS SKID SHALL BE CONTRACTOR'S RESPONSIBILITY.
8. GIVEN BOM IS INDICATIVE ONLY. INDICATIVE ITEM MAY VERY DURING ACTUAL CONSTRUCTION ON SITE.
9. APART FROM FREE ISSUE MATERIAL BALANCE MATERIAL SHALL BE SUPPLIED BY CONTRACTOR.
10. CONTRACTOR TO ENSURE PROVISION FOR LOCKING/SEALING ARRANGEMENT FOR METERS/VALVE TO AVOID MISUSE.
11. IN CASE OF SPACE CONSTRAINT, FLANGE END Y-TYPE STRAINER MAY BE INSTALLED VERTICALLY.

1. DESIGN MAY BE CUSTOMIZED/ MODIFIED AS PER AVAILABLE SPACE AT SITE.

REDUCER 1 1/2"X1"

DIAPHRAGM METER

METER ADAPTORS

REFER B.O.M. NO.-01
DIAPHRAGM-1"

GAS INLET @ 4 BAR

GROUND LEVEL

GROUND FLOOR

REV.	DATE	DESCRIPTION	PREP.	CHKD.	APPD.
A	05.03.2020	ISSUED FOR APPROVAL	DK	MD	AD

CLIENT: **CENTRAL UP GAS LTD**
CUGL
Central U.P. Gas Limited

PMC: M/S VCS QUALITY SERVICES PVT. LTD.

PROJEC

TITLE: SCHEMATIC DIAGRAM
METERING & REGULATING STATION

SIZE	SCALE	DRAWING NUMBER	SHEET	REV.
A3	NTS	14588-30-05-21	1 OF 1	A

1. DESIGN MAY BE CUSTOMIZED/ MODIFIED AS PER AVAILABLE SPACE AT SITE.

REFER B.O.M. NO.-02
DIAPHRAGM-1-1/2"

DIAPHRAGM METER

METER ADAPTORS

GAS INLET @ 4 BAR

GROUND LEVEL

GROUND FLOOR

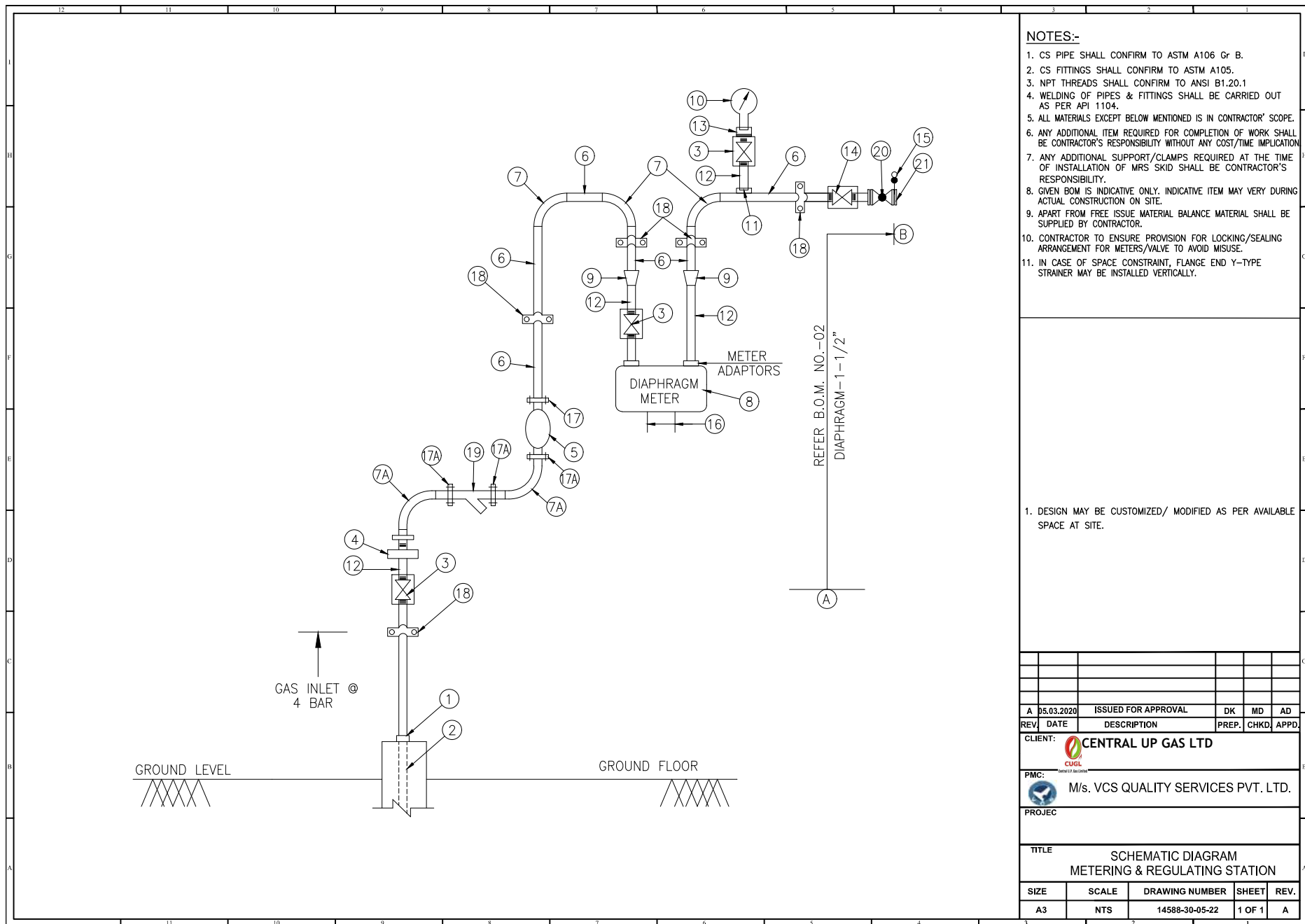| A	05.03.2020	ISSUED FOR APPROVAL	DK	MD	AD
REV.	DATE	DESCRIPTION	PREP.	CHKD.	APPD.

CLIENT:
CENTRAL UP GAS LTD
CUGL

PMC:
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJEC

TITLE
SCHEMATIC DIAGRAM
METERING & REGULATING STATION

SIZE	SCALE	DRAWING NUMBER	SHEET	REV.
A3	NTS	14588-30-05-22	1 OF 1	A

NOTES:-

1. CS PIPE SHALL CONFIRM TO ASTM A106 Gr B.
2. CS FITTINGS SHALL CONFIRM TO ASTM A105.
3. NPT THREADS SHALL CONFIRM TO ANSI B1.20.1
4. WELDING OF PIPES & FITTINGS SHALL BE CARRIED OUT AS PER API 1104.
5. ALL MATERIALS EXCEPT BELOW MENTIONED IS IN CONTRACTOR' SCOPE.
6. ANY ADDITIONAL ITEM REQUIRED FOR COMPLETION OF WORK SHALL BE CONTRACTOR'S RESPONSIBILITY WITHOUT ANY COST/TIME IMPLICATION
7. ANY ADDITIONAL SUPPORT/CLAMPS REQUIRED AT THE TIME OF INSTALLATION OF MRS SKID SHALL BE CONTRACTOR'S RESPONSIBILITY.
8. GIVEN BOM IS INDICATIVE ONLY. INDICATIVE ITEM MAY VERY DURING ACTUAL CONSTRUCTION ON SITE.
9. APART FROM FREE ISSUE MATERIAL BALANCE MATERIAL SHALL BE SUPPLIED BY CONTRACTOR.
10. CONTRACTOR TO ENSURE PROVISION FOR LOCKING/SEALING ARRANGEMENT FOR METERS/VALVE TO AVOID MISUSE.
11. IN CASE OF SPACE CONSTRAINT, FLANGE END Y-TYPE STRAINER MAY BE INSTALLED VERTICALLY.

1. DESIGN MAY BE CUSTOMIZED/ MODIFIED AS PER AVAILABLE SPACE AT SITE.

REDUCER 1 1/2"X2"

DIAPHRAGM METER

METER ADAPTORS

REFER B.O.M. NO.-03 DIAPHRAGM-2"

GAS INLET @ 4 BAR

GROUND LEVEL

GROUND FLOOR

A 05.03.2020	ISSUED FOR APPROVAL		DK	MD	AD
REV. DATE	DESCRIPTION		PREP.	CHKD.	APPD.

CLIENT: CENTRAL UP GAS LTD
Central U.P. Gas Limited

PMC: M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT:

TITLE SCHEMATIC DIAGRAM METERING & REGULATING STATION

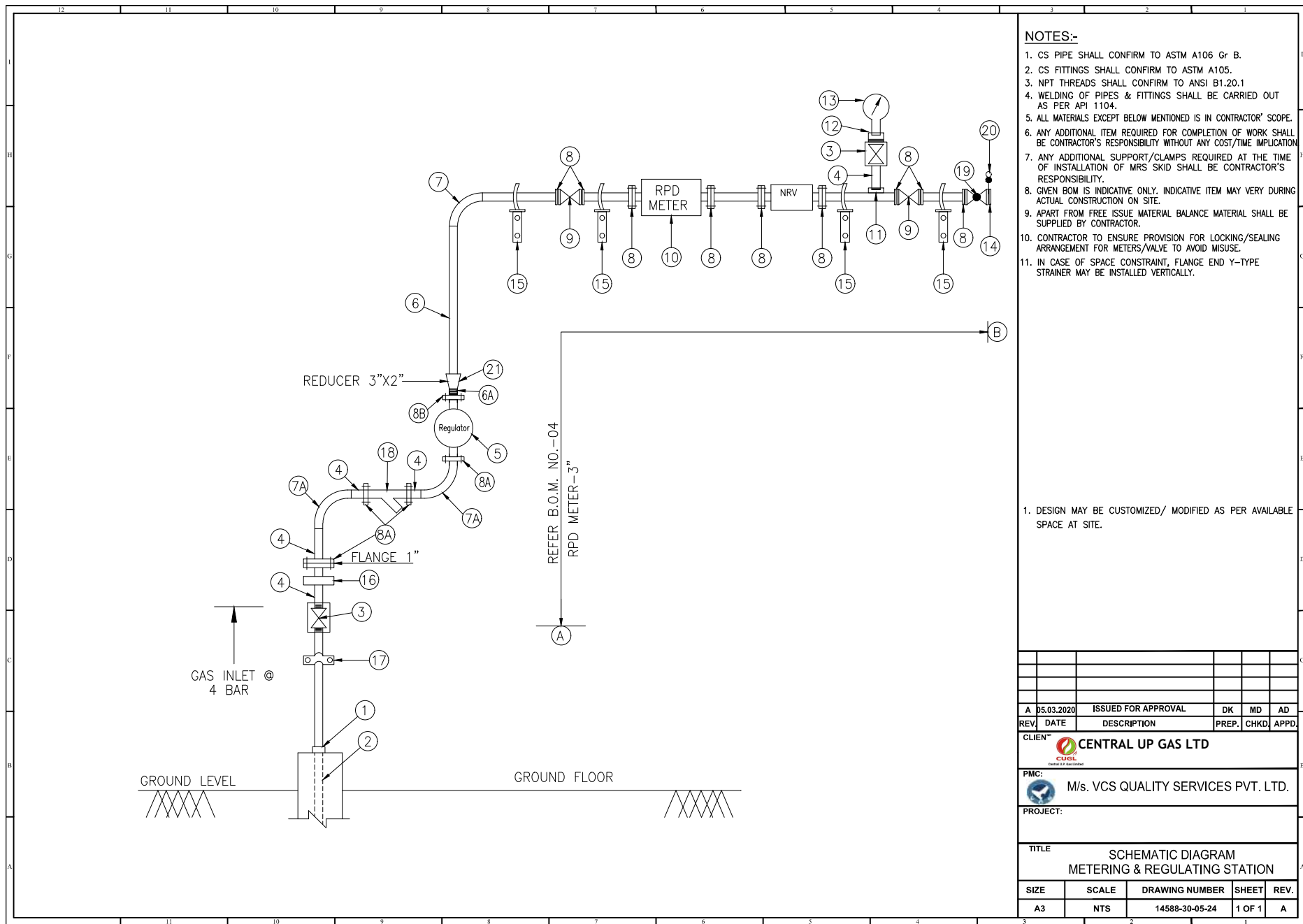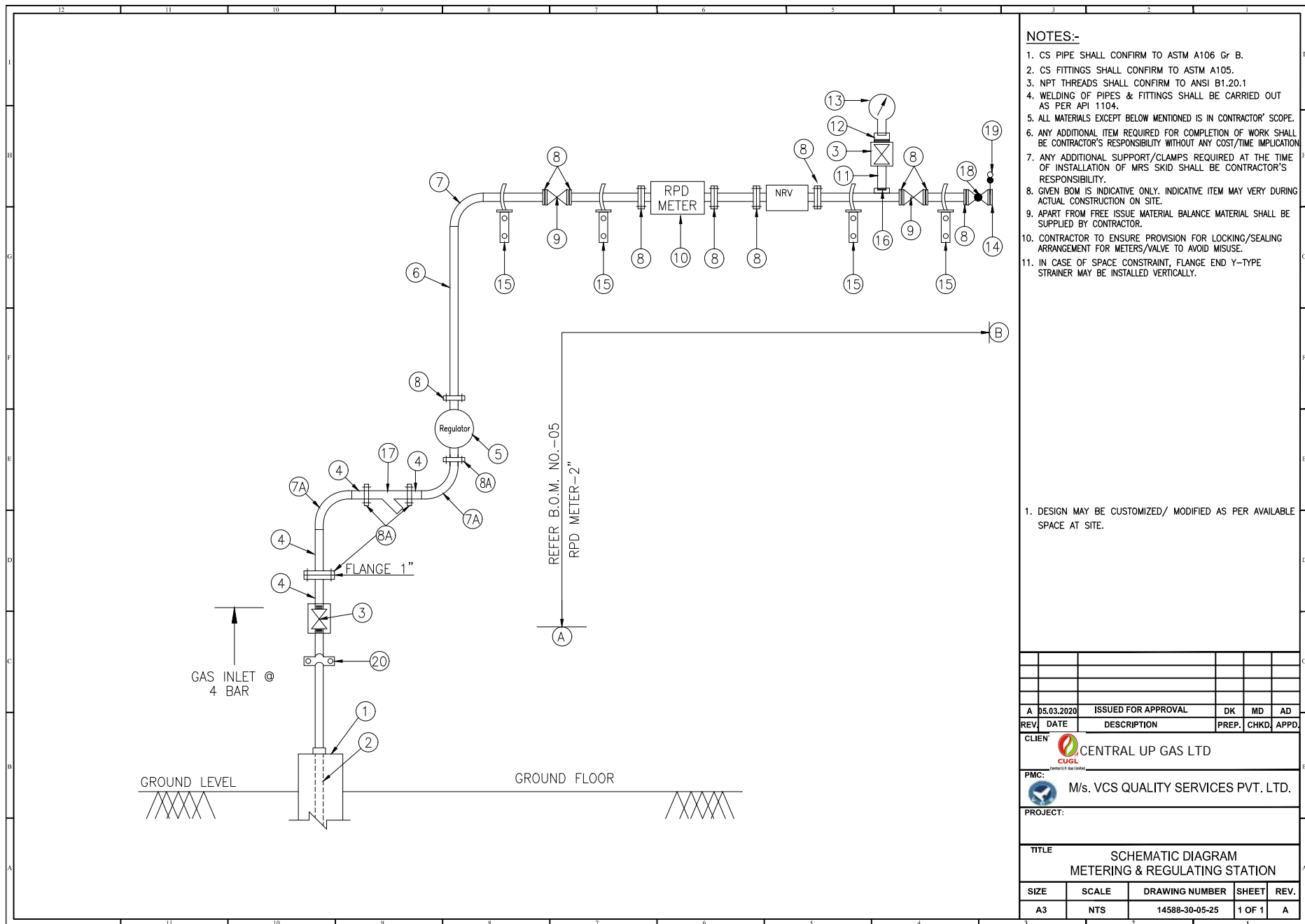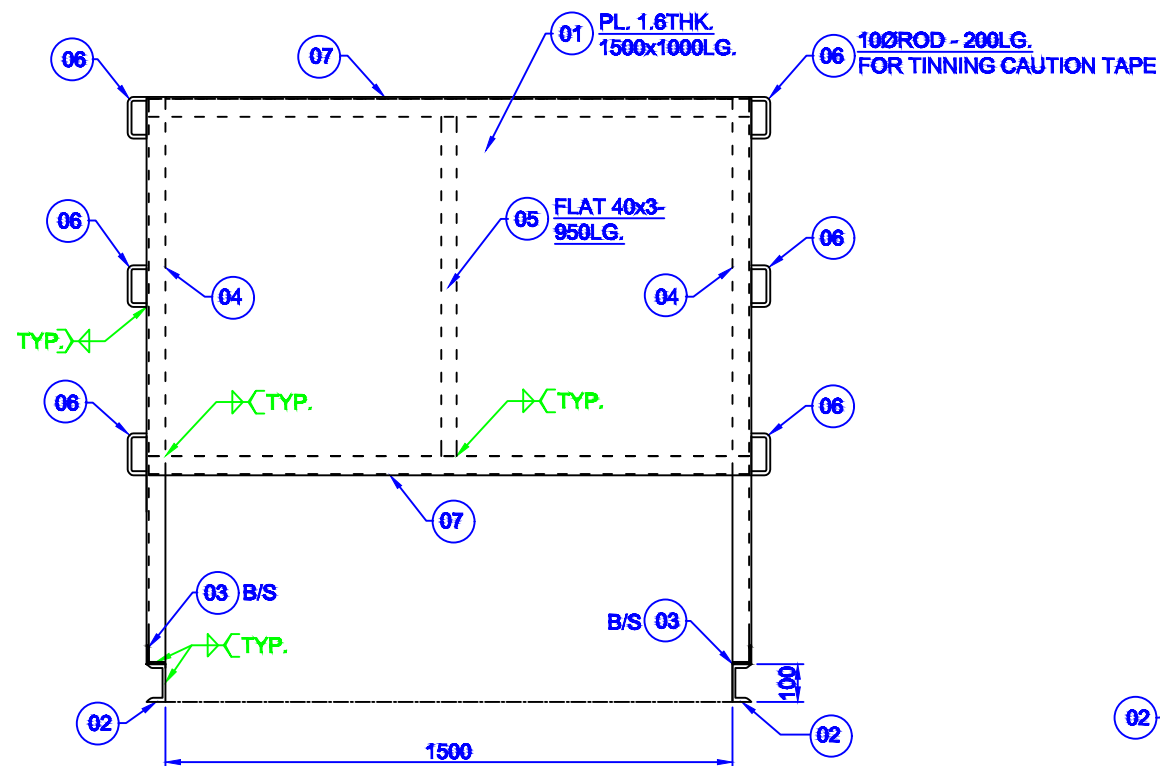| SIZE	SCALE	DRAWING NUMBER	SHEET	REV.
A3	NTS	14588-30-05-23	1 OF 1	A

NOTES:-

1. CS PIPE SHALL CONFIRM TO ASTM A106 Gr B.
2. CS FITTINGS SHALL CONFIRM TO ASTM A105.
3. NPT THREADS SHALL CONFIRM TO ANSI B1.20.1
4. WELDING OF PIPES & FITTINGS SHALL BE CARRIED OUT AS PER API 1104.
5. ALL MATERIALS EXCEPT BELOW MENTIONED IS IN CONTRACTOR' SCOPE.
6. ANY ADDITIONAL ITEM REQUIRED FOR COMPLETION OF WORK SHALL BE CONTRACTOR'S RESPONSIBILITY WITHOUT ANY COST/TIME IMPLICATION
7. ANY ADDITIONAL SUPPORT/CLAMPS REQUIRED AT THE TIME OF INSTALLATION OF MRS SKID SHALL BE CONTRACTOR'S RESPONSIBILITY.
8. GIVEN BOM IS INDICATIVE ONLY. INDICATIVE ITEM MAY VERY DURING ACTUAL CONSTRUCTION ON SITE.
9. APART FROM FREE ISSUE MATERIAL BALANCE MATERIAL SHALL BE SUPPLIED BY CONTRACTOR.
10. CONTRACTOR TO ENSURE PROVISION FOR LOCKING/SEALING ARRANGEMENT FOR METERS/VALVE TO AVOID MISUSE.
11. IN CASE OF SPACE CONSTRAINT, FLANGE END Y-TYPE STRAINER MAY BE INSTALLED VERTICALLY.

1. DESIGN MAY BE CUSTOMIZED/ MODIFIED AS PER AVAILABLE SPACE AT SITE.

REDUCER 3"X2"

Regulator

REFER B.O.M. NO.-04
RPD METER-3"

FLANGE 1"

GAS INLET @ 4 BAR

RPD METER

NRV

GROUND LEVEL

GROUND FLOOR

A	05.03.2020	ISSUED FOR APPROVAL	DK	MD	AD
REV.	DATE	DESCRIPTION	PREP.	CHKD.	APPD.

CLIENT
CENTRAL UP GAS LTD

PMC:
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT:

TITLE
SCHEMATIC DIAGRAM
METERING & REGULATING STATION

SIZE	SCALE	DRAWING NUMBER	SHEET	REV.
A3	NTS	14588-30-05-24	1 OF 1	A

1. DESIGN MAY BE CUSTOMIZED/ MODIFIED AS PER AVAILABLE SPACE AT SITE.

RPD METER

NRV

FLANGE 1 1/2"

Regulator

REFER B.O.M. NO.-04A
RPD METER-1 1/2"

FLANGE 1"

GAS INLET @ 4 BAR

GROUND LEVEL

GROUND FLOOR

REV.	DATE	DESCRIPTION	PREP.	CHKD.	APPD.
A	05.03.2020	ISSUED FOR APPROVAL	DK	MD	AD

CLIENT

CENTRAL UP GAS LTD

PMC:

M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT:

TITLE

SCHEMATIC DIAGRAM
METERING & REGULATING STATION

SIZE	SCALE	DRAWING NUMBER	SHEET	REV.
A3	NTS	14588-30-05-24A	1 OF 1	A

1. DESIGN MAY BE CUSTOMIZED/ MODIFIED AS PER AVAILABLE
   SPACE AT SITE.

RPD METER

NRV

Regulator

REFER B.O.M. NO.-05
RPD METER-2"

FLANGE 1"

GAS INLET @
4 BAR

GROUND LEVEL

GROUND FLOOR

A	05.03.2020	ISSUED FOR APPROVAL	DK	MD	AD
REV.	DATE	DESCRIPTION	PREP.	CHKD.	APPD.

CLIENT
CENTRAL UP GAS LTD
CUGL
Central U.P. Gas Limited

PMC:
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT:

TITLE
SCHEMATIC DIAGRAM
METERING & REGULATING STATION
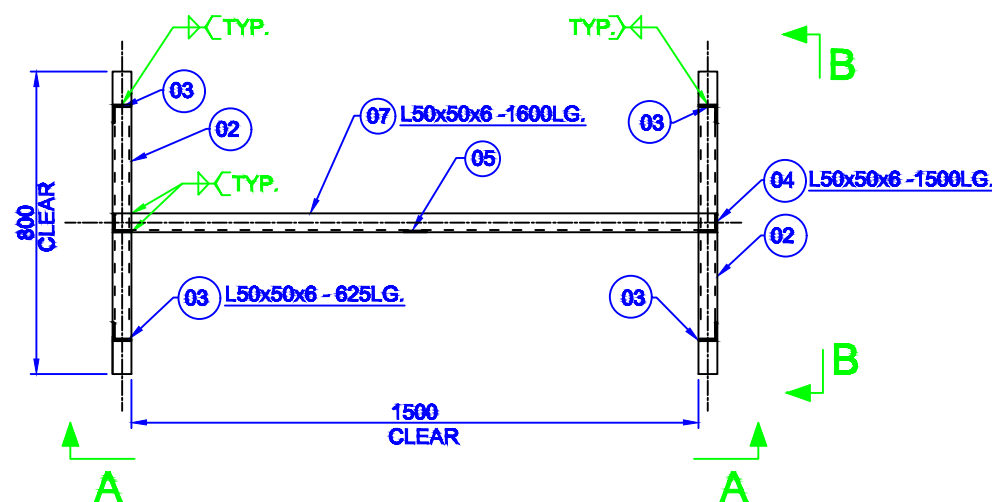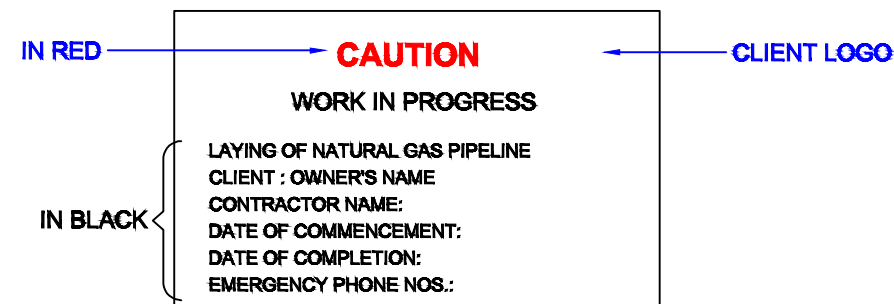
SIZE	SCALE	DRAWING NUMBER	SHEET	REV.
A3	NTS	14588-30-05-25	1 OF 1	A

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE THE DRAWINGS.

06 07 01 PL. 1.6THK. 1500x1000LG. 06 10ØROD - 200LG. FOR TINNING CAUTION TAPE

06 05 FLAT 40x3- 950LG. 06

06 04 04 06

TYP.

06 TYP. TYP. 06

07

03 B/S B/S 03

02 1500 02

1000

ELEVATION A-A

06 100 01 04

03 37° 03

03

500

02 800 100

ELEVATION B-B

PLAN VIEW

TYP. TYP. B

03 B

02 07 L50x50x6 -1600LG. 03

800 CLEAR TYP. 04 L50x50x6 -1500LG.

05 02

03 L50x50x6 - 625LG. 03

1500 CLEAR B

A A

IN RED → **CAUTION** ← CLIENT LOGO

WORK IN PROGRESS

IN BLACK {
LAYING OF NATURAL GAS PIPELINE
CLIENT : OWNER'S NAME
CONTRACTOR NAME:
DATE OF COMMENCEMENT:
DATE OF COMPLETION:
EMERGENCY PHONE NOS.:
}

TO BE PRINTED ON ITEM NO. 01

BILL OF MATERIAL

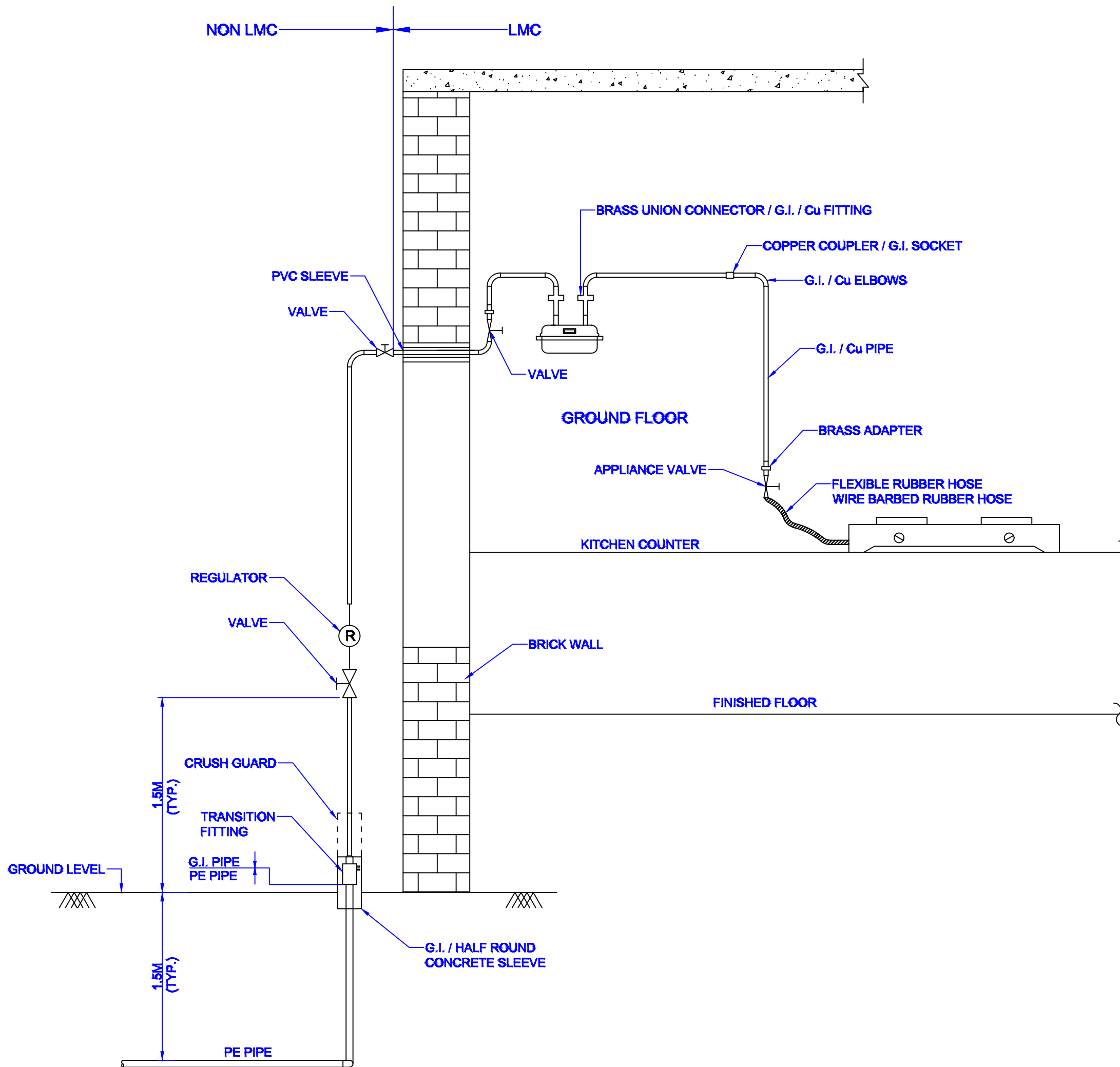| Item Mkd.	Section	Width	Length	Item Qty. (All Marks)	Weight Kgs./M,M2	Total Weight In Kgs.
1.	PL. 1.6 THK.	1600	1000	1	12.56	20.10
2.	ISMC 100	--	800	2	9.20	14.72
3.	L50x50x6	--	625	4	4.50	11.25
4.	L50x50x6	--	1500	2	4.50	13.50
5.	Flat 3Thk.	900	40	1	0.94	0.03
6.	10Ø Rod	--	200	6	0.62	0.74
7.	L50x50x6	--	1600	2	4.50	14.40
					Grand Total (Kg)	74.74

OWNER :
CENTRAL UP GAS LIMITED

PMC
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT :
GI/COPPER INSTALLATION WORKS

TITLE :
CAUTION BOARD

SCALE 1:10	DATE	CAD FILE DATE	CAD	A3

DRG. NO. C211036-10-03-32 REV-0

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE AND SHALL BE DECIDED AT THE TIME OF DETAIL ENGINEERING.
3. PIPING DOWNSTREAM METER SHALL BE COPPER IN CASE METER IS INSTALLED WITHIN THE KITCHEN.
4. TENTATIVE RISER LENGTH (FROM OUTLET OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5M. ANY CHANGES IN RISER LENGTH SHALL BE AFTER APPROVAL FROM EIC.
5. G.I. INSTALLATION / METER INSTALLATION SHALL BE DECIDED BY OWNER / OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS.
6. IF COPPER PIPE GOES TO THE APPLIANCE VALVE THEN BRASS FITTING SHALL BE USED AT THE OUTLET OF METER OR IF G.I. PIPE GOES TO THE APPLIANCE VALVE THEN G.I. FITTING SHALL BE USED AT THE OUTLET OF THE METER.
7. MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE STRAIGHT LENGTH, IF ANY TEE OR ANY FITTING IS USED IN BETWEEN THE PIPE THEN CLAMP SHALL BE PLACED 150 MM AWAY FROM CENTER LINE OF THE FITTING AT EVERY SIDE. HOWEVER, THE SAME MAY BE CHANGED AS PER SITE CONDITIONS / AS DIRECTED BY EIC.
8. TAPPING SHALL BE LEFT NEAR OUTSIDE THE KITCHEN AS DIRECTED BY OWNER / OWNER'S REPRESENTATIVE..

THIS IS THE GENERAL LAYOUT.

FOR LMC AND NON-LMC

OWNER :	CENTRAL UP GAS LIMITED
PMC	M/s. VCS QUALITY SERVICES PVT. LTD.
PROJECT :	GI/COPPER INSTALLATION WORKS
TITLE :	TYPICAL DOMESTIC CONNECTION LAYOUT OF NG DISTRIBUTION (NON LMC & LMC)

SCALE 1:10	DATE	CAD FILE	DATE	CAD	A3

DRG. NO.   C211036-20-05-01 REV-0

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.

2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE AND SHALL BE DECIDED AT THE TIME OF DETAIL ENGINEERING.

3. PIPING DOWNSTREAM METER SHALL BE COPPER IN CASE METER IS INSTALLED WITHIN THE KITCHEN.

4. TENTATIVE RISER LENGTH (FROM OUTLET OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5M. ANY CHANGES IN RISER LENGTH SHALL BE AFTER APPROVAL FROM EIC.

5. G.I. INSTALLATION / METER INSTALLATION SHALL BE DECIDED BY OWNER / OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS.

6. IF COPPER PIPE GOES TO THE APPLIANCE VALVE THEN BRASS FITTING SHALL BE USED AT THE OUTLET OF METER OR IF G.I. PIPE GOES TO THE APPLIANCE VALVE THEN G.I. FITTING SHALL BE USED AT THE OUTLET OF THE METER.

7. MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE STRAIGHT LENGTH, IF ANY TEE OR ANY FITTING IS USED IN BETWEEN THE PIPE THEN CLAMP SHALL BE PLACED 150 MM AWAY FROM CENTER LINE OF THE FITTING AT EVERY SIDE. HOWEVER, THE SAME MAY BE CHANGED AS PER SITE CONDITIONS / AS DIRECTED BY EIC.

8. METER CLAMP SHALL BE APPROVED FROM OWNER / OWNER'S REPRESENTATIVE..

THIRD FLOOR

ISOLATION VALVE
1/2" ELBOW — 1/2" PLUG
1/2" HEX NIPPLE

ISOLATION VALVE
1/2" PLUG — 1/2" EQUAL TEE
1/2" HEX NIPPLE

SECOND FLOOR

ISOLATION VALVE
1/2" PLUG — 1/2" EQUAL TEE
1/2" HEX NIPPLE

ISOLATION VALVE
1/2" EQUAL TEE — 1/2" PLUG
1/2" HEX NIPPLE
1/2" SOCKET

FIRST FLOOR

ISOLATION VALVE
1/2" PLUG — 1/2" EQUAL TEE
1/2" HEX NIPPLE

ISOLATION VALVE
1/2" EQUAL TEE — 1/2" PLUG
1/2" HEX NIPPLE

GROUND FLOOR

ISOLATION VALVE
1/2" PLUG — 1/2" EQUAL TEE
1/2" HEX NIPPLE

ISOLATION VALVE
1/2" EQUAL TEE
1/2" HEX NIPPLE
G.I. PIPE 21 mBAR
ISOLATION VALVE 1/2"
1/2" HEX NIPPLE
METER
1/2" HEX NIPPLE
CU PIPE
G.I./CU PIPE
APPLIANCE VALVE 1/4"
FLEXIBLE RUBBER HOSE
BURNER

1/2" M/F ELBOW
1/2" HEX NIPPLE — 1/2" UNION
ELBOW 1/2"
1/2" HEX NIPPLE — REGULATOR
G.I. PIPE 1.5M — ISOLATION VALVE
PEDESTAL — CRASH GUARD
GROUND LEVEL
T.F. — G.I. PIPE / PE PIPE
G.I./HALF ROUND CONCRETE SLEEVE (SEE NOTE-5)
PE PIPE

TYPICAL SCHEMATIC CONNECTION - FLATS
GR. + 3 FLOORS

OWNER :
      CENTRAL UP GAS LIMITED

PMC
      M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT :
      GI/COPPER INSTALLATION WORKS

TITLE : TYPICAL SCHEMATIC CONNECTION - FLATS GR. +3 FLOORS

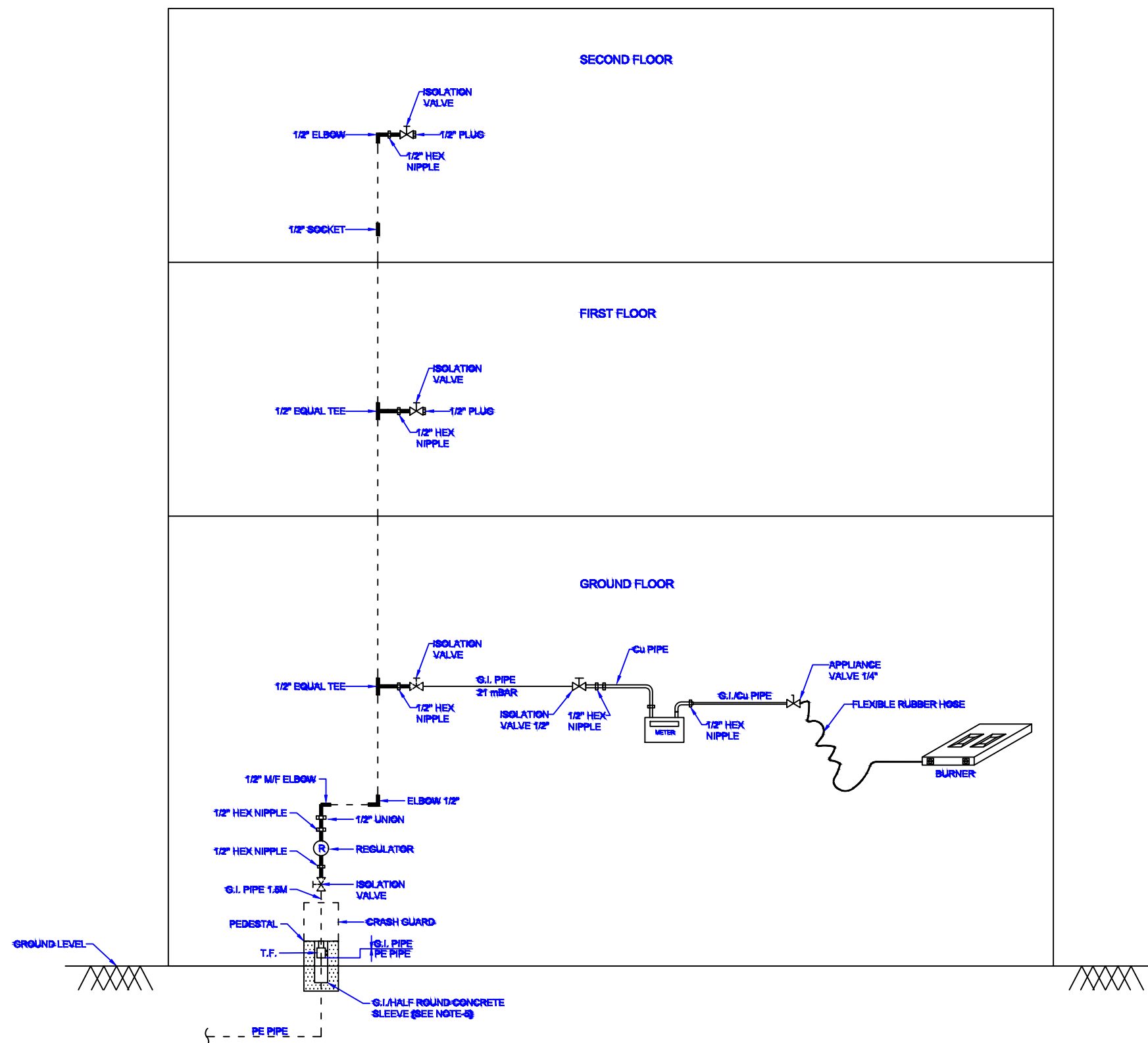| SCALE 1:10	DATE	CAD FILE	DATE	CAD	A3

DRG. NO.   C211036-20-05-02 REV-0

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.

2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE AND SHALL BE DECIDED AT THE TIME OF DETAIL ENGINEERING.

3. PIPING DOWNSTREAM METER SHALL BE COPPER IN CASE METER IS INSTALLED WITHIN THE KITCHEN.

4. TENTATIVE RISER LENGTH (FROM OUTLET OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5M. ANY CHANGES IN RISER LENGTH SHALL BE AFTER APPROVAL FROM EIC.

5. G.I. INSTALLATION / METER INSTALLATION SHALL BE DECIDED BY OWNER / OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS.

6. IF COPPER PIPE GOES TO THE APPLIANCE VALVE THEN BRASS FITTING SHALL BE USED AT THE OUTLET OF METER OR IF G.I. PIPE GOES TO THE APPLIANCE VALVE THEN G.I. FITTING SHALL BE USED AT THE OUTLET OF THE METER.

7. MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE STRAIGHT LENGTH. IF ANY TEE OR ANY FITTING IS USED IN BETWEEN THE PIPE THEN CLAMP SHALL BE PLACED 150 MM AWAY FROM CENTER LINE OF THE FITTING AT EVERY SIDE. HOWEVER, THE SAME MAY BE CHANGED AS PER SITE CONDITIONS / AS DIRECTED BY EIC.

8. METER CLAMP SHALL BE APPROVED FROM OWNER / OWNER'S REPRESENTATIVE..

OWNER :
CENTRAL UP GAS LIMITED

PMC
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT :
GI/COPPER INSTALLATION WORKS

TITLE : TYPICAL SCHEMATIC CONNECTION - FLATS GR. + 4 FLOORS & ABOVE (UPTO 13 FLOORS)
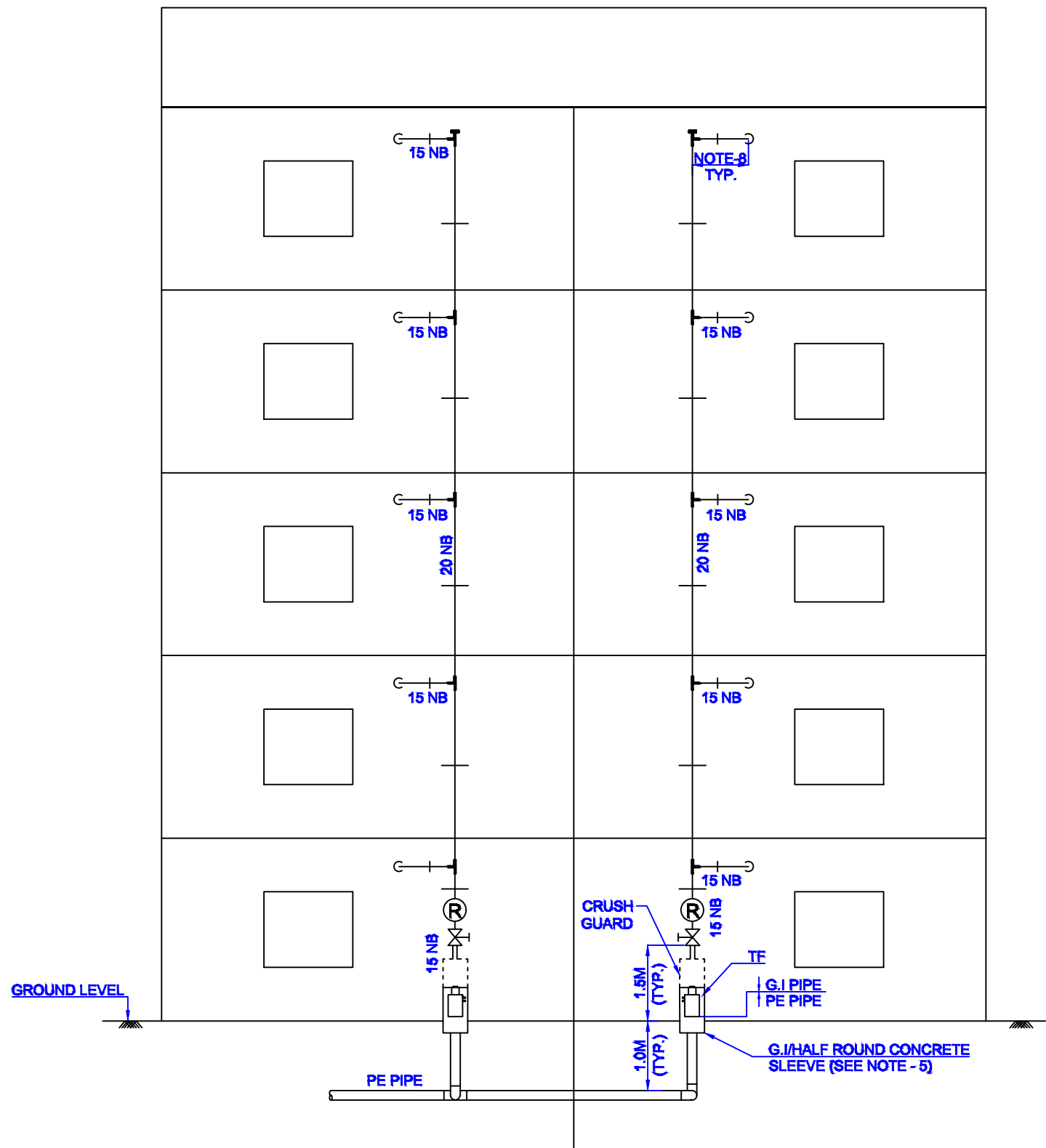
SCALE	DATE	CAD FILE			
		DATE		CAD	A3

DRG. NO.   C211036-20-05-03 REV-0

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE AND SHALL BE DECIDED AT THE TIME OF DETAIL ENGINEERING.
3. PIPING DOWNSTREAM METER SHALL BE COPPER IN CASE METER IS INSTALLED WITHIN THE KITCHEN.
4. TENTATIVE RISER LENGTH (FROM OUTLET OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5M. ANY CHANGES IN RISER LENGTH SHALL BE AFTER APPROVAL FROM EIC.
5. G.I. INSTALLATION / METER INSTALLATION SHALL BE DECIDED BY OWNER / OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS.
6. IF COPPER PIPE GOES TO THE APPLIANCE VALVE THEN BRASS FITTING SHALL BE USED AT THE OUTLET OF METER OR IF G.I. PIPE GOES TO THE APPLIANCE VALVE THEN G.I. FITTING SHALL BE USED AT THE OUTLET OF THE METER.
7. MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE STRAIGHT LENGTH. IF ANY TEE OR ANY FITTING IS USED IN BETWEEN THE PIPE THEN CLAMP SHALL BE PLACED 150 MM AWAY FROM CENTER LINE OF THE FITTING AT EVERY SIDE. HOWEVER, THE SAME MAY BE CHANGED AS PER SITE CONDITIONS / AS DIRECTED BY EIC.
8. METER CLAMP SHALL BE APPROVED FROM OWNER / OWNER'S REPRESENTATIVE..

SECOND FLOOR

FIRST FLOOR

GROUND FLOOR

ISOLATION VALVE
1/2" ELBOW
1/2" PLUG
1/2" HEX NIPPLE
1/2" SOCKET

ISOLATION VALVE
1/2" EQUAL TEE
1/2" PLUG
1/2" HEX NIPPLE

ISOLATION VALVE
1/2" EQUAL TEE
1/2" HEX NIPPLE
G.I. PIPE 21 mBAR
ISOLATION VALVE 1/2"
1/2" HEX NIPPLE
METER
Cu PIPE
G.I./Cu PIPE
1/2" HEX NIPPLE
APPLIANCE VALVE 1/4"
FLEXIBLE RUBBER HOSE
BURNER

1/2" M/F ELBOW
1/2" HEX NIPPLE
1/2" UNION
ELBOW 1/2"
1/2" HEX NIPPLE
R REGULATOR
G.I. PIPE 1.5M
ISOLATION VALVE
PEDESTAL
CRASH GUARD
GROUND LEVEL
T.F.
G.I. PIPE PE PIPE
G.I./HALF ROUND CONCRETE SLEEVE (SEE NOTE-5)
PE PIPE

OWNER :
CENTRAL UP GAS LIMITED

PMC
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT :
GI/COPPER INSTALLATION WORKS

TITLE :
TYPICAL SCHEMATIC CONNECTION - KOTHI

SCALE	DATE	CAD FILE DATE	CAD	A3

DRG. NO.   C211036-20-05-04 REV-0

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE AND SHALL BE DECIDED AT THE TIME OF DETAIL ENGINEERING.
3. PIPING DOWNSTREAM METER SHALL BE COPPER IN CASE METER IS INSTALLED WITHIN THE KITCHEN.
4. TENTATIVE RISER LENGTH (FROM OUTLET OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5M. ANY CHANGES IN RISER LENGTH SHALL BE AFTER APPROVAL FROM EIC.
5. G.I. INSTALLATION / METER INSTALLATION SHALL BE DECIDED BY OWNER / OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS.
6. IF COPPER PIPE GOES TO THE APPLIANCE VALVE THEN BRASS FITTING SHALL BE USED AT THE OUTLET OF METER OR IF G.I. PIPE GOES TO THE APPLIANCE VALVE THEN G.I. FITTING SHALL BE USED AT THE OUTLET OF THE METER.
7. MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE STRAIGHT LENGTH. IF ANY TEE OR ANY FITTING IS USED IN BETWEEN THE PIPE THEN CLAMP SHALL BE PLACED 150 MM AWAY FROM CENTER LINE OF THE FITTING AT EVERY SIDE. HOWEVER, THE SAME MAY BE CHANGED AS PER SITE CONDITIONS / AS DIRECTED BY EIC.
8. TAPPING SHALL BE LEFT NEAR OUTSIDE THE KITCHEN AS DIRECTED BY OWNER / OWNER'S REPRESENTATIVE.
9. FROM TRANSITION FITTING TO THE ISOLATION VALVE, SHALL BE CONSIDERED IN THE OUTSIDE KITCHEN PIPING.

15 NB
NOTE-8 TYP.
15 NB
15 NB
15 NB
20 NB
15 NB
20 NB
15 NB
15 NB
15 NB
CRUSH GUARD
15 NB
15 NB
GROUND LEVEL
TF
1.5M (TYP.)
G.I PIPE
PE PIPE
1.0M (TYP.)
G.I./HALF ROUND CONCRETE SLEEVE (SEE NOTE - 5)
PE PIPE

INDICATIVE RISER ARRANGEMENT IN GR+4 & ABOVE BUILDING
(METER INSTALLED INSIDE THE KITCHEN)

THIS IS THE GENERAL LAYOUT.

FOR LMC AND NON-LMC

OWNER :
CENTRAL UP GAS LIMITED

PMC
M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT :
GI/COPPER INSTALLATION WORKS

TITLE :
TYPICAL DOMESTIC CONNECTION
LAYOUT OF NG DISTRIBUTION

SCALE	DATE	CAD FILE DATE	CAD	A3

DRG. NO.   C211036-20-05-06 REV-0

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.

2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE AND SHALL BE DECIDED AT THE TIME OF DETAIL ENGINEERING.

3. PIPING DOWNSTREAM METER SHALL BE COPPER IN CASE METER IS INSTALLED WITHIN THE KITCHEN.

4. TENTATIVE RISER LENGTH (FROM OUTLET OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5M. ANY CHANGES IN RISER LENGTH SHALL BE AFTER APPROVAL FROM EIC.

5. G.I. INSTALLATION / METER INSTALLATION SHALL BE DECIDED BY OWNER / OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS.

6. IF COPPER PIPE GOES TO THE APPLIANCE VALVE THEN BRASS FITTING SHALL BE USED AT THE OUTLET OF METER OR IF G.I. PIPE GOES TO THE APPLIANCE VALVE THEN G.I. FITTING SHALL BE USED AT THE OUTLET OF THE METER.

7. MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE STRAIGHT LENGTH, IF ANY TEE OR ANY FITTING IS USED IN BETWEEN THE PIPE THEN CLAMP SHALL BE PLACED 150 MM AWAY FROM CENTER LINE OF THE FITTING AT EVERY SIDE. HOWEVER, THE SAME MAY BE CHANGED AS PER SITE CONDITIONS / AS DIRECTED BY EIC.

8. TAPPING SHALL BE LEFT NEAR OUTSIDE THE KITCHEN AS DIRECTED BY OWNER / OWNER'S REPRESENTATIVE.

9. FROM TRANSITION FITTING TO THE ISOLATION VALVE, SHALL BE CONSIDERED IN THE OUTSIDE KITCHEN PIPING.

10. AT THE TIME OF MEASURING LENGTH OF G.I./COPPER PIPE, G.I./COPPER FITTINGS SHALL BE COUNTED IN THE PIPE LENGTH.

THIS IS THE GENERAL LAYOUT.

METER

METER

METER

METER

GROUND FLOOR

REGULATOR

VALVE

CRASH GUARD

GROUND LEVEL

T.F.

G.I PIPE

PE PIPE

GROUND LEVEL

PE PIPE

G.I. / HALF ROUND CONCRETE SLEEVE

INDICATIVE RISER ARRANGEMENT IN BUILDING, IF METER IS INSTALLED AT TOP OF FLOOR

OWNER :

CENTRAL UP GAS LIMITED

PMC

M/s. VCS QUALITY SERVICES PVT. LTD.

PROJECT :

GI/COPPER INSTALLATION WORKS

TITLE :

TYPICAL DOMESTIC CONNECTION LAYOUT OF NG DISTRIBUTION

SCALE	DATE	CAD FILE		CAD	A3
		DATE			

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