NOTES

1- SINCE BUILDINGS ARE NOT FINALIZED YET BY CLIENT THIS PART HAS BEEN CONSIDERED HOLD.
2- ALL VALVES IN FIRE FIGHTING ROUTE ARE CLASS C12 , AND ALL LINES ARE CLASS P2 .

315-FW-15019-P2

CONNECT TO GGMM FIRE FIGHTING SYSTEM

CONNECT TO GGMM FIRE FIGHTING SYSTEM

GGMM FIRE FIGHTING SYSTEM

180-FW-15046-P2

REFORMER

HY08

LOCATE OVER CHARGE HOPPER BELLOW PLATFORM (EL 97210)

TS E73 3

TS E73 2

TS E73 1

TY E73

MN E97

PI E97

M

PU-E99
REDUCTION FURNACE BOOSTER PUMP (300GPM,3.5BAR)

CK10

M5-133
100-FW-15061-C12
CHARGE HOPPER FIRE WATER SUPPLY

PI E35.1

PI E35.2

65-FW-15024-C12 — HOSE REEL ON PLATFORM EL. 93750

65-FW-15025-C12 — HOSE REEL ON PLATFORM EL. 83350

65-FW-15026-C12 — HOSE REEL ON PLATFORM 76050

65-FW-15027-C12 — HOSE REEL ON PLATFORM EL. 70150

65-FW-15028-C12 — HOSE REEL ON PLATFORM EL. 65850

65-FW-15029-C12 — HOSE REEL ON PLATFORM EL. 56170

65-FW-15030-C12 — HOSE REEL ON PLATFORM EL. 50500

65-FW-15031-C12 — HOSE REEL ON PLATFORM EL. 26245

65-FW-15032-C12 — HOSE REEL ON PLATFORM EL. 15060

100-FW-15061-C12

100-FW-15021-C12

100-FW-15022-C12

100x150

150-FW-15020-C12

180-FW-15073-P2

GAS ANALYZER BUILDING

HY09

180-FW-15047-P2

CONNECT TO GGMM FIRE FIGHTING SYSTEM

GGMM FIRE FIGHTING SYSTEM

HY11

180-FW-15049-P2

NOTE 2

CONNECT TO GGMM FIRE FIGHTING SYSTEM

315-FW-15017-P2

TO DRAIN PIT

HEAT RECOVERY

HY07

180-FW-15045-P2

315-FW-15018-P2

180-FW-15044-P2

OFFICE

HY06

OFFICE BUILDING

FIRE BOX

75-FW-15043-P2

TO DRAIN PIT

LABRATORY

FIRE BOX

75-FW-15036-P2

OFFICE

HY02

180-FW-15035-P2

AIR COMPRESSOR ROOM

180-FW-15053-P2

HY10

MAIN AIR BLOWER

180-FW-15051-P2

HY12

COMPRESSOR AREA

HY13

180-FW-15052-P2

180X315

TO MAIN ELEC. & CONTROL ROOM

FIRE BOX

75-FW-15050-P2

315-FW-15017-P2

WARE HOUSE

FIRE BOX

HY05

180-FW-15042-P2

75-FW-15070-P2

TO DRAIN PIT

TO DRAIN PIT

WARE HOUSE

FIRE BOX

75-FW-15041-P2

CANTEEN,LOCKER&SHOWER

FIRE BOX

75-FW-15072-P2

315-FW-15019-P2

180-FW-15038-P2

HY03

NOTE 1

75-FW-15037-P2

FIRE BOX

MAINTENANCE SHOP

315-FW-15019-P2

315-FW-15023-P2

SOFTENING BUILDING

HY04

180-FW-15040-P2

SOFTENING BUILDING

FIRE BOX

75-FW-15039-P2

TO DRAIN PIT

315-FW-15019-P2

TO DRAIN PIT

M5-150 (1/2)
250-FW-15012-C12
FIRE WATER SUPPLY

315-FW-15015-P2

315-FW-15017-P2

PUMP HOUSE

HY01

180-FW-15033-P2

REV.	DATE	DESCRIPTION	PURPOSE OF ISSUE	PREPARE	CHECK	APPROVE
Z	06/2019	AS BUILT	ASB	KHALILPOOR	SHAGHAGHI	MOHAMMAD ZADEH
5	01/2017	ISSUE FOR CONSTRUCTION	IFC	MMTE	SHAGHAGHI	MOHAMMAD ZADEH
4	10/2015	ISSUE FOR CONSTRUCTION	IFC	KHALILPOOR	PARVANI	KIOMARSI
3	03/2015	ISSUE FOR CONSTRUCTION	IFC	KHALILPOOR	PARVANI	KIOMARSI
2	09/2014	ISSUE FOR CONSTRUCTION	IFC	KHALILPOOR	PARVANI	KIOMARSI
1	08/2014	ISSUE FOR APPROVAL	IFA	KHALILPOOR	PARVANI	KIOMARSI

Project:
KOWSAR GISD MEGA MODULE PROJECT

Client: G.I.S.D.Co.

Contractor: MMTE — MINES & METALS TECHNOLOGICAL ENGINEERING CO.

Client's Project	Project Code	Main Contractor	Area Code	Plant Group	Equipment Code	Document Type	Eng. Discipline	Serial No.
GISD	7-2	119	1002	7	AA	04	P	150

	SIGNATURE	DATE
DESIGNED	MMTE	01/2017
PREPARED	MMTE	01/2017
CHECKED	SHAGHAGHI	01/2017
APPROVED	MOHAMMAD ZADEH	01/2017

designation:
PIPING & INSTRUMENTATION DIAGRAM
FIRE WATER SYSTEM

drawing-No.
KGMMPG00M5150

repl. for: | repl. by :

SCALE: AS SHOWN | REV.: Z | SIZE: A3 | SHEET: 2/2 | CONT. & PROJ. NO: 92/5499

Confidential:This document discloses proprietary information. It may not be reproduced nor disclosed any person, nor used for any purpose, except wiht the written permission of MMTE Co