PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

DETAIL - A

INTERNAL HYDRANT RISER DETAIL

TYPICAL DETAIL FOR SINGLE HEADED HYDRANT ON UNDERGROUND PIPE

TYPICAL DETAILS OF OUTDOOR MOUNTING HOSE CABINET

LEGEND

	GATE VALVE (NORMALLY OPEN)
	GATE VALVE (NORMALLY CLOSED)
	GLOBE VALVE
	CHECK VALVE
	PRESSURE RELIEF VALVE
	REDUCER (RED)
	EXTERNAL HYDRANT (EH)
	HYDRANT LINE
	HVWS LINE
	FIELD MOUNTED INSTRUMENT
	PANEL MOUNTED INSTRUMENT
	HOSE REEL
	NORMALLY CLOSED
HVSN	HIGH VELOCITY SPRAY NOZZLE
HVWS	HIGH VELOCITY WATER SPRAY
WP	WATER PUMP
CP	CONTROL PANEL
DV	DELUGE VALVE
LE	LEVEL ELEMENT (ULTRASONIC)
LT	LEVEL TRANSMITTER
LI	LEVEL INDICATOR
PI	PRESSURE INDICATOR
M	MOTOR DRIVE
DE	DIESEL ENGINE
TYP.	TYPICAL
NC	NORMALLY CLOSED
	'Y' STRAINER
	REDUCER (RED)
	ORIFICE PLATE
	INTERNAL HYDRANT (IH)
	BLIND FLANGE

NOTES

1. ALL DIMENTIONS ARE IN MILLIMETRES AND ELEVATION IN METRES UNLESS OTHERWISE NOTED.

ENGINEERING REFERENCE DRAWINGS

	SIGN.												
	INITIALS												
	REVISIONS												
	SIGN.												
	INITIALS												
	REVISIONS												
	SIGN.												
	INITIALS												
	REVISIONS												
	SIGN.												
	INITIALS												
	REVISIONS												
	SIGN.												
	INITIALS												
	REVISIONS												
P0	SIGN.												24-07-2017
	INITIALS	ABS	UNP	SSS						SD	SM		
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PL	HVAC	PE/PM	APPD	DATE

CLEARED

GUWAHATI SMART CITY LIMITED

GUWAHATI SMART CITY MISSION

SCHEMATIC OF FIRE PROTECTION SYASTEM,
FOR GSCL-TCE
GUWAHATI, ASSAM

TATA CONSULTING ENGINEERS LIMITED
MUMBAI
In Association With
ARCADIS Design & Consultancy for natural and built assets

DO NOT SCALE

'P' (PRELIMINARY) ISSUES ARE NOT TO BE USED FOR CONSTRUCTION / FABRICATION BUT ARE ISSUED FOR LIMITED PURPOSES ONLY AS INDICATED IN THE SMALL BLOCK ABOVE THIS BLOCK.

CONSTRUCTION / FABRICATION WORK IS PERMITTED ON 'R' (RELEASED) ISSUES ONLY.

INFORMATION CONTAINED WITHIN 'HOLD' IS NOT RELEASED FOR CONSTUCTION / FABRICATION. FIELD MUST GET DESIGN OFFICE TO CLEAR 'HOLDS' IN TIME BEFORE PROCEEDING WITH ANY CONSTRUCTION / FABRICATION WORK RELATED TO 'HOLDS'.

Proprietary rights of the information contained herein belong to TCE. This information is intended to be used for the mentioned purpose/project only. In case of misuse of information and any claim arising thereof, cost and consequence will be on the party misusing the information.

FILE NAME : 10477AC03102P0.dwg

SCALE : 1:100 | DWG NO: TCE.10477A-ME-6041-FD-1001 | ISSUE P0

DC & DISC: DC-KOL

TCE FORM NO. 090 R0

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

TITLE: SCHEMATIC OF FIRE PROTECTION SYASTEM, FOR GSCL-TCE ADITYA TOWER- GUWAHATI, ASSAM
DWG NO: TCE.10477A-ME-6041-FD-1001

FILE NAME: F-090-Rev-R0.dwg