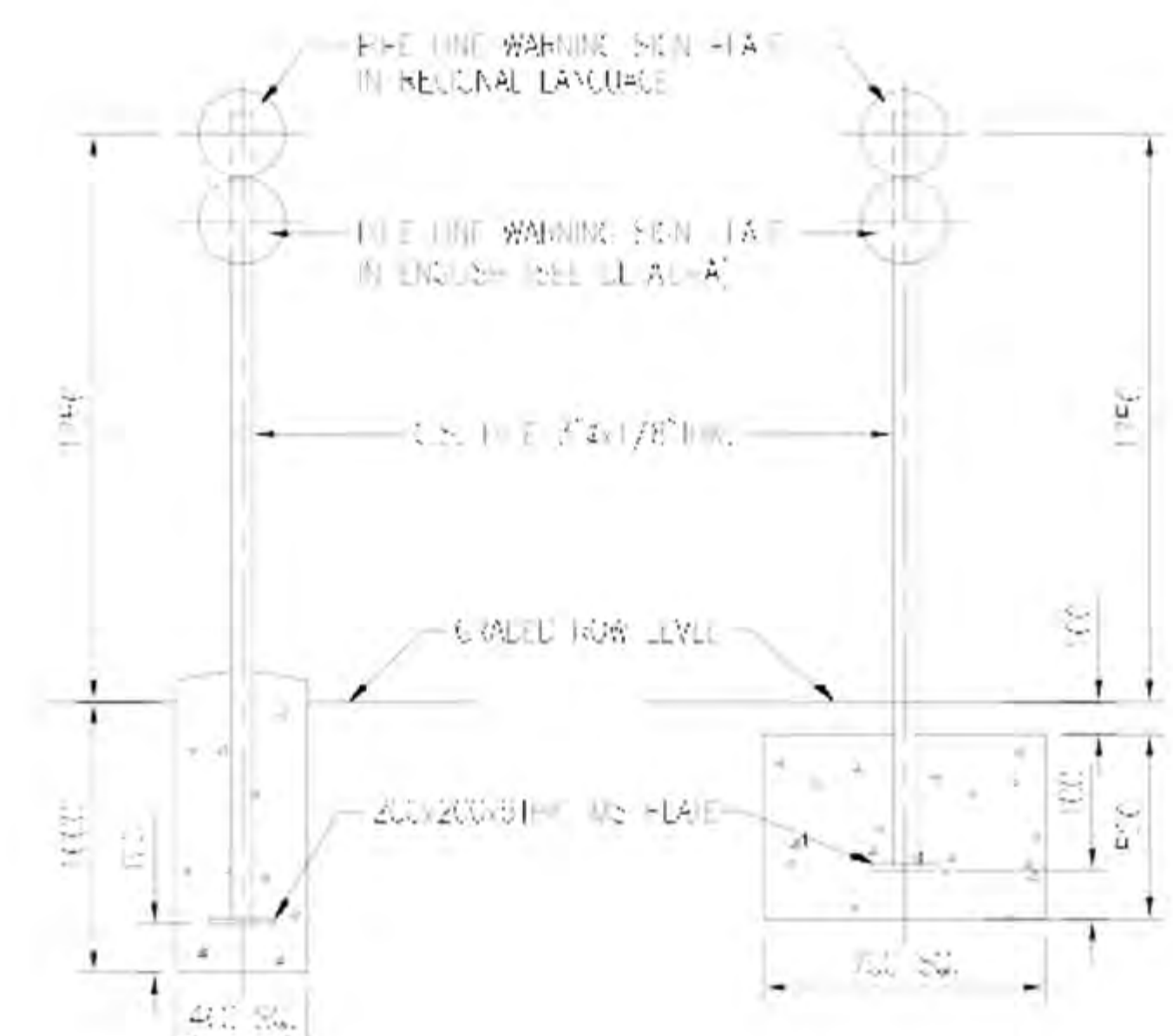
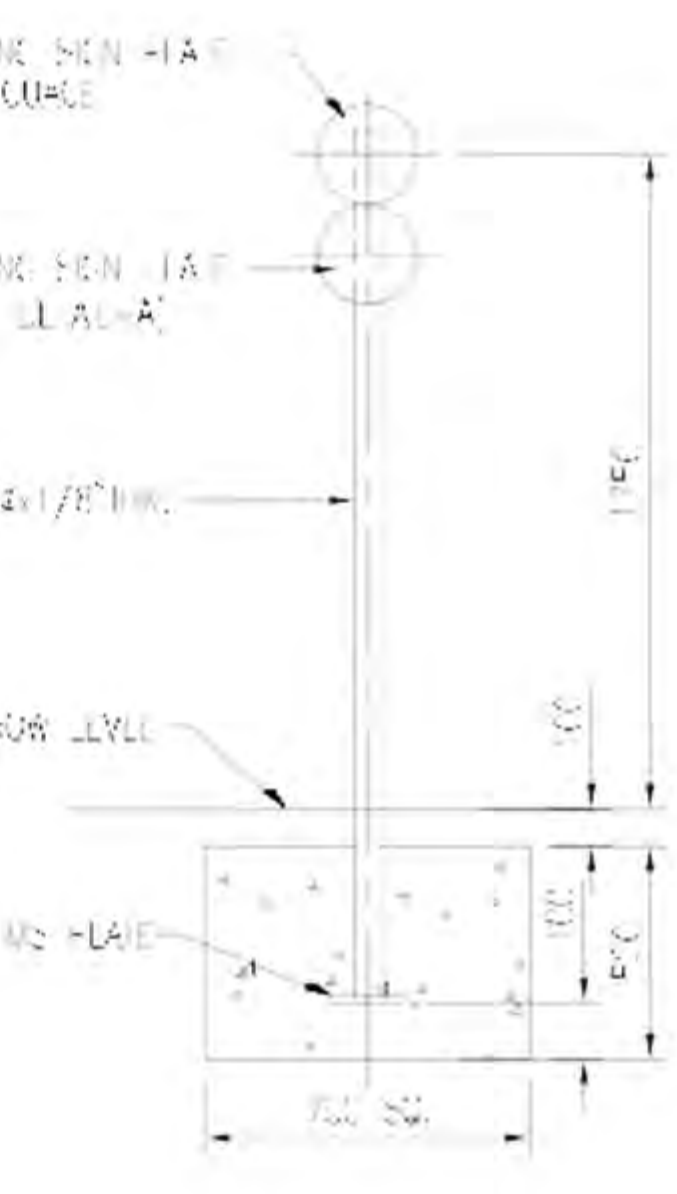


NOTES

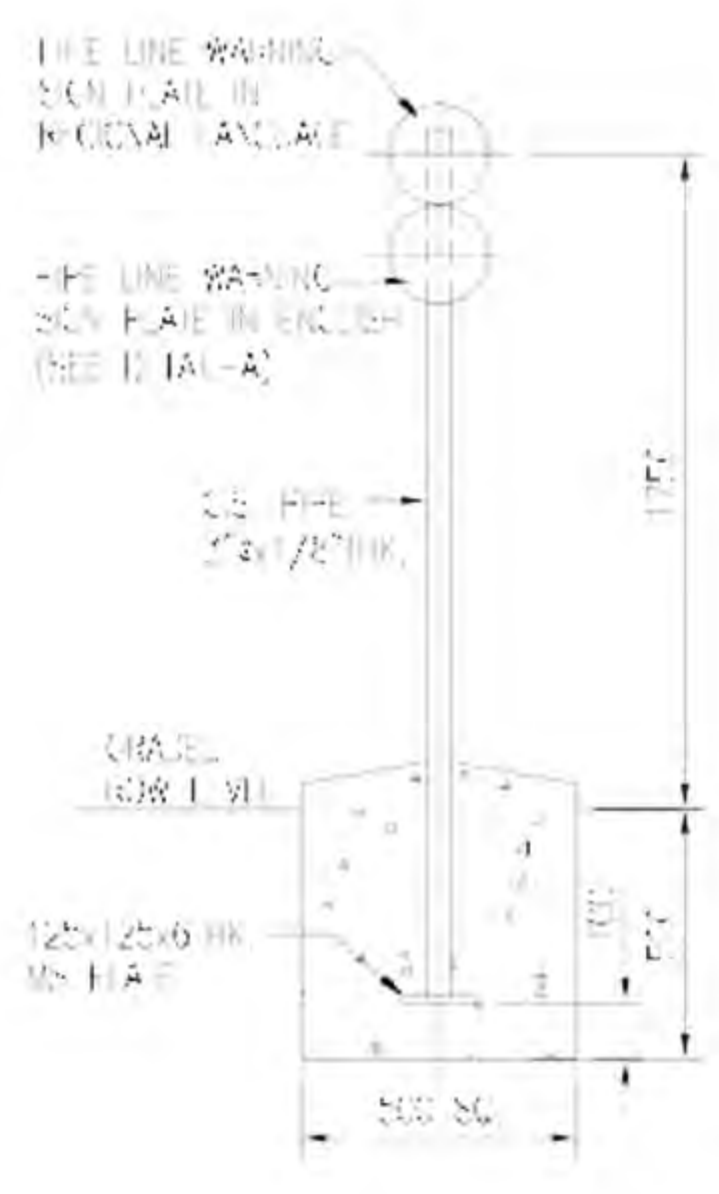
- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- MODE OF PAINTING & COLORING:
 - UNDERGROUND SIGN SHALL BE PAINTED THROUGHOUT IN CONCRETE, GRAVEL, FLOOR MAT, AND MASONRY.
 - UNDERGROUND SIGN SHALL BE PAINTED THROUGHOUT IN CONCRETE, GRAVEL, FLOOR MAT, AND MASONRY.
 - ALL LETTERS EXCEPT WARNING SHALL BE PAINTED BLACK.
 - COLOR SCHEME FOR XYZ PIPELINE CO. MOUNTAIN SHALL BE AS DIRECTED BY OWNER.
 - POST SHALL BE PAINTED WITH 75% WIDE AREA PAINTED WITH BLACK AND WHITE PAINT.
 - ALL OTHER ABOVEGROUND SIGNS SHALL BE PAINTED YELLOW COLOR.
 - THE PIPE LINE WARNING SIGN SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT REGULATIONS AND AS DIRECTED BY OWNER. IT SHALL BE INSTALLED TO THE LEFT OF THE PIPE LINE UNLESS PLACED IN THE DIRECTION OF FLOW AT COMMON POINT PIPELINE C/D. AND THE WARNING SIGN PLATE SHALL FACE THE UTILITY BEING CROSSED.
 - THE WARNING SIGN PLATE MAY BE MOUNTED ON VERTICAL OR HORIZONTAL SURFACES.
 - THE FOUNDATION SHALL BE MADE OF CONCRETE M20.
 - SIGN PLATE IN REGIONAL LANGUAGE SHALL BE PREPARED BY THE FACTOR OR SIMILAR UNIT AND APPROVED BY THE OWNER. IN ADDITION TO THIS, (S)D-DRAWING MAY BE DRAWN WITH.



TYPE-I
FOR NORMAL SOIL



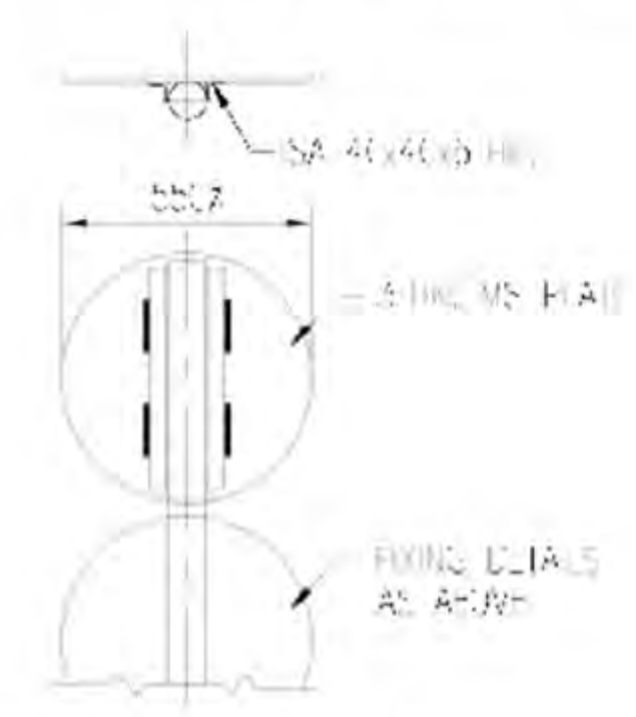
TYPE-II
FOR DRIFTING SAND SOIL



TYPE-III
FOR ROCKY AREAS



DETAIL-A



WARNING SIGN PLATE
FIXING DETAILS

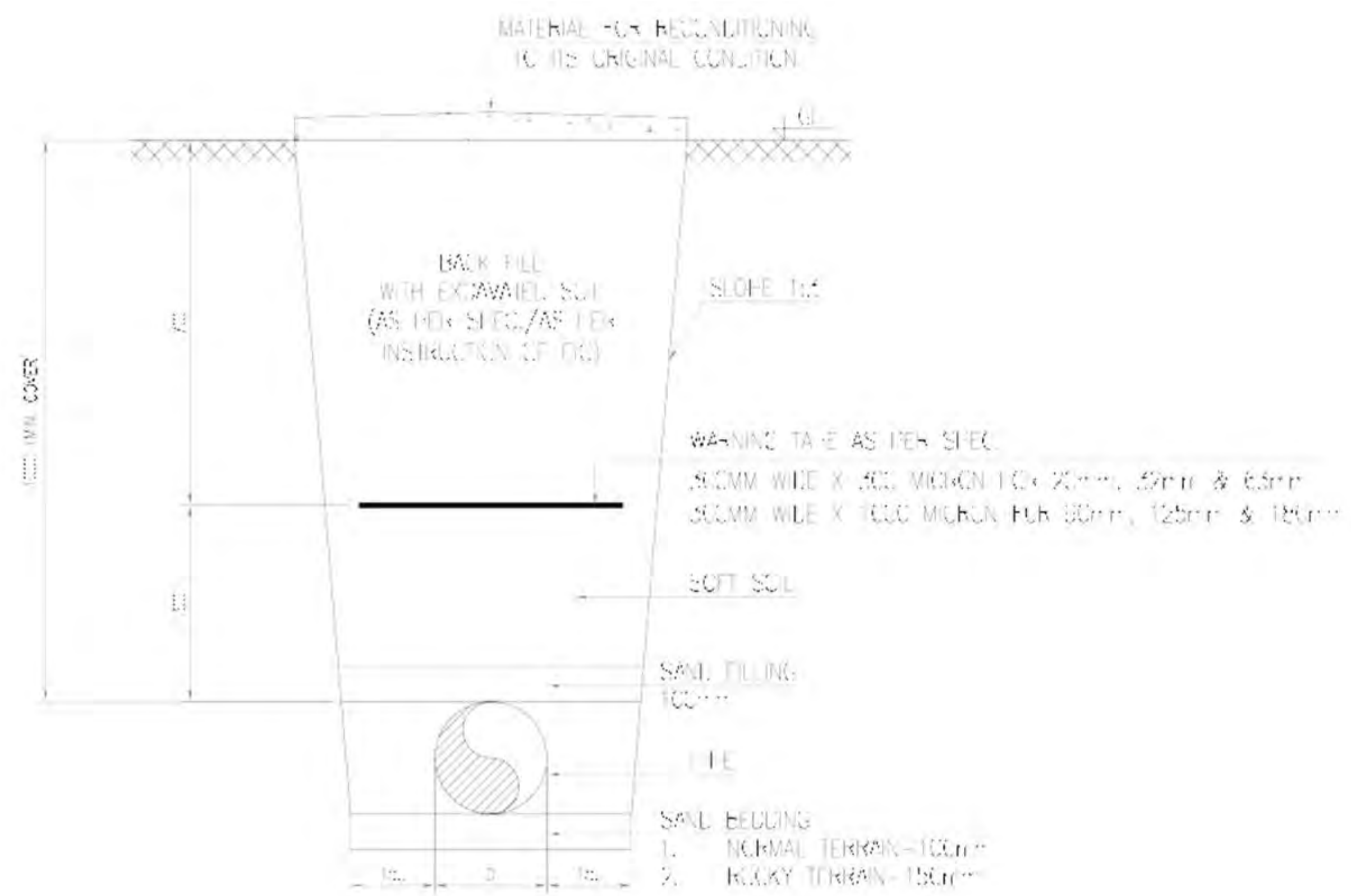
NO.	DATE	BY	FOR	REVISION
1	2024	AS	R	ISSUE FOR RFP
2	2024	AS	R	ISSUE FOR APPROVAL
3	2024	AS	R	ISSUE FOR APPROVAL

TYPICAL PIPE LINE PERMANENT POLE MARKER DETAILS

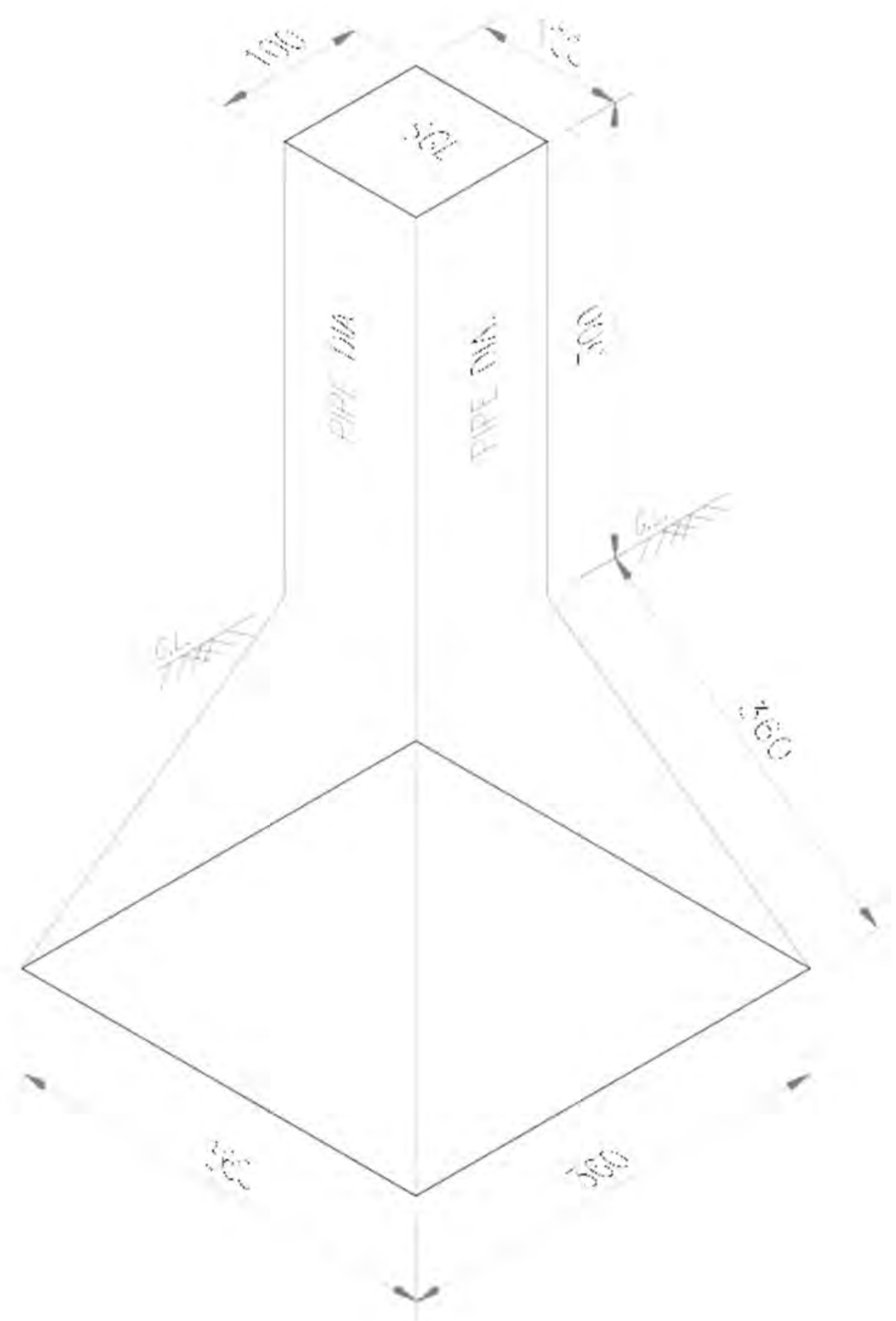
RESONANCE ENERGY PVT. LTD. SITE NO: SCALE: 1:50 SHEET NO: 1 OF 1
DRAWING NUMBER: TEIND-STD-G-M-5002

NOTES

- 1 - ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
- 2 - IN CASE OF ROCKY SURFACE/STONES, HAND LAYING OF TRENCH WALLS SHOULD BE PROVIDED



DATE	REV	BY	CHKD	ISSUE
HEAD OFFICE: JALPAIGURI SUBJECT OF PROJECT:				SHEET NO. OF TOTAL SHEETS:
TE STANDARD SKETCH FOR TRENCH CROSS SECTION WITH PIPELINE				
RESONANCE ENERGY PVT. LTD.				SIZE: A3
DRAWING NUMBER:				SHEET NO. OF TOTAL SHEETS:
TEIND-STD-G-M-SC03				DRAWING NAME:

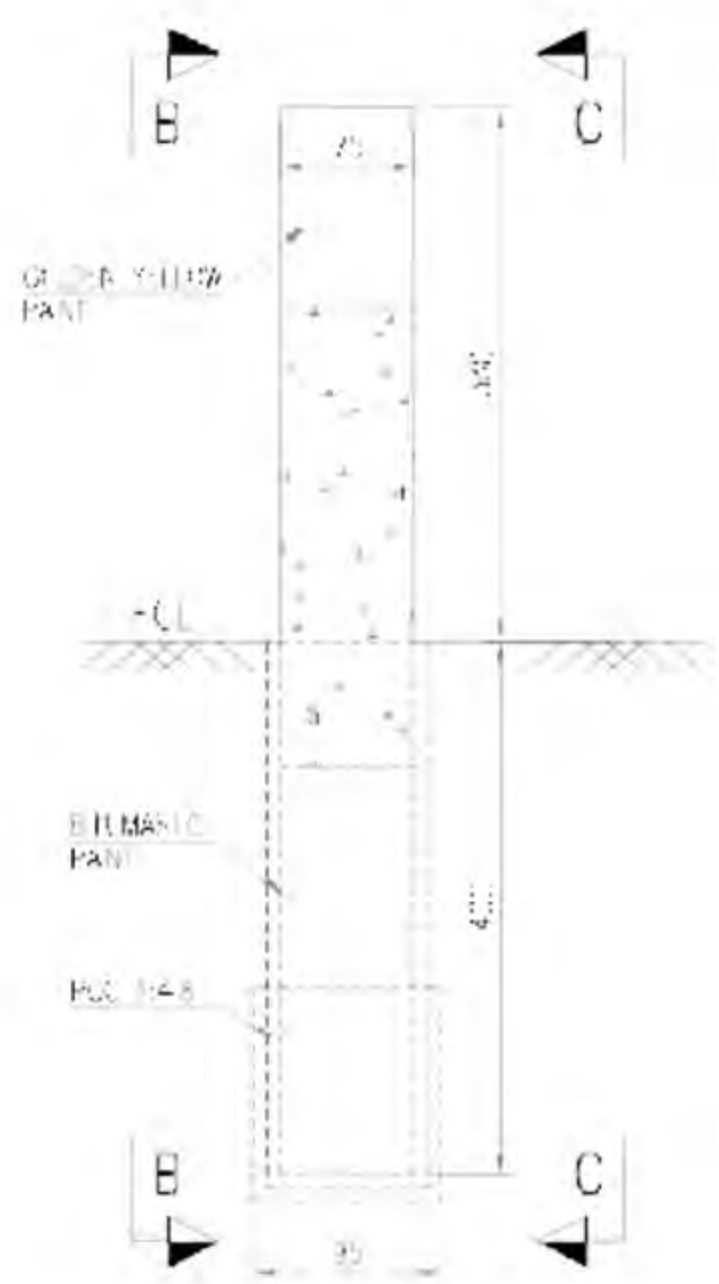
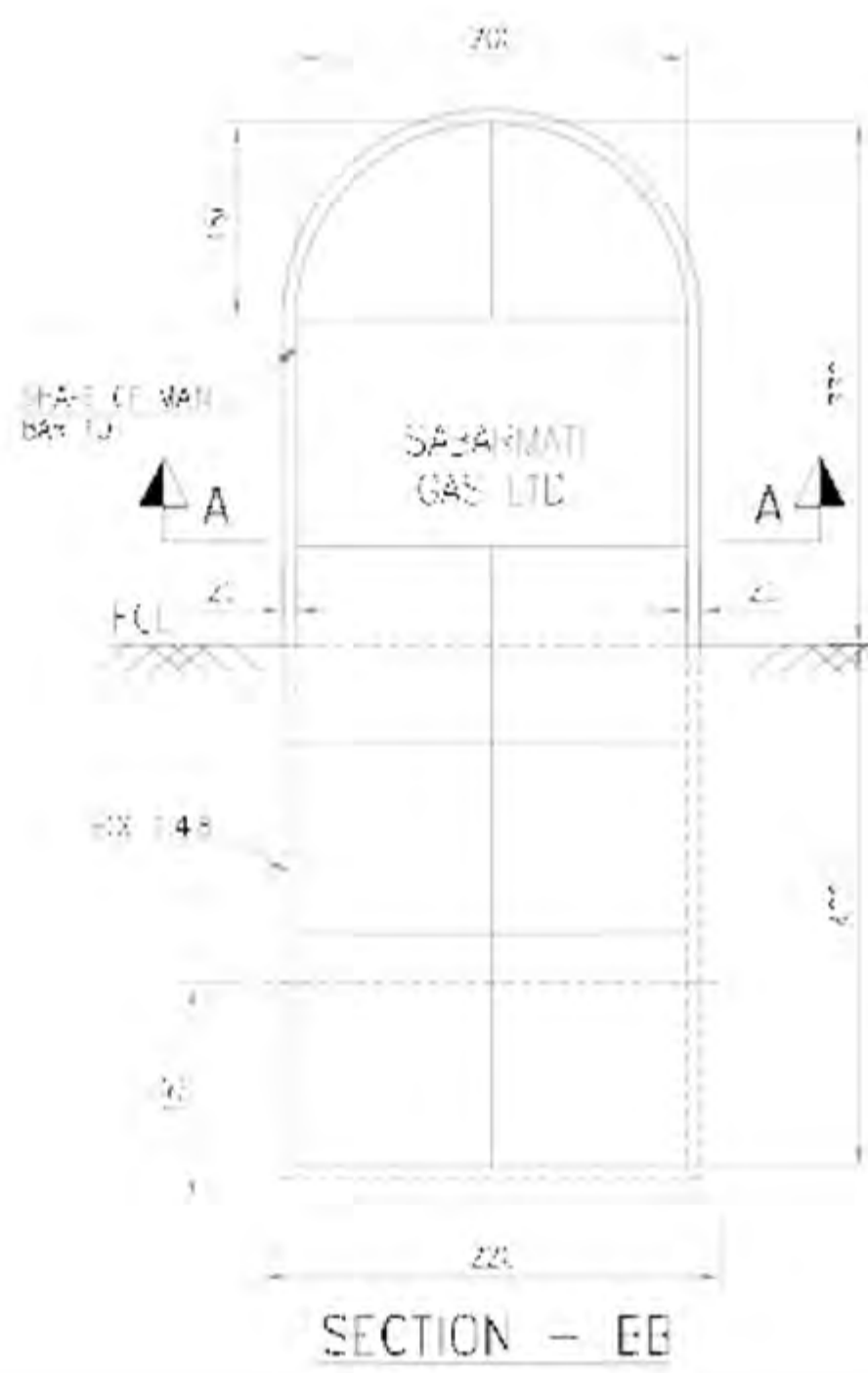
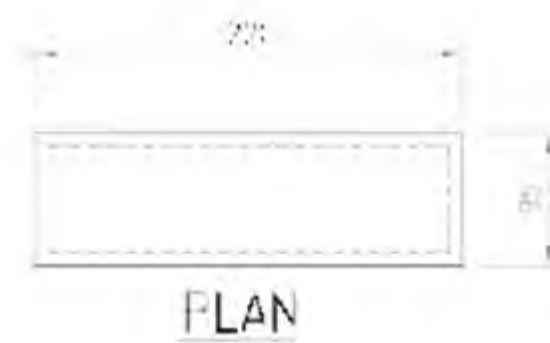
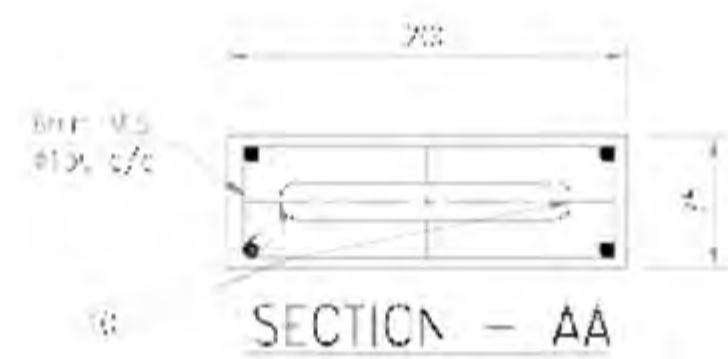


WRITING IN FRONT : DISTANCE
 WRITING IN LEFT : PIPE DIA
 WRITING IN RIGHT : GAS
 WRITING IN BACK : MO-E
 WRITING IN TOP : SC

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. PRE-CAST RCC (1:1.5:3) MARKER USING 8mm OR MS BARS.
3. EXCAVATION PIT SIZE 400mm x 400mm x 400mm (depth) AND FACING PCS IN POSITION (VERTICAL) AND REMAINING EXCAVATION PORTION TO BE FILLED WITH F.C.C. 1:3:6.
4. PAINT: WHOLE MARKER SHALL BE PAINTED WITH YELLOW COLOR AND LETTERS SHALL BE IN BLACK COLOR.
5. SMOOTH PLASTER SHALL BE DONE ON RECTANGULAR PORTION - 100x100x100mm.

DATE	BY	CHKD	APPD	SCALE	DATE
01/11/2015	PH	K	PH	SCALE: 1:1	01/11/2015
REV	DATE	BY	CHKD	APPD	SUBJECT OF REVISED
TITLE					
FE PIPELINE ROUTE MARKER : TYPE-A					
RESONANCE ENERGY PVT. LTD.					
DRAWING NUMBER					
LND-SD-CM-9004					



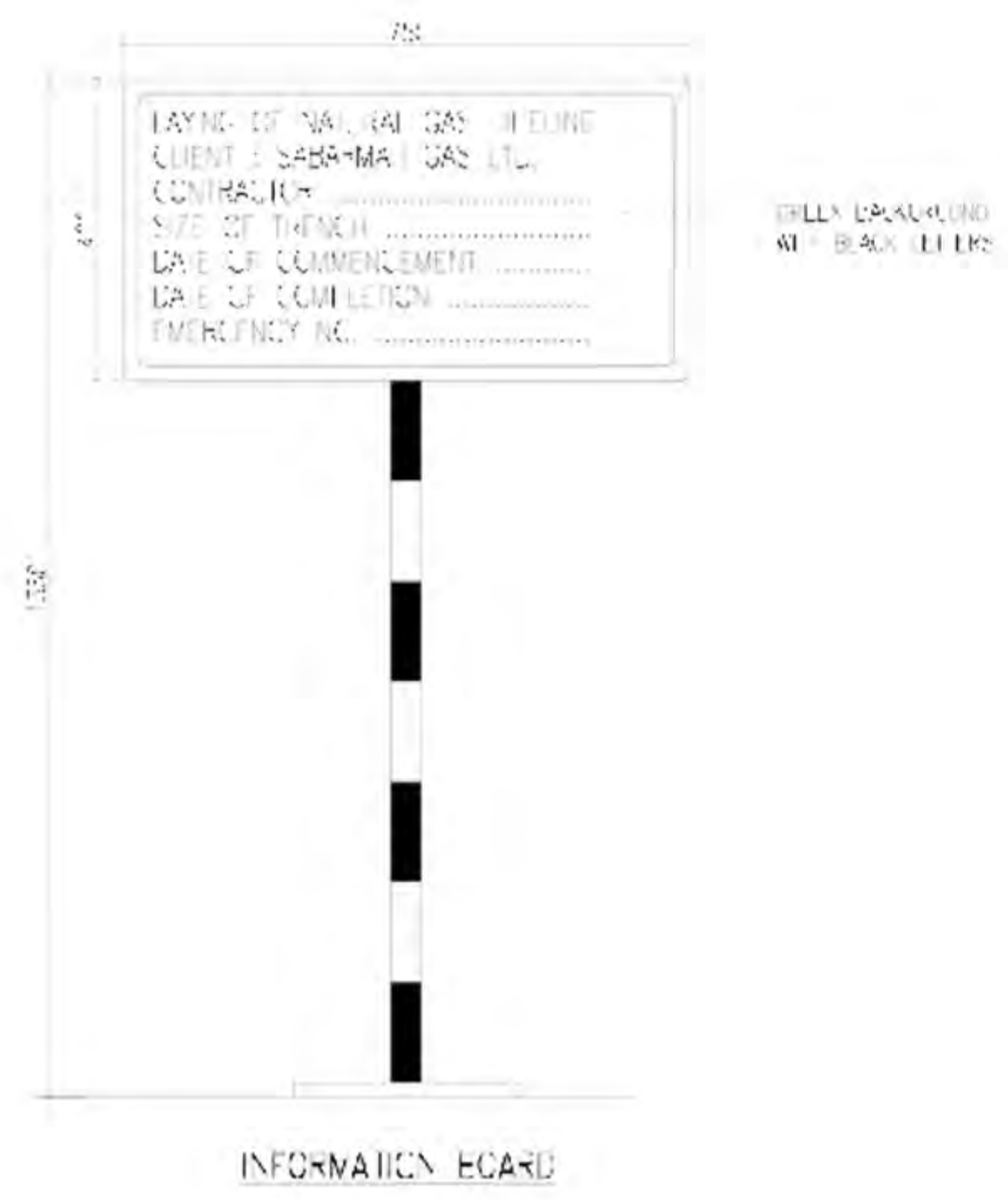
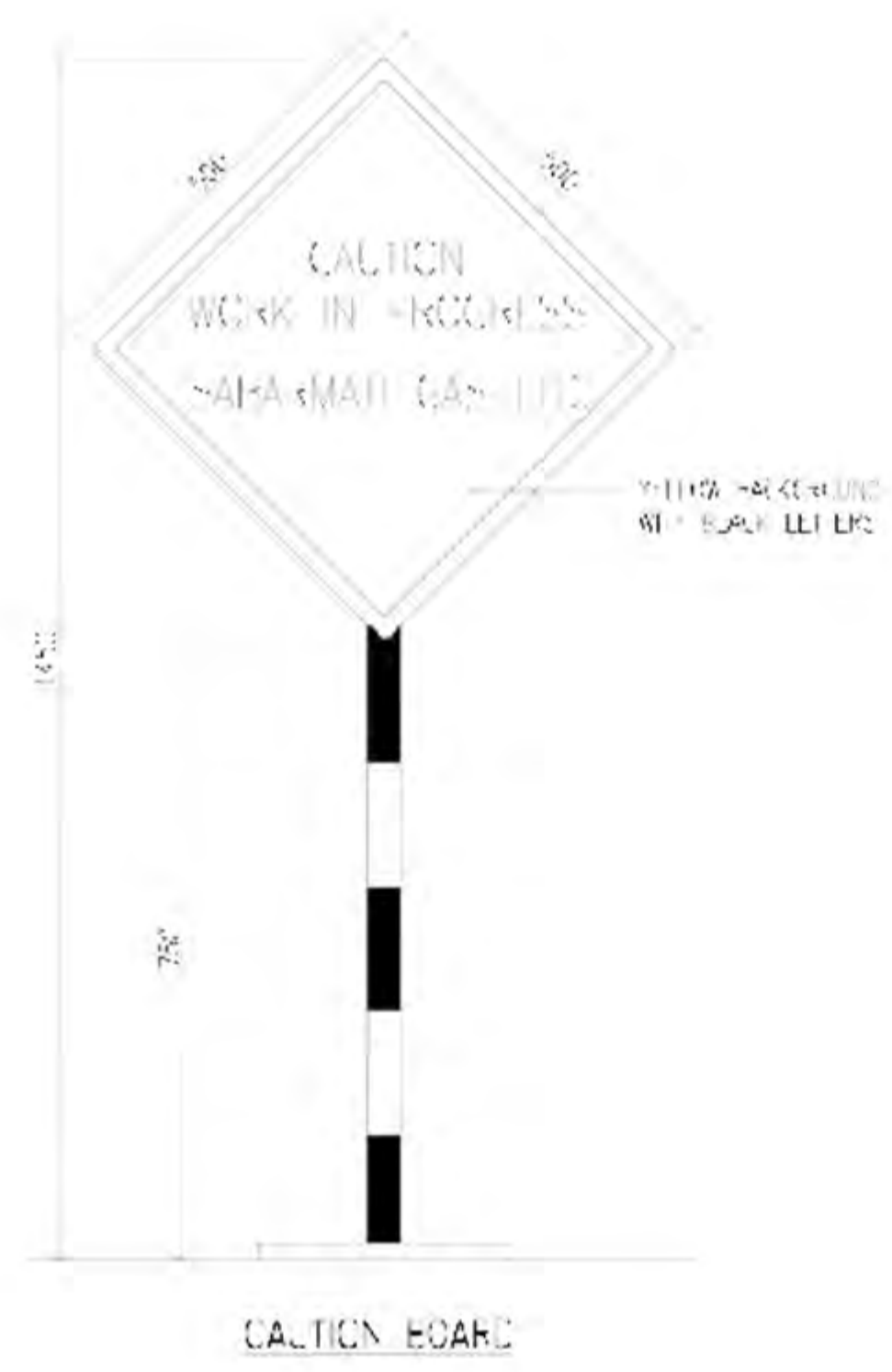
NOTES

- 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
- 2 BOUNDARY MARKERS SHALL BE INSTALLED AT THE BOUNDARY LINE ON EITHER SIDE AT 100M CENTER AND ALSO AT ALL CORNER POINTS AT THE END AND AS DIRECTED BY OWNER. BOUNDARY MARKERS SHALL PRIMARILY BE PLACED ON THE BOUNDS/BOUNDARY LINE AS
- 3 ALL BOUNDARY MARKERS SHALL BE PRECAST AND INSCRIPTIONS SHALL BE IN GRAY CENTRALLY IN THE MIDDLE ON THE FACE
- 4 LETTERS SHALL BE 30 HIGH AND 5 DEEP
- 5 INSCRIPTIONS SHALL FACE THE PIPE LINE
- 6 CONCRETE FOR BOUNDARY MARKERS SHALL BE M20
- 7 ABOVE GROUND PART OF BOUNDARY MARKERS SHALL BE PAINTED YELLOW WITH MIN. THREE COATS OF APPROVED QUALITY PAINT INSCRIPTIONS SHALL BE PAINTED BLACK
- 8 IN ADDITION OF THIS, USED GUIDELINE MUST BE COMPLIED WITH
- 9 THE MARKER SIZE OF MARKER SHALL HAVE FOLLOWING EXEMPTIONS STANDARD NO: IS: 2010

NO.	DATE	BY	CHKD	REVISION
1	20/08/20	AK	AK	ISSUE FOR RFP
2	11/09/20	AK	AK	ISSUE FOR APPROVAL
REV	DATE	BY	CHKD	REVISION
1	18/08/20	AK	AK	SUBJECT OF RFP/RFQ
TITLE: RCC ROUTE MARKER TYPE-B				
RESONANCE ENERGY PVT. LTD.				SCALE: 1:10
DRAWING NUMBER				SHEET 1 OF 1
TEIND-SID-G-M-SC05				

NOTES

- 1) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE
- 2) FOLLOW A4001 OF DIMENSIONING CONVENTION. DO NOT SCALE THE DIMENSIONS



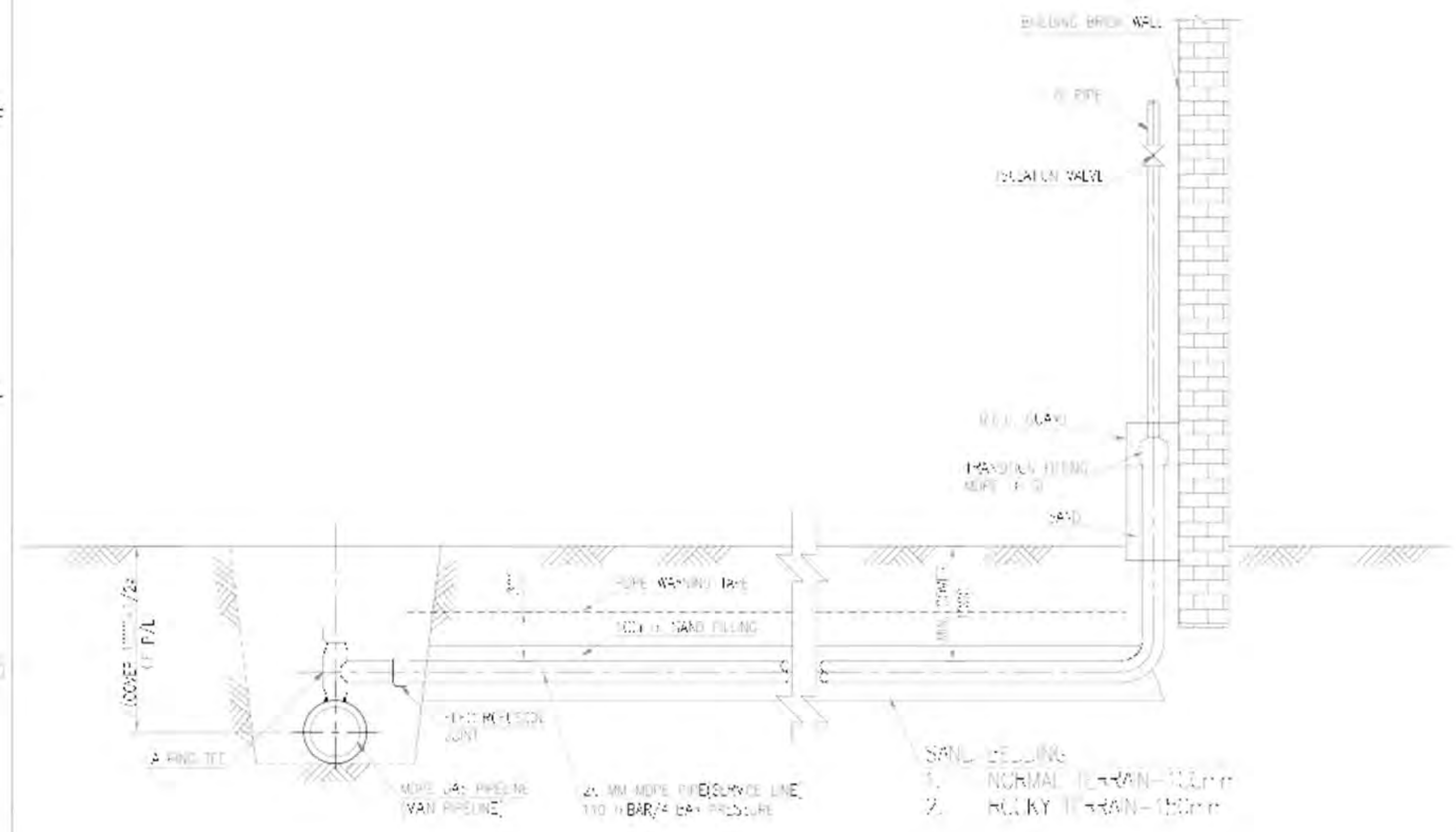
DATE	APP	REV	BY	ISSUE FOR
				ISSUE FOR
REV	DATE	BY	REASON	
REV	DATE	BY	REASON	

TITLE
CAUTION AND INFORMATION BOARD

RESONANCE ENERGY PVT. LTD. SIZE : A1 SCALE : NO SHEET : 1 OF 1
 DRAWING NUMBER
TE INC-STC-G-M-9006

NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE.
2. FOLLOW THE FIT DIMENSIONS (M.T.D. NO) SIZE.
3. FOR CLAMPING OF BRICK WALL USE SUITABLE WALL BRACKETS.
4. TRENCH BACK FILL TO BE FREE FROM STONES OR SHARP EDGED. CARE TO BE TAKEN WHILE COMPACTING BACK FILL TO AVOID DAMAGING PLASTIC PIPE.
5. THIS SKETCH IS INDICATIVE AND FINAL WORK WILL BE DECIDED BY ENGINEER-IN-CHARGE.



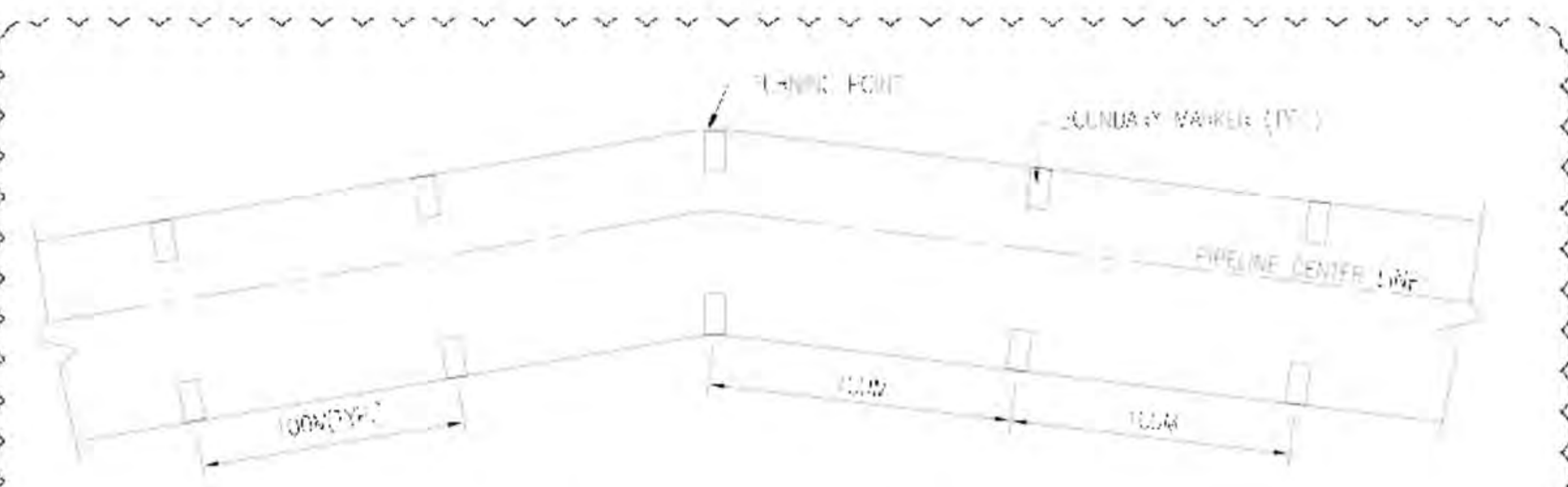
DATE	BY	CHKD	APPD	SCALE
22/05/20	AM	K	P	AS PER DWG
21/05/20	AM	K	P	ISSUED FOR APPROVAL
20/05/20	AM	K	P	SUBJECT OF REVISED
19/05/20	AM	K	P	APPROVED

**SCHEME OF GAS SUPPLY
GROUND CONNECTION**

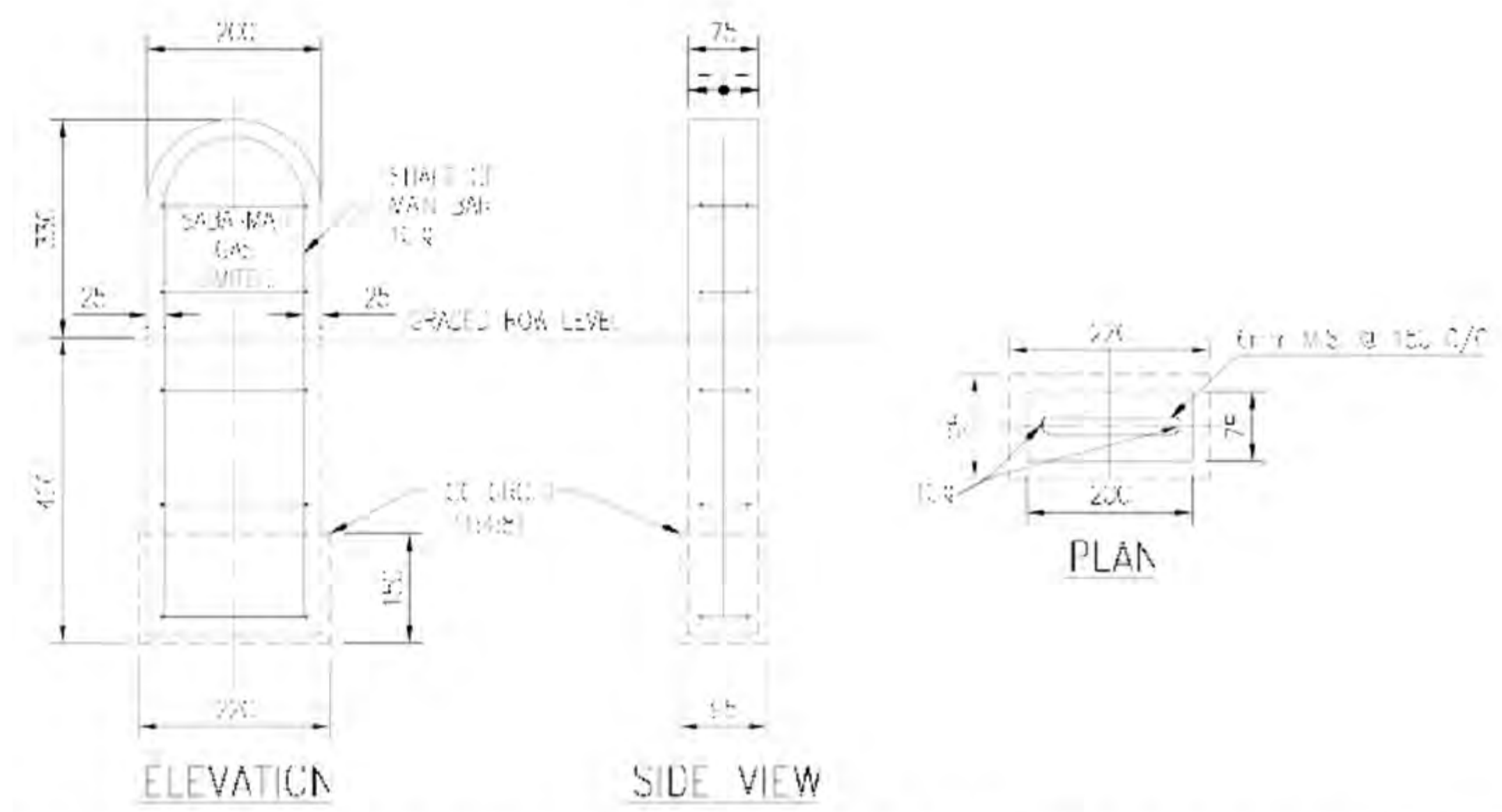
RESONANCE ENERGY PVT. LTD. SHEET NO: 1 OF 1
 DRAWING NUMBER: **TEINC-STD-G-M-900/1**

NOTES

- 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- 2 BOUNDARY MARKERS SHALL BE BROADCAST AT THE ROW LIMITS ON EITHER SIDE AT TURN POINTS AND ALSO AT ALL TURNING POINTS AS PER FIG AND AS DIRECTED BY OWNERS BOUNDARY MARKERS SHALL PREFERABLY BE PLACED ON THE BOUNDS/UNCLIP BOUNDARY.
- 3 ALL BOUNDARY MARKERS SHALL BE PRECAST AND INSCRIPTIONS SHALL BE ENGRAVED CENTRALLY IN THE MARKER ON THE FACE.
- 4 LETTERS SHALL BE 25 HIGH AND 5 DEEP.
- 5 INSCRIPTIONS SHALL FOLLOW THE PIPE LINE.
- 6 CONCRETE FOR BOUNDARY MARKERS SHALL BE M20.
- 7 50MM GROUND FILL OF BOUNDARY MARKERS SHALL BE PAINT YELLOW WITH MIN. THREE COATS OF APPROVED QUALITY PAINT INSCRIPTIONS SHALL BE PAINTED BLACK.
- 8 BY ADDITION TO THIS, USED SUBSTANCE MUST BE COMPLETELY WASHED OFF THE SURFACE OF MARKER SHALL HAVE FOLLOWING BE ENGRAVED: EMERGENCY NO : 911, 222, 2210.



LOCATION PLAN OF BOUNDARY MARKER



ELEVATION

SIDE VIEW

PLAN

DELETED

NO.	REV.	DATE	BY	CHKD.	DESCRIPTION

1 OF 1

TYPICAL ROW BOUNDARY MARKER

RESONANCE ENERGY PVT. LTD.

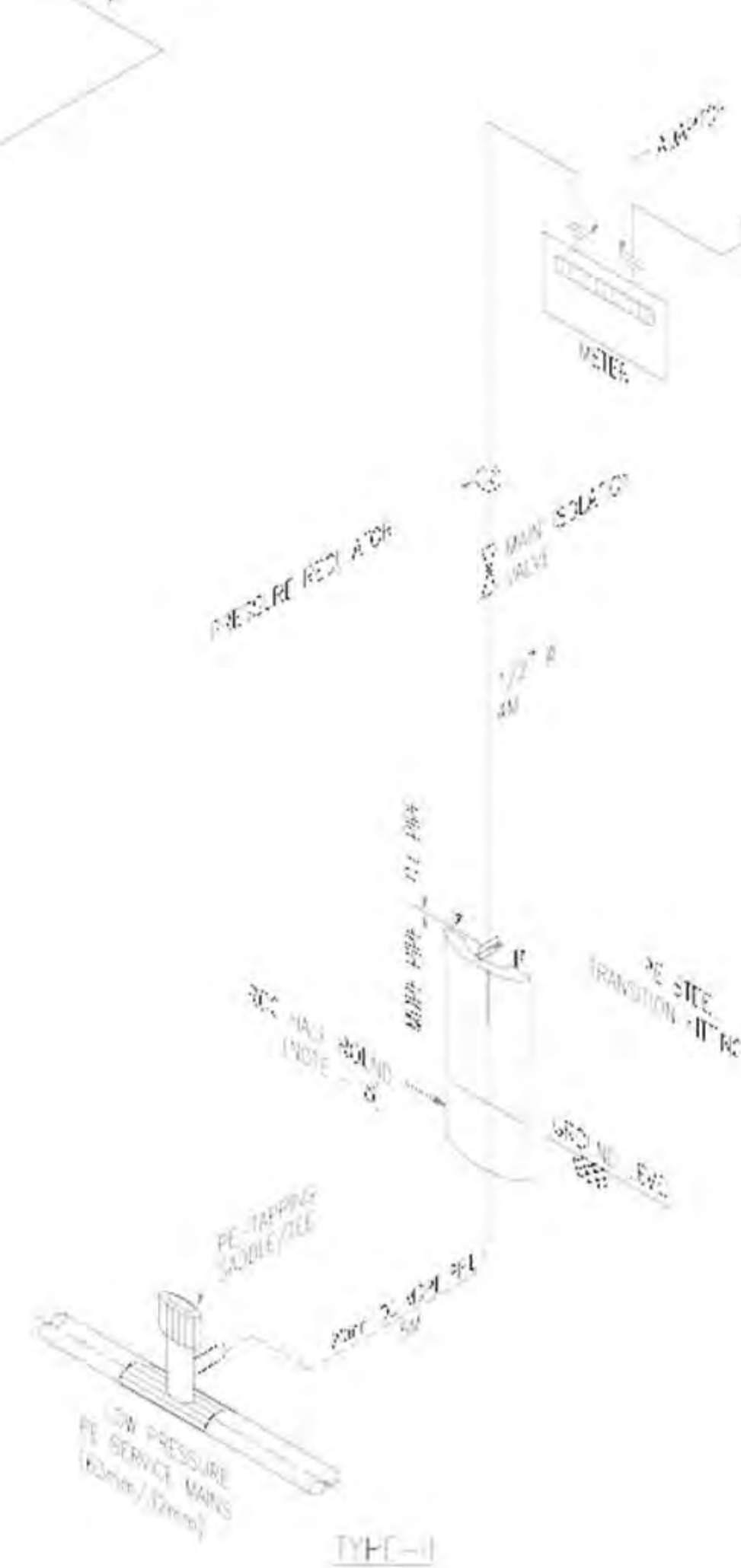
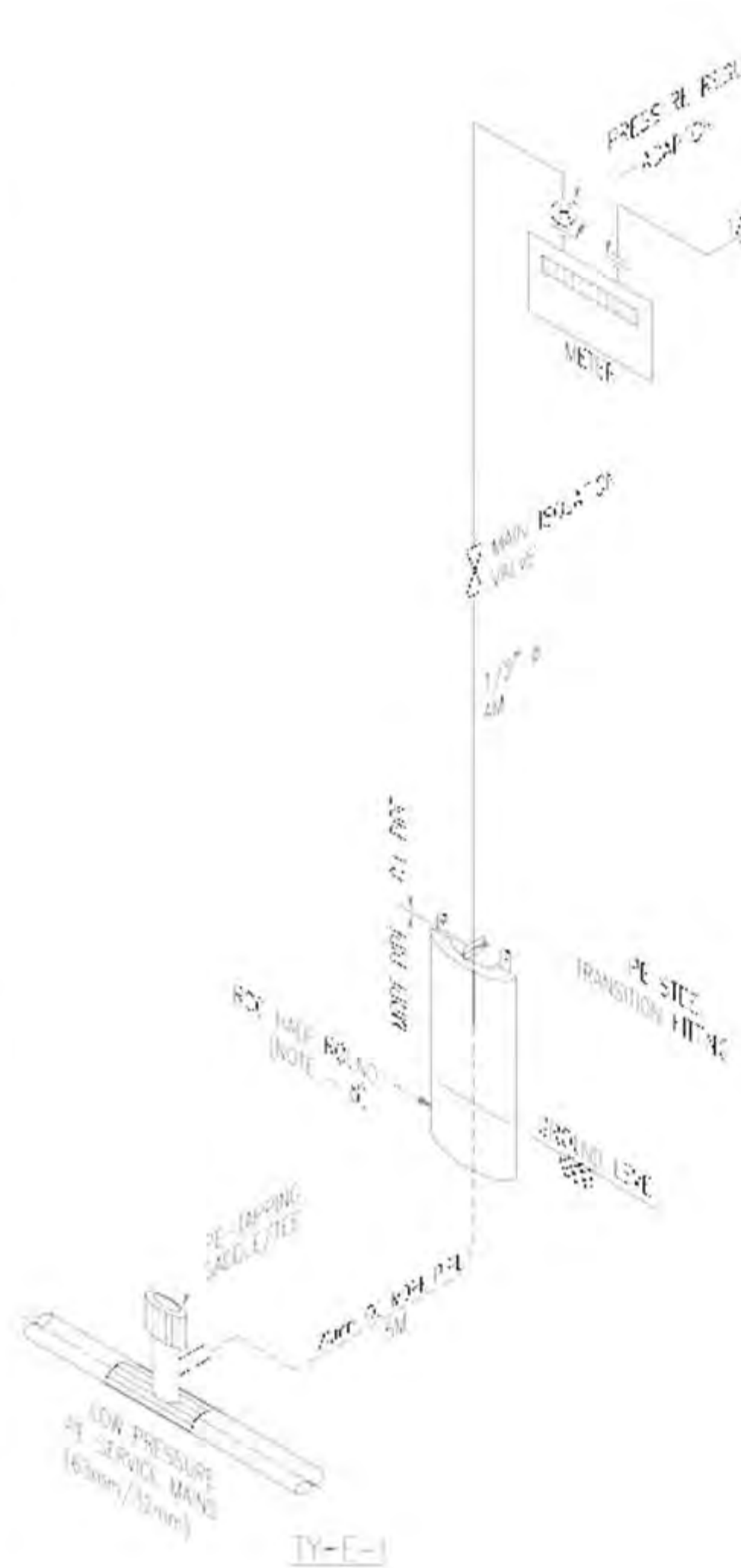
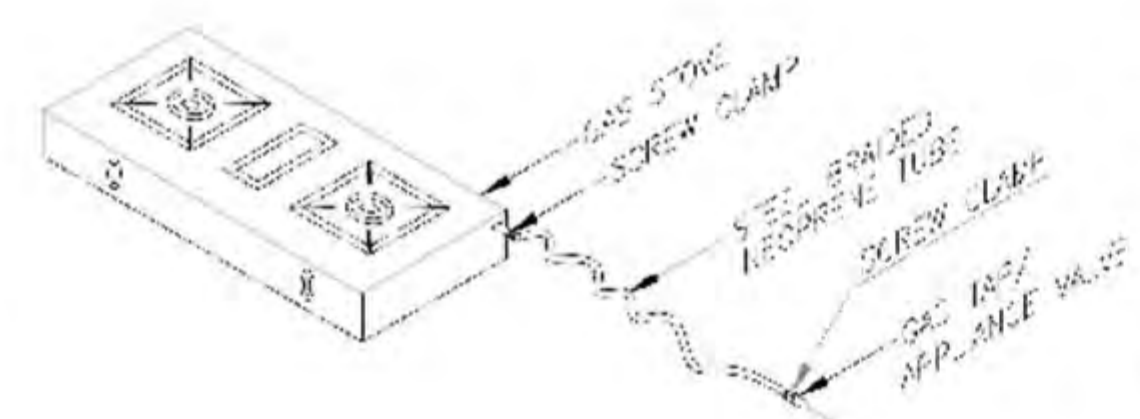
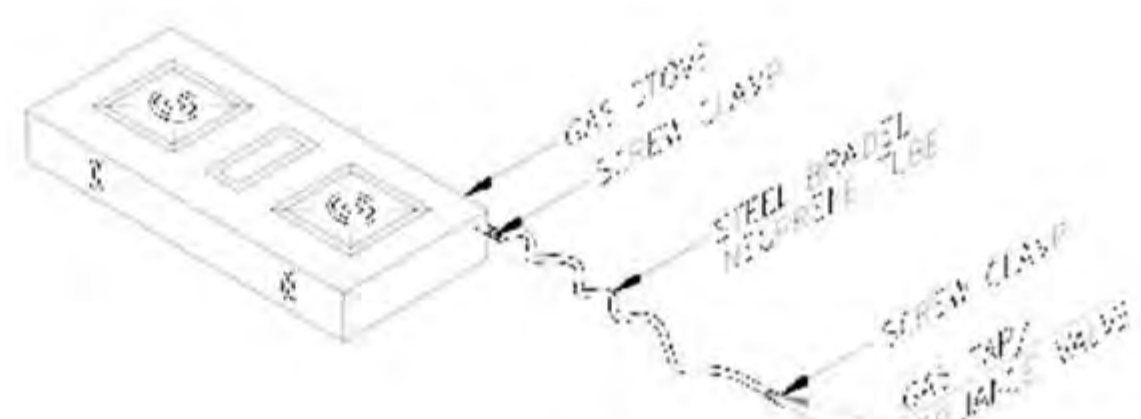
SITE : AC/SCALE : N2 | SHEET : 1 OF 1

DRAWING NUMBER

TEIND-STG-G-M-9008

NOTES

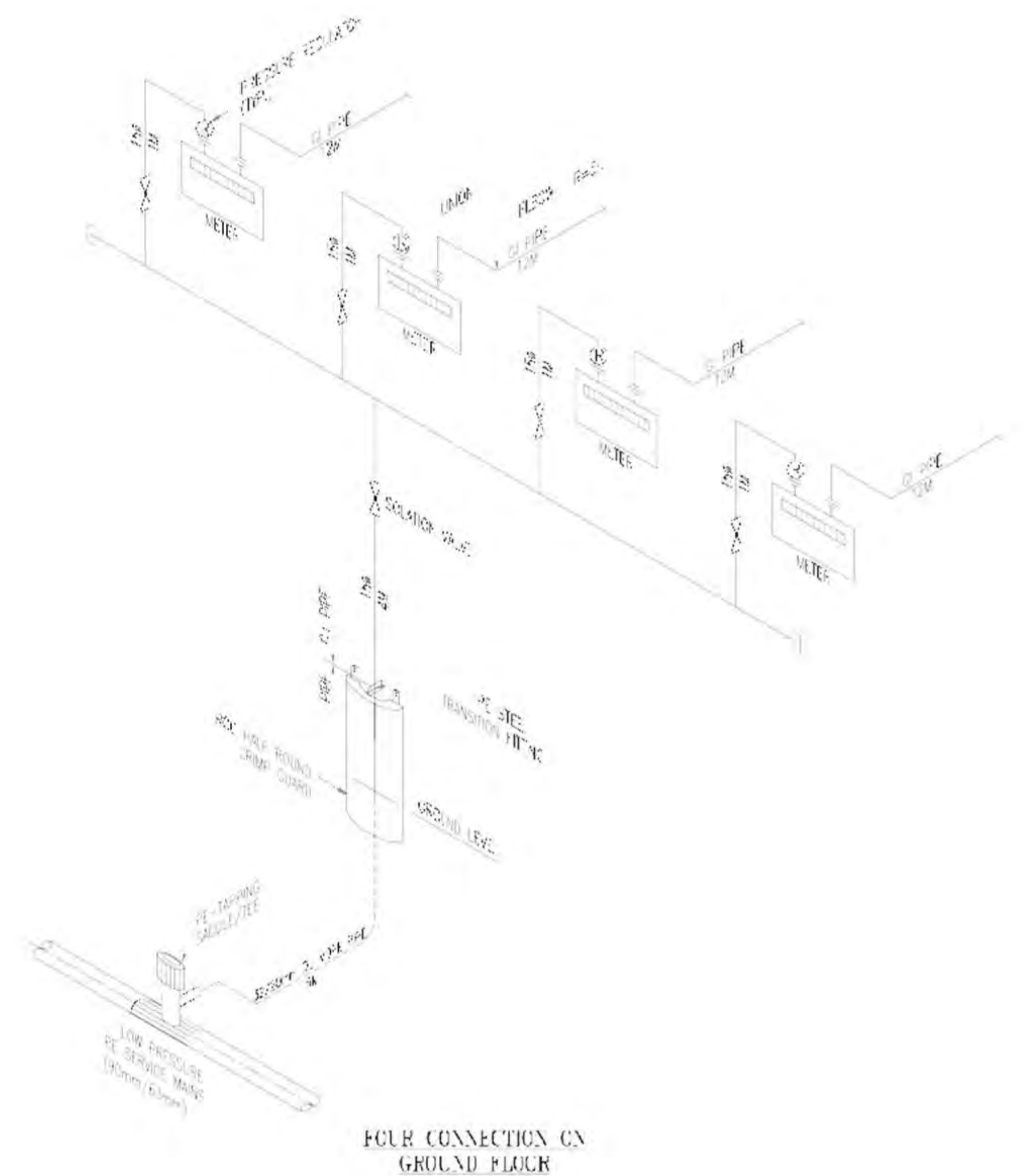
- 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
- 2 THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE IT SHALL BE DECIDED DURING THE ENGINEERING
- 3 PIPING DOWN TO NEAR VALVES SHALL BE OF GALV. CASE METAL IS INSTALLED WITHIN THE RITCHER.
- 4 TENTATIVE SIZES FROM GUILLET OF TRANSITION FITTING TO GUILLET OF SOLAR VALVE SHALL BE 1.5M, ANY CHANGES IN PIPE LENGTH SHALL BE WITH APPROVAL FROM E.C.C.
- 5 GAS INSTALLATION/WHEN INSTALLATION SHALL BE DONE BY LICENSED/COMPETENT REPRESENTATIVE AS PER THE REGULATIONS
- 6 THE GUILLET OF VALVE OF GAS PIPE SHALL BE THE APPLIANCE VALVE TAP OFF FITTING SHALL BE USED AT THE GUILLET THE VALVE
- 7 MAXIMUM DISTANCE BETWEEN CLAMPS SHALL BE 1.5M WHEN PIPE GOES IN THE SLOPE LENGTH, IF ANY OF OR ANY FITTING IS IN BETWEEN THE PIPE CLAMP SHALL BE PLACED IN MAXIMUM FROM CENTER LINE OF FITTING AT EVERY SIDE FROM THE SAME WAY OF CHANGE AS PER THE REGULATIONS
- 8 HALF BRAND VALVE CLAMP INSTALLATION SHALL BE DONE AS PER THE REGULATIONS



NO.	REV.	DATE	BY	CHKD.	DESCRIPTION
1	1				ISSUE FOR RFP
2	1				ISSUE FOR APPROVAL
REV.	DATE	BY	CHKD.	DESCRIPTION	SUBJECT OF REVISED
TYPICAL INDIVIDUAL DOMESTIC CONNECTION LAYOUT OF NG DISTRIBUTION					
RESONANCE ENERGY PVT. LTD.				SCALE: 1:10	SHEET 1 OF 1
DRAWING NUMBER					
TEIND-STD-G-M-9010					

NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2. THE SIZES SHOWN IN THE DRAWING ARE TENTATIVE, IT SHALL BE DECIDED DURING DE AL ENGINEERING
3. TENTATIVE METER LEAD L (FROM COUPLER OF TRANSITION FITTING TO INLET OF ISOLATION VALVE) SHALL BE 1.5m, ANY CHANGES IN ROOM LAYOUT SHALL BE WITH APPROVAL FROM DE AL
4. GC INSTALLATION/MEP INSTALLATION SHALL BE DECIDED BY OWNER/OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS
5. MAXIMUM DESIGN FLOW RATE SHALL BE 1.5LPM WITH PIPE SIZE IN THE 25mm TO 40mm RANGE, IN ANY CASE OF ANY FITTING IS TO BE KEPT THE 25mm TO 40mm RANGE, IN CASE OF ANY FITTING IS TO BE KEPT THE 25mm TO 40mm RANGE, IN CASE OF ANY FITTING IS TO BE KEPT THE 25mm TO 40mm RANGE
6. HALF ROUND GUARD SHALL BE KEPT AT THE APPROVAL OF OWNER/OWNER'S REPRESENTATIVE AS PER SITE CONDITIONS
7. THE COUPLER OF THE APPROVAL SHALL BE KEPT AT THE GROUND FLOOR



FOUR CONNECTION ON GROUND FLOOR

NO.	REV.	DATE	BY	CHKD.	DESCRIPTION
1	AS PER				ISSUE FOR RFP
2	AS PER				ISSUE FOR APPROVAL
REV.	DATE	BY	CHKD.	DESCRIPTION	SUBJECT OF REVISED

PROJECT: TYPICAL DOMESTIC CONNECTION LAYOUT OF NG DISTRIBUTION

RESONANCE ENERGY PVT. LTD. SITE: [] SLAB: [] NO: [] SHEET: [] OF []

DRAWING NUMBER: TEIND-STD-G-M-9011

