

((مناقصه))

مبلغ مناقصه: 1400/09/13	تاریخ مناقصه: 1400/09/01	شماره مناقصه: *
پیوست فنی: دارد	زمان اعتبار قیمت: 20 روز	

با سلام و احترام

با توجه به نیاز این شرکت به اعلام اشاره شده پیوست مناقصه نسبت به تکمیل فرم استعلام بهاء و مدارک ذیل اقدام و پس از امضاء و مهر تا پایان وقت اداری روز 1400/06/13 به آدرس: تهران - سعادت آباد - خیابان 26 (حق طلب غربی) - پلاک 49- طبقه 3 - واحد بازرگانی (بخش مناقصات) تحویل نمایند.

توضیحات	زمان تحویل	قیمت کل (ریال)	قیمت واحد (ریال)	مقدار	واحد	شرح کالا	ردیف
مطابق شرح پیوست				360	عدد	اجر پیش بر ساخته (شرح پیوست)	
جمع کل							

توضیحات :

پیشنهادهای در سه پاکت:

الف: ضمانت نامه: 1 درصد قیمت کل (ضمانت نامه بانکی معتبر یا واريز وجه نقد به حساب شرکت و یا چک بانکی رمز دار)

ب: مدارک آگهی آخرین تغییرات دارندگان امضای مجاز - رزومه - تصویر گواهی نامه ثبت مودیان - مهر و امضاء مدارک خرید شامل درخواست و اطلاعات فنی

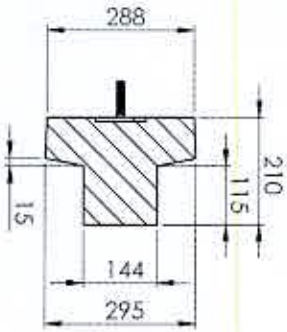
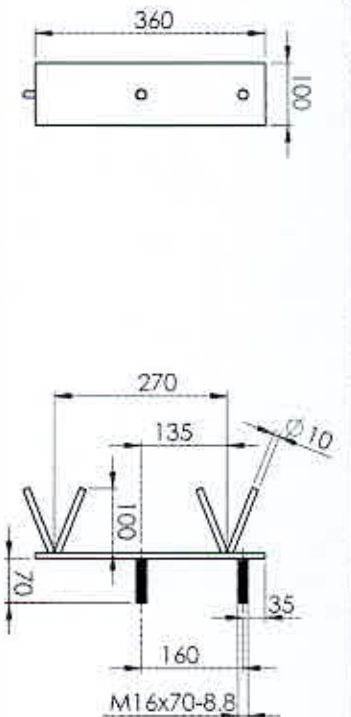
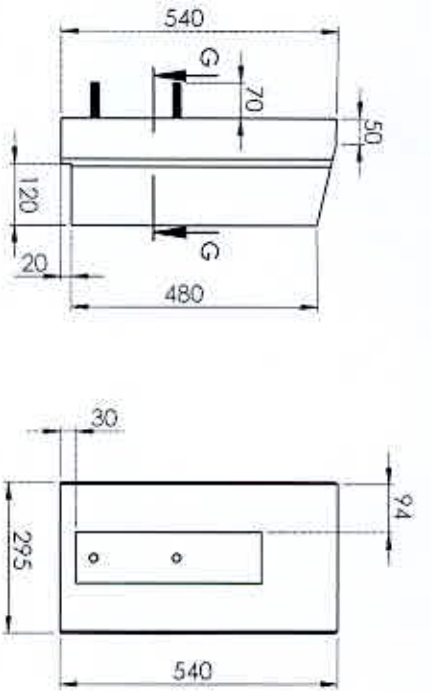
ج: پیشنهاد مالی

پیش پرداخت: در قبال 150 درصد چک بانکی

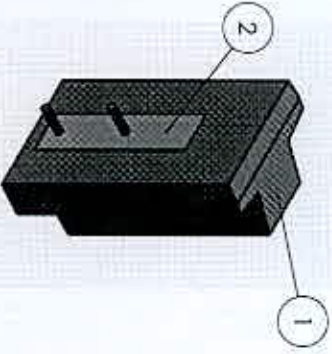
توضیح: پیشنهاد ارزی مطابق قیمت روز فروش حواله سامانه سنا محاسبه خواهد شد.

مهر و امضای خریدار:

مهر و امضای فروشنده:



SECTION G-G



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PRE C 4(Flow Cement)	Attent to table 1&2	39
2	PL360X100X8	ST 37	39
3	Anchor	1.4841	78
4	M16x70_8.8	DIN 931	78

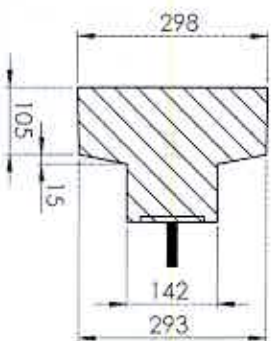
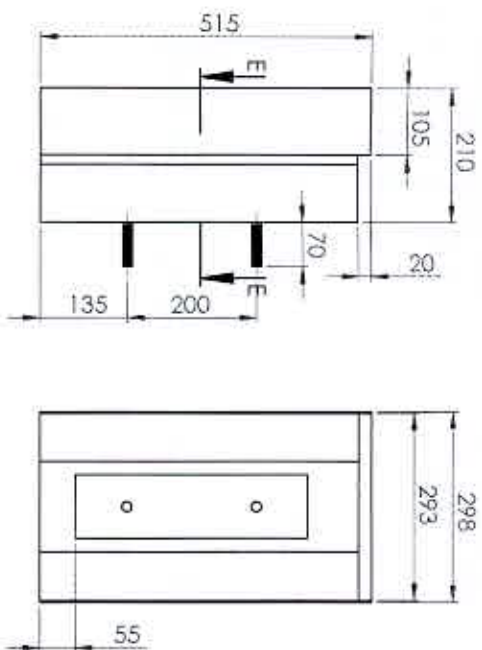
Chemical Analysis			
Percent	Al ₂ O ₃	SiO ₂	CaO
	86-90	5-8	1.6-1.9
			Fe ₂ O ₃
			0.2-0.6

Table 1

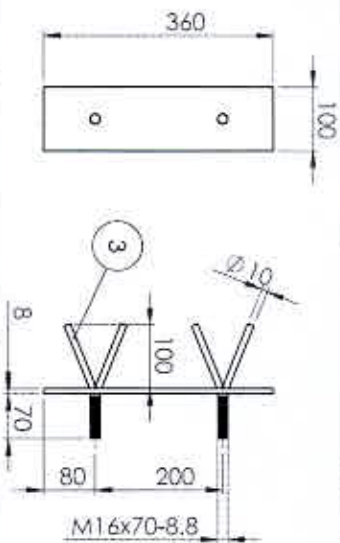
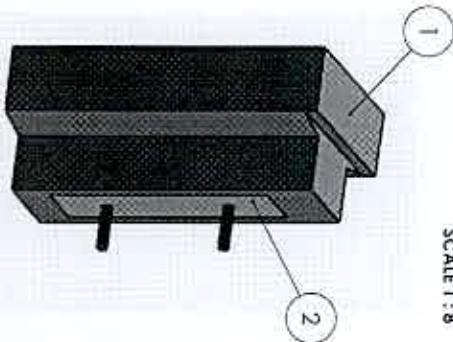
General Table			
Physical Analysis		Unit	ASTM NO
Grain Size		mm	0-5
Mixing Liquid		%	5-7
Bulk Density After Drying 110 °C		ton/m ³	C134
Cold Crushing Strength After Firing at 110 ° C		Mpa	C133-97
Cold Crushing Strength After Firing at 1400 ° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 ° C(PLC)		%	-10.1-0.15)
Permanent linear change 1430 ° C (PLC)		%	-10.2-0.4)
Thermal Conductivity At 400° C		W/°Km	2.3
Thermal Conductivity At 800° C		W/°Km	2.3

Table 2

UNITS: DIMENSIONS SPECIFIED SURFACE FINISH: TO BE INDICATED BY SURFACE TREATMENT AND FINISHES ATTACHED.		DRAWING AND REVISION SHEET	
NAME: Morodian C/O: Karimi ADDRESS: M. Paroh P.O. BOX: 92	PROJECT:	SCALE: 1:10	SHEET NO. 8
DO NOT SCALE DRAWING		REVISION	
Saba Nour Mining And Industrial Development Co.		Refractory Brick	
A3		A3	



SECTION E-E
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE.C.2(Flow Cement)	Attent to table 1&2	39
2	PL360X100X8.	SI 37	39
3	Anchor	1.4841	78
4	M16x70_8.8	DIN 931	78

Table 1

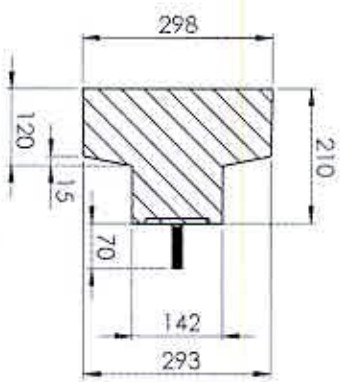
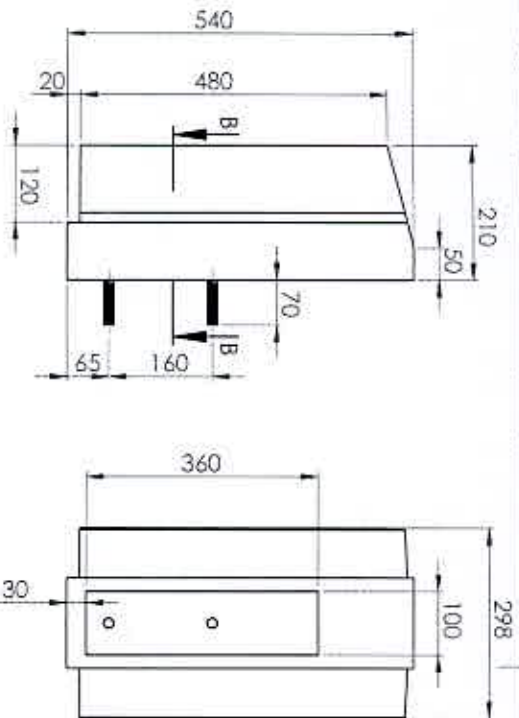
Chemical Analysis	Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃
Percent	86-90	5-8	1.6-1.9	0.2-0.6

Table 2

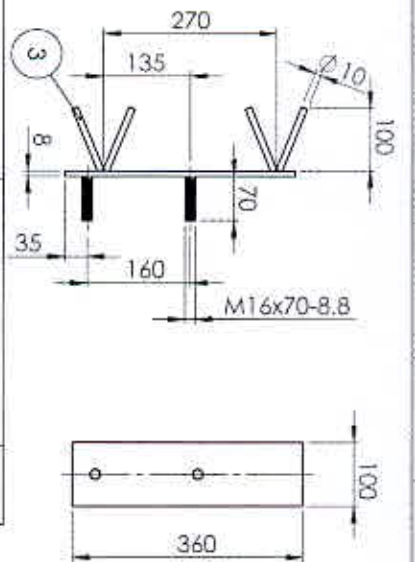
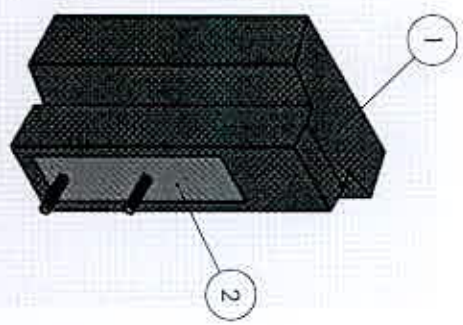
Physical Analysis		Unit	ASTM No
Grain Size		mm	0-5
Mixing Liquid		%	5-7
Bulk Density After Drying at 110° C		ton/m ³	C134
Cold Crushing Strength After Firing at 110° C		Mpa	C133-97
Cold Crushing Strength After Firing at 1400° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 ° C(PLC)		%	C133
Permanent linear change 1430 ° C (PLC)		%	C133
Thermal Conductivity At 400° C		W/°K.m	2173
Thermal Conductivity At 800° C		W/°K.m	2173
			2.3

General Table

CLIENTS COMPANY DETAILS: COMPANY NAME: SABA NEUR MINING AND INDUSTRIAL DEVELOPMENT CO. ADDRESS: ... CONTACT: ...		DRAWING AND SERIAL NUMBER: DRAWING NO: ... SERIAL NO: ...	
NAME: Moradian CNO: Korimi APPROV: M.Panahi MNO: ...	SCALE: ONE DATE: ...	TITLE: Annular Cooler Refractory Brick	SHEET NO: A3



SECTION B-B
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE C. 1 (low Cement)	Attent to Table 1&2	39
2	PL360X100X8	ST 37	39
3	Anchor	1.4841 (310 AISI)	78
4	M16x70_8.8	DIN 931	78

Chemical Analysis	Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃
Percent	86-90	5-8	1.6-1.9	0.2-0.6

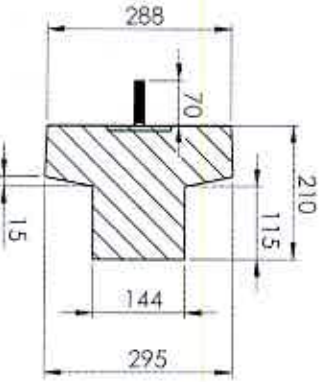
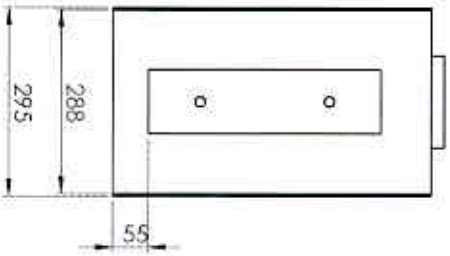
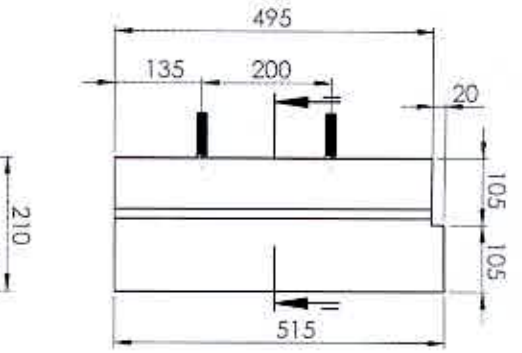
Table 1

General Table		Unit	ASTM No
Physical Analysis		mm	0-5
Grain Size		%	5-7
Mixing Liquid		ton/m ³	2.82-2.87
Bulk Density After Drying 110° C		Mpa	C134
Cold Crushing Strength After Firing of 110° C		Mpa	C133-97
Cold Crushing Strength After Firing of 1400° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 ° C (PLC)		%	C133
Permanent linear change 1430 ° C (PLC)		%	C133
Thermal Conductivity At 400° C		W/°K.m	2.173
Thermal Conductivity At 800° C		W/°K.m	2.173

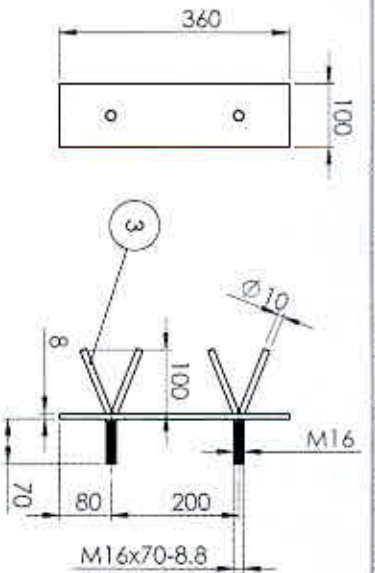
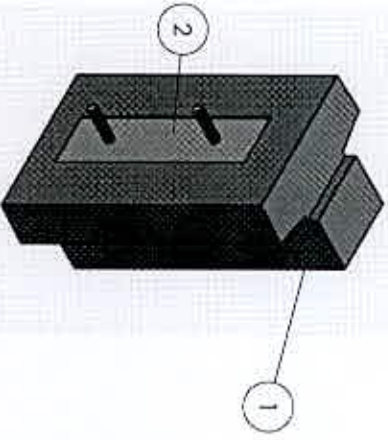
Table 2

THE DESIGNER'S OFFICE, DRAWINGS AND SERVICE FEE, REVISIONS AND MATERIALS AVAILABLE		NAME Moradian	
DATE Karim		DESIGN AND SEAL SHAPE BLOCK	
APPROVED M.Panah		TITLE Saba Nur Mining And Industrial Development Co.	
NO. CA		SHEET NO. A3	

Annular Cooler
Refractory Brick



SECTION H
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE.C.3(Slow Cement)	Attent to table 1 & 2	39
2	PL360X100X8	S1 37	39
3	Anchor	1.4841 (310 AISI)	78
4	M16x70_8.8	DIN 931	78

Table 1

Chemical Analysis	Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃
Percent	86-90	5-8	1.6-1.9	0.2-0.6

Table 2

General Table		Unit	ASTM No
Physical Analysis		mm	0-5
Grain Size		%	5-7
Mixing Liquid		ton/m ³	C134
Bulk Density After Drying at 110° C		Mpa	2.82-2.87
Cold Crushing Strength After Firing at 110° C		Mpa	C133-97
Cold Crushing Strength After Firing at 1400° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 °C (P/LC)		%	C133
Permanent linear change 1450 °C (P/LC)		%	C133
Thermal Conductivity At 400° C		W/°K.m	2.173
Thermal Conductivity At 800° C		W/°K.m	2.173
		W/°K.m	2.3

IF THIS DRAWING RECEIVED, DRAWING IS NOT VALID. SURFACE FINISH: TO BE SPECIFIED BY THE CLIENT. MATERIAL: TO BE SPECIFIED BY THE CLIENT.

DATE: 04/01/2023

DESIGNED BY: M. PANDH

CHECKED BY: M. PANDH

SCALE: 1:8

Annular Cooler Refractory Brick

DO NOT SCALE DRAWING

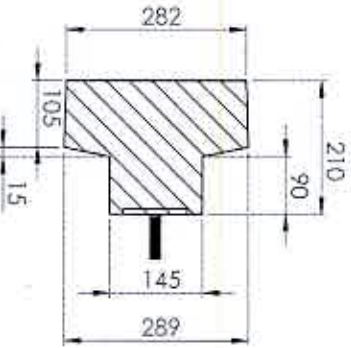
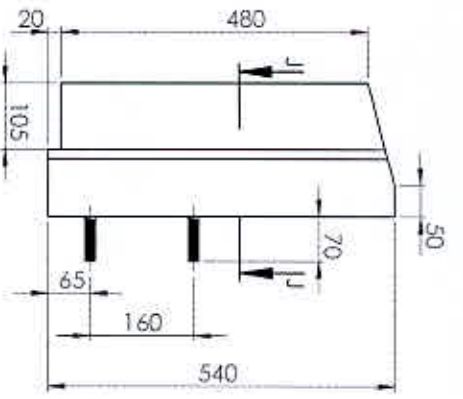
REVISION

NO. OF SHEETS: 1

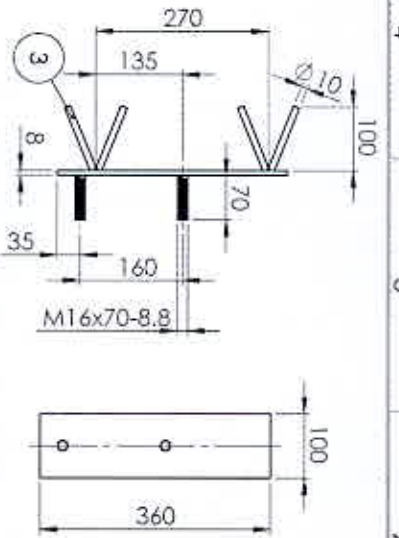
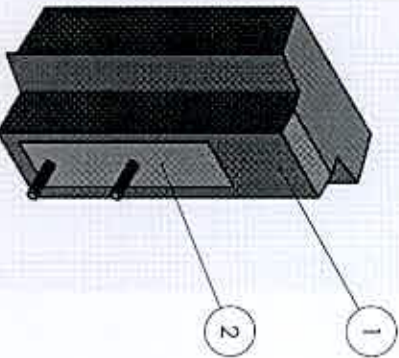
SHEET NO.: 1

SCALE: 1:8

SHEET SIZE: A3



SECTION J-J
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE C.5 (low Cement)	Attent to table 1&2	51
2	PL360X100X8	SI 37	51
3	Anchor	1.4841 (310 AISI)	102
4	M16x70-8.8	DIN 931	102

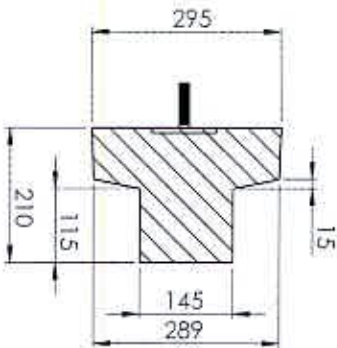
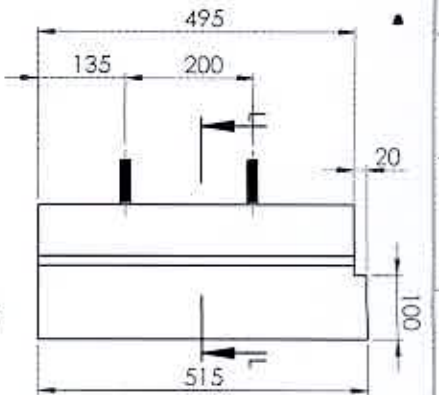
Table 1

Chemical Analysis	Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃
Percent	86-90	5-8	1.6-1.9	0.2-0.6

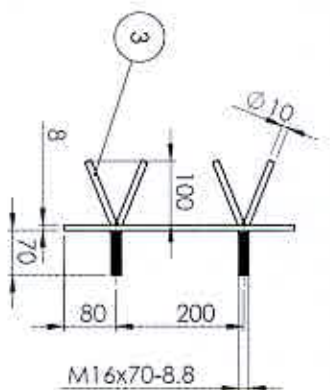
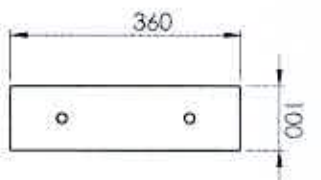
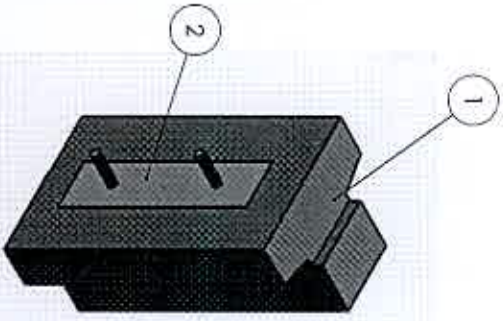
Table 2

General Table		Unit	ASTM No
Physical Analysis		mm	0-5
Grain Size		%	5-7
Mixing Liquid		ton/m ³	C134
Bulk Density After Drying at 110° C		Mpa	C133-97
Cold Crushing Strength After Firing at 110° C		Mpa	C133-97
Cold Crushing Strength After Firing at 1400° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 ° C (PLC)		%	C133
Permanent linear change 1430 ° C (PLC)		%	C133
Thermal Conductivity At 400° C		W/°K.m	2173
Thermal Conductivity At 800° C		W/°K.m	2173

(LAST CHANGE SECTION) DIMENSIONS ARE IN MILLIMETERS TOLERANCES FINISH MATERIALS		FIELD DATE		COLOR AND BRICK SHAP DO NOT SCALE DRAWING	
NAME Moradian CHIEF Karami APPROV M.Porah ENG Q.A.	REVISION DATE	TITLE Annular Cooler Refractory Brick		SHEET NO. A3	
PROJECT Saba Nour Mining And Industrial Development Co.			SHEET 5 OF 8		



SECTION L-L
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE C.6 (low Cement)	Attent to table 1 & 2	51
2	PL360X100X8	ST 37	51
3	Anchor	1.4841(310 AISI)	102
4	M16x70_8.8	DIN 931	102

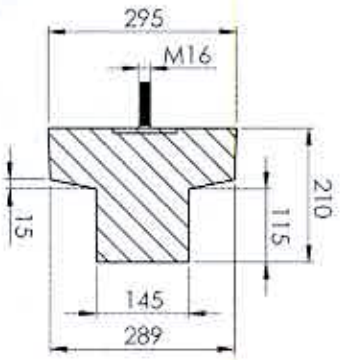
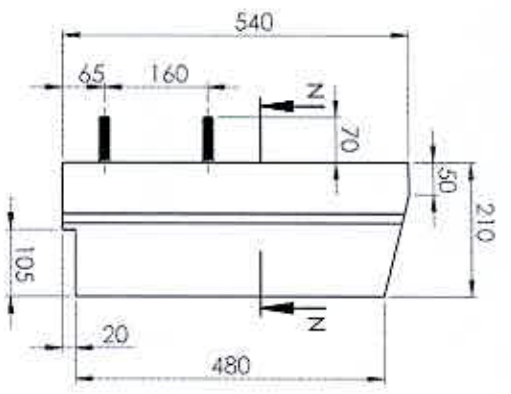
Table 1

Chemical Analysis	AL2O3	SiO2	CaO	Fe2O3
Percent	86-90	5-8	1.6-1.9	0.2-0.6

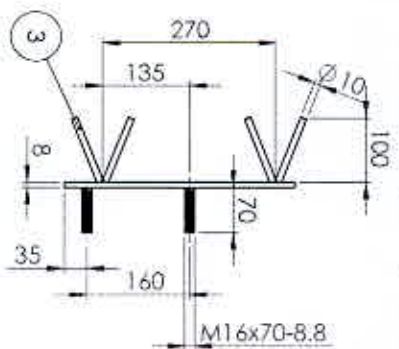
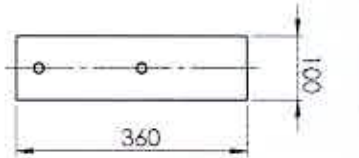
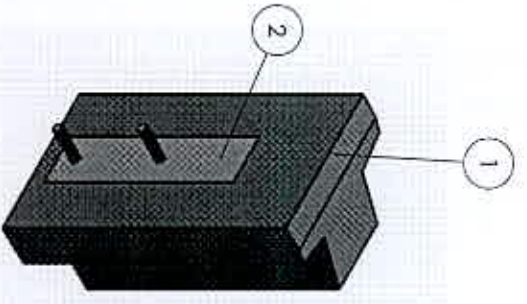
Table 2

Physical Analysis	Unit	ASTM No
Grain Size	mm	0-5
Mixing Liquid	%	5-7
Bulk Density After Drying 110°C	ton/m ³	C134
Cold Crushing Strength After Firing at 110°C	Mpa	2.82-2.87
Cold Crushing Strength After Firing at 1400°C	Mpa	C133-97
Cold Crushing Strength After Firing at 1400°C	Mpa	C133-97
Maximum Service Temperature	°C	1550
Permanent linear change 1000 °C (PLC)	%	C133
Permanent linear change 1400 °C (PLC)	%	C133
Thermal Conductivity At 400° C	W/K.m	2173
Thermal Conductivity At 800° C	W/K.m	2173
		2.3

(BASED ON SERVICE RECORD, DIMENSIONS ARE IN MILLIMETERS, TOLERANCES UNLESS SPECIFIED OTHERWISE) DRAWN BY: M. Parnah CHECKED BY: M. Parnah DATE: 2/4		FINISH:	CENTER AND SCALE:	DO NOT SCALE DRAWING:	REVISION:
NAME: Morodjan CITY: Kairui OFFICE: M. Parnah		MATERIAL:	SCALE: 1:8	Saba Nour Mining And Industrial Development Co. Annular Cooler Refractory Brick	
SHEET NO: 2/4		SHEET TITLE:	SHEET NO: 2	SHEET NO: 2	SHEET NO: 2



SECTION N-N
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE C.7(Low Cement)	Attent to table 1&2	51
2	PL360X100X8	ST 37	51
3	Anchor	1.4841 (310 AISI)	102
4	M16x70_8.8	DIN 931	102

Table 1

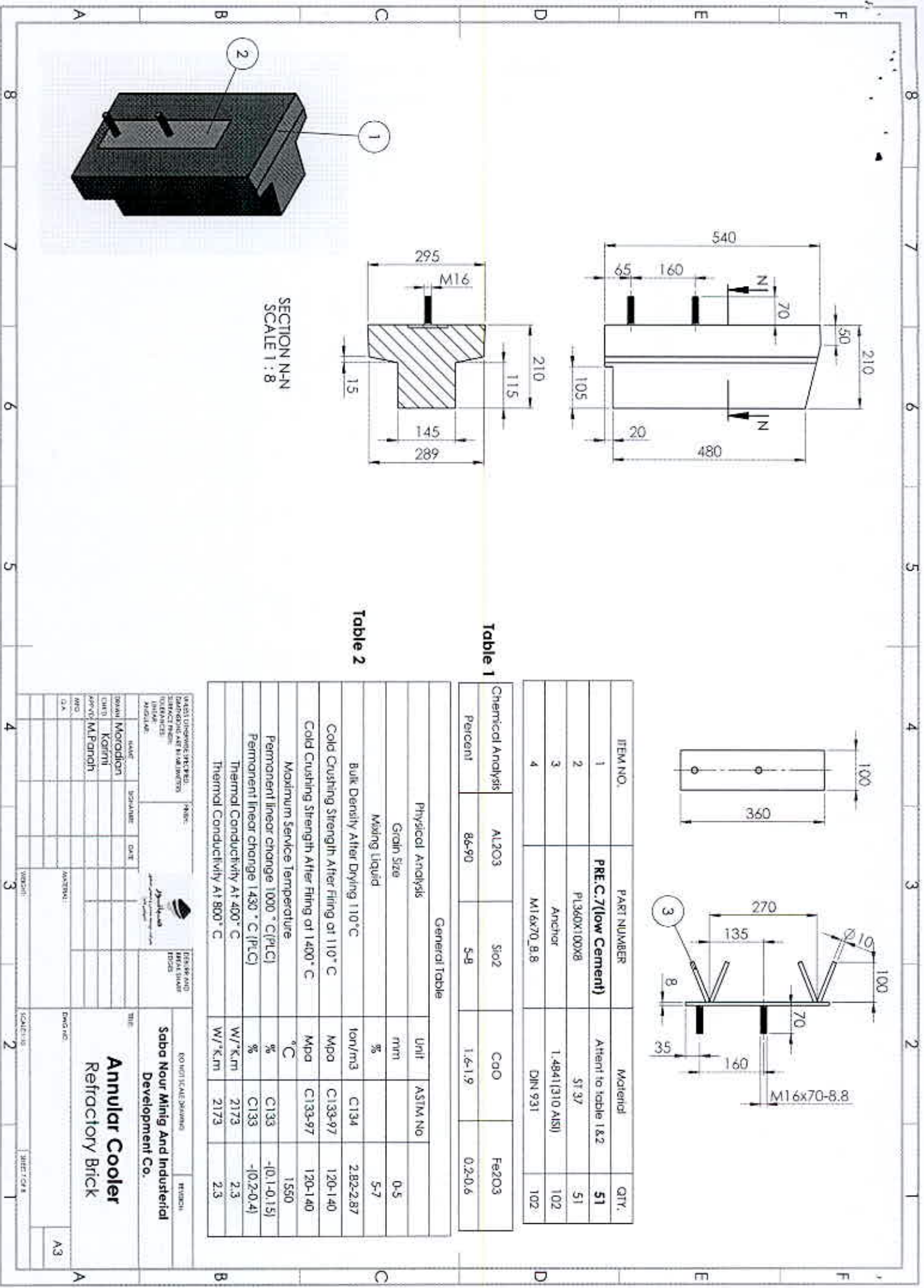
Chemical Analysis	AL2O3	SiO2	CaO	Fe2O3
Percent	85-90	5-8	1.6-1.9	0.2-0.6

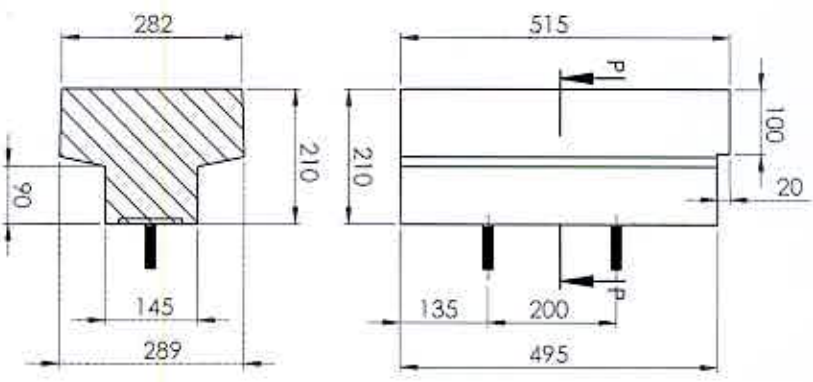
Table 2

Physical Analysis		Unit	ASTM No
Grain Size		mm	0-5
Moisture Liquid		%	5-7
Bulk Density After Drying 110° C		ton/m3	C134
Cold Crushing Strength After Firing at 110° C		Mpa	C133-97
Cold Crushing Strength After Firing at 1400° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 ° C (PLC)		%	C133
Permanent linear change 1430 ° C (PLC)		%	C133
Thermal Conductivity At 400° C		W/°K.m	2173
Thermal Conductivity At 800° C		W/°K.m	2173

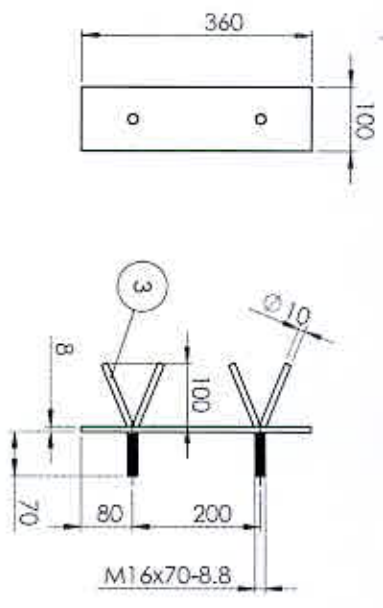
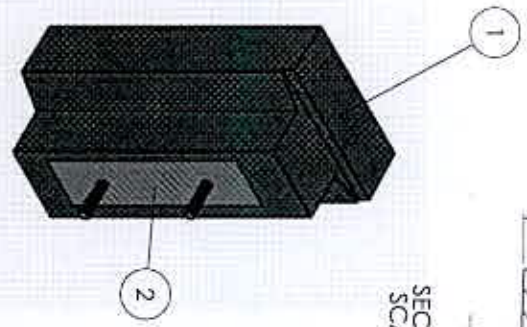
DRAWING PREPARED BY: DESIGNED BY: CHECKED BY: APPROVED BY: DATE:	NAME: GRADE: DEPARTMENT:	TITLE: Annular Cooler Refractory Brick
PROJECT NO: SHEET NO:	COMPANY:	CLIENT:

**Saba Nour Mining And Industrial
Development Co.**





SECTION P-P
SCALE 1 : 8



ITEM NO.	PART NUMBER	Material	QTY.
1	PRE C 8 (low Cement)	Attent to table 1&2	51
2	PL360X100X8	SI 37	51
3	Anchor	1.4841 (310 AISI)	102
4	M16x70-8.8	DIN 931	102

Chemical Analysis	AL2O3	SiO2	CoO	Fe2O3
Percent	86-90	5-9	1.6-1.9	0.2-0.6

General Table

Physical Analysis		Unit	ASTM No
Grain Size		mm	0-5
Miking Liquid		%	5-7
Bulk Density After Drying 110° C		ton/m3	C134
Cold Crushing Strength After Firing of 110° C		Mpa	C133-97
Cold Crushing Strength After Firing of 1400° C		Mpa	C133-97
Maximum Service Temperature		°C	1550
Permanent linear change 1000 ° C(PLC)		%	C133
Permanent linear change 1430 ° C(PLC)		%	C133
Thermal Conductivity At 400° C		W/°K.m	2173
Thermal Conductivity At 800° C		W/°K.m	2173

Table 2

Table 1

DESIGNED BY: MORADIAN CHECKED BY: KORIMI APPROVED BY: M. Panahi DATE:		DRAWING NO.: 130101 SHEET NO.: 1	
PROJECT: Annular Cooler Refractory Brick CLIENT: Saba Nour Mining And Industrial Development Co.		SCALE: 1:8 DATE:	

