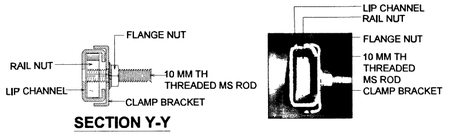
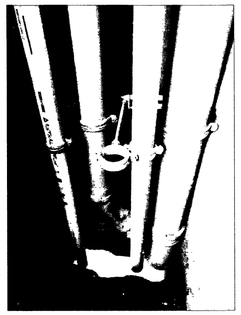
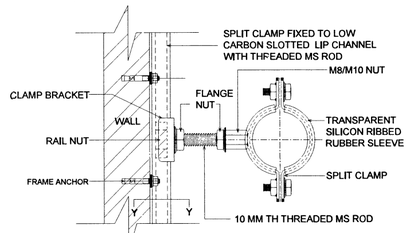
5 DETAILS OF LIP CHANNEL SYSTEM



SECTION Y-Y

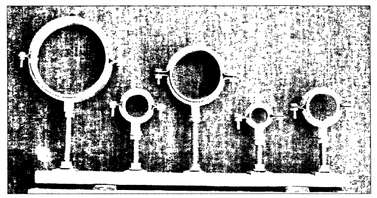


FIXING DETAILS OF SINGLE ROD VERTICAL PIPE SUPPORTING WITH LIP CHANNEL AT SITE



PLAN

PLAN OF SINGLE ROD WITH SPLIT CLAMP PIPE FIXTURE

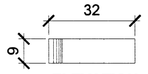


LIP CHANNEL SYSTEM WITH SPLIT CLAMP FOR VERTICAL PIPE SUPPORT SYSTEM (D)

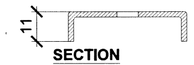
6 DETAILS OF SLOTTED LIP CHANNEL

LEGEND

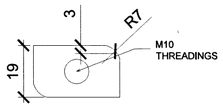
SER.NO	DESCRIPTION	TYPE
1	SINGLE ROD PIPE FIXTURE	D
2	SLOTTED LIP CHANNEL	E
3	RAIN WATER BRACKET	F
4	MONO BRACKET	G



ELEVATION

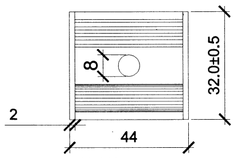


SECTION



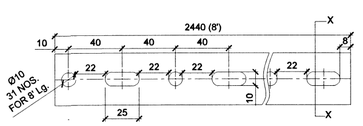
PLAN

RAIL NUT

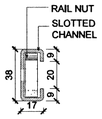


PLAN

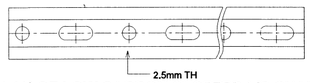
CLAMP BRACKET



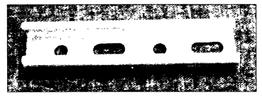
PLAN OF LOW CARBON SLOTTED LIP CHANNEL (OTHER SIDE)



SECTION X-X



PLAN OF LOW CARBON SLOTTED LIP CHANNEL



LOW CARBON SLOTTED LIP CHANNEL - (E)

GENERAL NOTES:-

1. 'P' NOTIFYING THE DIMENSION OF THE CLAMPS AS SHOWN IN THE DRAWINGS SHALL VARY AS PER OUTER DIA (OD) OF THE PIPES.
2. THE CLAMPS AND FIXTURES TO BE USED FOR PIPE SUPPORTING PLUMBING SOLUTIONS SHALL BE CONFIRMED WITH OUTER DIA (OD) OF PIPES AND FOR ALL THE FIXING DETAILS OF THIS DRAWING SHALL BE REFERRED.
3. THE COATING OF ZN - AL (ZINC ALUMINIUM FLAKE) ON ALL CLAMPS WOULD BE OF 15-18 MICRON PROVIDING 600 HRS SALT SPRAY TEST (SST). (TEST METHOD : ASTM B-117-2019).
4. (i) THE ANCHOR FASTENER WHICH IS BEING USED FOR FIXING SUSPENSION CLAMPS / HANGER CLAMPS AND SHALL BE FIXED IN THE BOTTOM OF RCC SLAB / BEAM ,

   (ii) IT IS MANDATORY TO PENETRATE ANCHOR FASTENER IN A DEPTH OF MINIMUM 25MM IN RCC MEMBER FOR RIGID MOUNTING OF THE CLAMP.
5. (i) THE THREADED ROD OF 10 MM WOULD BE OF MAXIMUM UP TO 2 METER LENGTH.

   (ii)THE LENGTH OF ROD OF SPLIT CLAMPS SHALL VARY AS PER THE SITE CONDITIONS OR DESIGN REQUIREMENT.

SPLIT CLAMP

SPLIT CLAMP OF LOW CARBON DEEP DRAWN COLD ROLL (CR) STEEL (IS 513 DD) OF REPUTED MAKE WHICH IS RIBBED AND WITH TRANSPARENT RIBBED SILICON RUBBER OF 2 MM THICKNESS AND WITH ZN - AL (ZINC ALUMINIUM FLAKE) ANTI CORROSIVE COATING SHALL BE AS SHOWN IN DRAWING. ALSO AVAILABLE IN STAINLESS STEEL (SS) MATERIAL.

LOW CARBON SLOTTED LIP CHANNEL (E)

SLOTTED LIP CHANNEL OF LOW CARBON DEEP DRAWN HOT ROLL GAUGE CORRECTED (HRGC) STEEL (IS 1079 DD) WITH HOT DIP GALVANIZING (IS 2629) + ZN - AL FLAKE COATED SHALL BE AS SHOWN IN DRAWING.

CLAMP BRACKET

CLAMP BRACKET OF LOW CARBON DEEP DRAWN HOT ROLLED GAUGE CORRECTED (HRGC) STEEL (IS1079 DD) WITH RIBS & AMP ; ZN - AL (ZINC ALUMINIUM FLAKE) COATED SHALL BE AS SHOWN IN DRAWING.

RAIL NUT

RAIL NUT OF LOW CARBON DEEP DRAWN STEEL WITH ZN - AL (ZINC ALUMINIUM FLAKE) COATED SHALL BE AS SHOWN IN DRAWING.

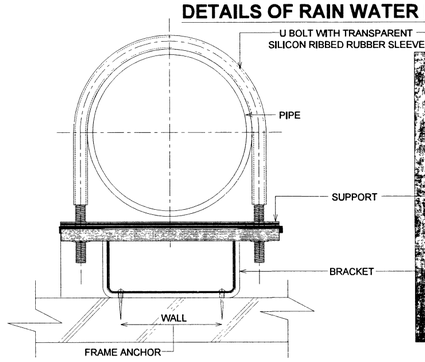
RAIN WATER BRACKET (F)

RAIN WATER BRACKET OF LOW CARBON HOT ROLL GUAGE CORRECTED (HRGC) STEEL (IS 1079DD) HOT DIP GALVANSING (IS 2629) + ZN - AL (ZINC ALUMINIUM FLAKE) COATED WITH RIBBED SUPPORT SHALL BE AS SHOWN IN DRAWING. CUSTOMIZED SIZE AVAILABLE AS PER SITE REQUIREMENT.

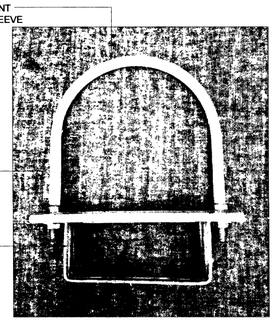
MONO BRACKET (G)

MONO BRACKET OF LOW CARBON HOT ROLL GAUGE CORRECTED (HRGC) STEEL (IS1079DD) WITH HOT DIP GALVANSING (IS 2629) + ZN - AL (ZINC ALUMINIUM FLAKE) COATED SHALL BE AS SHOWN IN DRAWING.

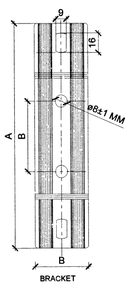
7 DETAILS OF RAIN WATER BRACKET

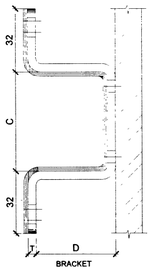


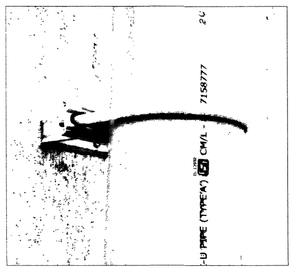
PLAN OF RAIN WATER BRACKET WITH SUPPORT



RAIN WATER BRACKET WITH SUPPORT







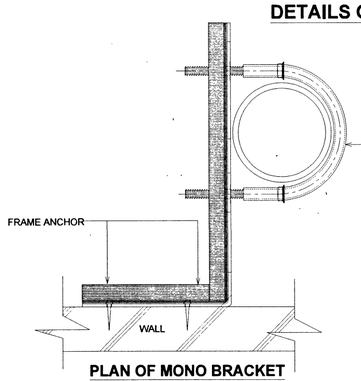
INSTALLATION OF RAIN WATER BRACKET WITH SUPPORT AT SITE

NOTE:- A, B & C VARY AS PER Ø OF PIPE TO BE USED.

PIPE TYPE	BRACKET DIM	PIPE SIZE	PIPE OD	D	A ± 1.0	C ± 1.0
	B x T ± 0.5	Inch	mm	Inch	mm	mm
SWR	32 x 3	6"	160	3"	192	120
SWR	32 x 3	4"	110	3"	140	78

RAIN WATER BRACKET (F)

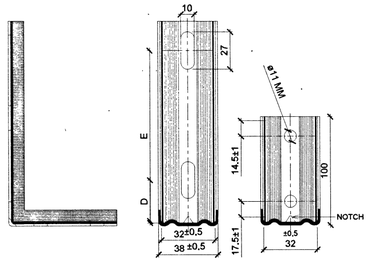
8 DETAILS OF MONO BRACKET



PLAN OF MONO BRACKET

FOR SINGLE PIPE (SOIL PIPE, WASTE PIPE, WATER SUPPLY PIPES)

MONO BRACKET



ELEVATIONS OF MONO BRACKET

NOTE:- A,D & E VARY AS PER Ø OF PIPE TO BE USED FOR PIPES.

PIPE TYPE	BRACKET DIM	PIPE SIZE	PIPE OD	D	A ± 2.0	E ± 1.0
	B x T ± 0.5	Inch	mm	Inch	mm	mm
CPVC	32 x 3	1½	33	1	100	47

INSTALLATION OF MONO BRACKET AT SITE

MONO BRACKET (G)

No.	DESCRIPTION	Date	SIGN

REVISION

FACTORY MADE PIPE SUPPORTING SYSTEM

DETAILS OF LIP CHANNEL SYSTEM, SLOTTED LIP CHANNEL, RAIN WATER BRACKET AND MONO BRACKET

DATE	23-10-2023	CHIEF ENGINEER PUNE ZONE	SHT NO 2/4
DRN	SUB SANTOSH		
TCD			
CKD			
SCALE		DRG NO:- CEPZ/2023/TD/ 03	

AAD (ARCH)	DY DIR (ARCH)	DIR (ARCH) FOR CHIEF ENGINEER

F:\2023-SUB RAKESH\TD DRGS-CAD-CEPZ\PIPE SUPPORTING SYSTEM FOR CEPZ\TD PIPES SUPPORTING FOR CE PZ