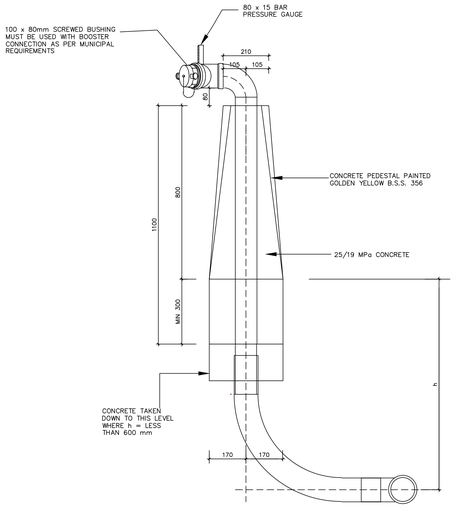
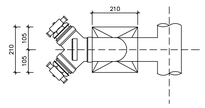
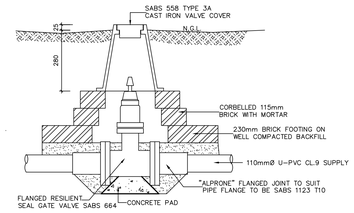
X-REF :Model files attached



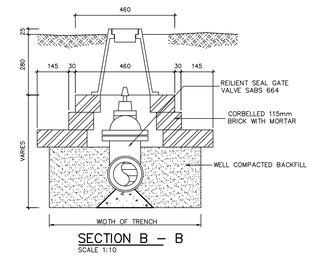
ELEVATION OF BOOSTER CONNECTION
SCALE 1:10



PLAN VIEW OF BOOSTER CONNECTION
SCALE 1:10



SECTION A – A
SCALE 1:10



SECTION B – B
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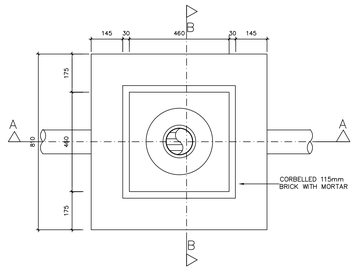
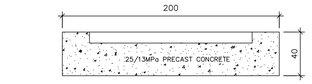
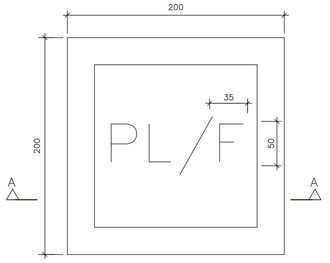


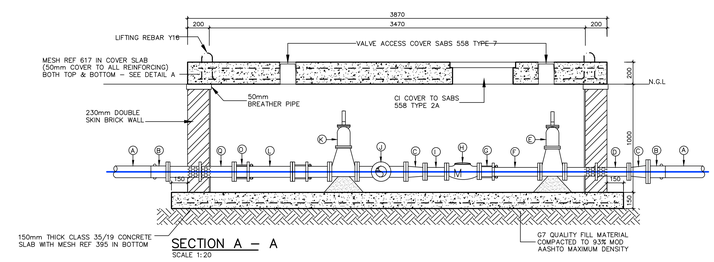
VALVE BOX – PLAN VIEW
SCALE 1:10



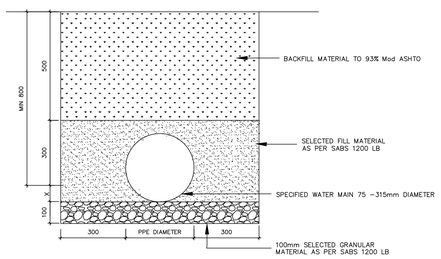
SECTION A – A
SCALE 1:2



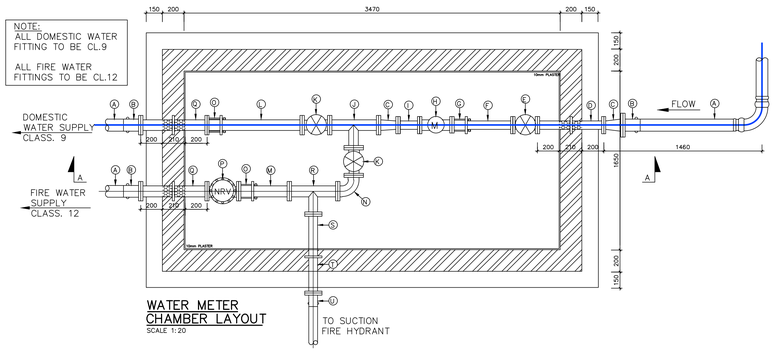
PIPE MARKER – PLAN & LETTERING DETAIL
SCALE 1:2



SECTION A – A
SCALE 1:20

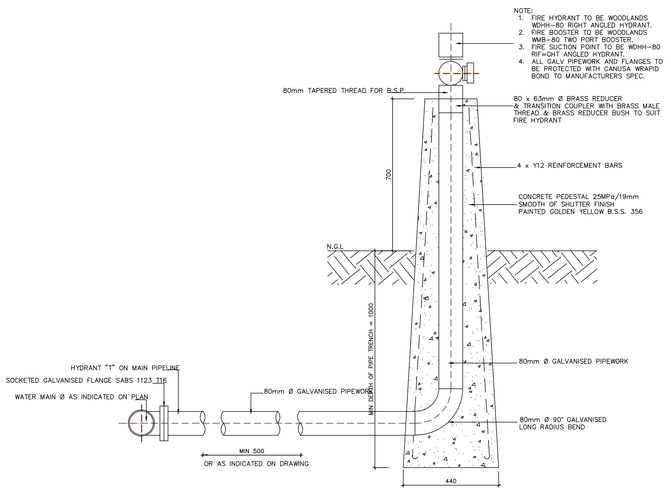


TYPICAL WATER PIPE TRENCH EXCAVATION
SCALE 1:10



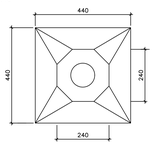
WATER METER CHAMBER LAYOUT
SCALE 1:20

ITEM NO.	DESCRIPTION	QUANTITY
A	110mm Ø U-PVC WATER PIPE	N/A
B	110mm Ø U-PVC FLANGED ADAPTOR	3
C	100 x 80mm STEEL REDUCER, FLANGED ON BOTH SIDES	3
D	80mm Ø PUDDLE PIPE FLANGED ON BOTH SIDES, WITH TOTAL LENGTH = 670mm FLANGE TO FLANGE	1
E	80mm Ø AVK RSV GATE VALVE WITH SPINDLE	1
F	80mm Ø DISTANCE PIECE PIPE FLANGED ON ONE SIDE, WITH LENGTH = 500mm FLANGE TO OPEN END	1
G	80mm Ø VJ FLANGE ADAPTOR	1
H	80mm Ø FLANGED SENSUS MEISTREAM COMBINATION WATER METER	1
I	80mm Ø DISTANCE PIECE PIPE FLANGED ON BOTH SIDE, WITH LENGTH = 200mm FLANGE TO FLANGE	1
J	100 x 100mm Ø EQUAL T-PIECE. FLANGES ON ALL ENDS	1
K	100mm Ø AVK RSV GATE VALVE WITH SPINDLE	2
L	100mm Ø DISTANCE PIECE PIPE FLANGED ON ONE SIDE, WITH LENGTH = 260mm FLANGE TO OPEN END	1
M	100mm Ø DISTANCE PIECE PIPE FLANGED ON ONE SIDE, WITH LENGTH = 300mm FLANGE TO OPEN END	1
N	100mm Ø 90° BEND, FLANGED ON BOTH ENDS	1
O	100mm Ø VJ FLANGE ADAPTOR	2
P	100mm Ø SWING TYPE NON-RETURN VALVE OPERATING PRESSURE 16 BAR.	1
Q	100mm Ø PUDDLE PIPE FLANGED ON BOTH SIDES, WITH TOTAL LENGTH = 670mm FLANGE TO FLANGE	2
R	100 x 80mm Ø UNEQUAL T-PIECE. FLANGES ON ALL ENDS	1
S	80mm Ø PUDDLE PIPE FLANGED ON BOTH SIDES, WITH TOTAL LENGTH = TO BE DETERMINED ON SITE	1
T	75 mm VJ FLANGED ADAPTOR	1
U	75mm Ø UPVC FIRE WATER PIPE	N/A



NOTE:
1. SUPPLY EACH SITE WITH THREE HYDRANT KEYS
2. TOP OF PEDESTAL OCTAGONAL WITH SIDES 100mm EACH
3. ALL BELOW GROUND GALVANISED STEEL PIPE WORK DENSO WRAPPED

DETAIL OF SINGLE FIRE HYDRANT/SUCTION CONNECTION POINT
SCALE 1:10



PLAN VIEW OF FIRE HYDRANT/SUCTION CONNECTION POINT
SCALE 1:10

Job No.	Discipline	Type	Drawing No.	Revision

Note:
Do not scale from this drawing. Check all given dimensions and site dimensions and/or levels prior to any pricing, manufacture or construction of any item.
Greater detail drawings take preference.
Please report any discrepancies to the architect.

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Location Diagram

Rev	Drn	Description	Date

FOR TENDER

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PROFESSIONAL TEAM

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Architect:

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Tenant:

DAIMLER TRUCKS SOUTH AFRICA

Erf No:

Client:

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Project Name

DAIMLER TRUCKS SOUTH AFRICA ZONE 1A

Drawing Title

WATER, FIRE AND DOMESTIC SUPPLY DETAILS

Drawing Originator: HSC CONSULTING

Checked By	Checked Date	Drawn By	Drawn Date
BG	13/05/2025	NB	13/05/2025
Approved By	Approval Date	ECSA Number	
BG	13/05/2025	201270397	
Building Grid Reference		Scale	AS-SHOWN

Job No.	Discipline	Type	Drawing No.	Revision
P2434	CIVIL	APPROVAL	CD01	0