DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

(1) Box no. 2933

(2) Folder title/number: (18)
Osaka Military Arsenal - Harima Kojo

(3) Date: Jan. 1947

(4) Subject:

Classification	Type of record
9212, 9230	c, k

(5) Item description and comment:
i) Hyogo
ii) Cover Title: The Warehouse of Sanda Branch Of Ex-Army Branch of Clothings

(6) Reproduction: Yes No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

HYOGO LIAISON OFFICE

REMARK

NAME OF PLANT: The Osaka Army Arsenal, Harima Plants.

As it is expected that this factory will be released from the Allied Forces in the nearest future and the materials thereof will be appropriated for the rolling stocks to be repaired by the Transportation Ministry, it is desired that those materials be retained.

Takayoshi Tsuda
Local Liaison Officer

MGP 37

NAME OF PLANT, LABORATORY, OR ARSENAL: Harima Factory, Osaka Military Arsenal.
工場, 研究所又ハ兵器廠ノ名稱

LOCATION:
所在地 Arai-mura Kako-gun Hyogo-Ken

SIGNATURE OF OWNER OR CUSTODIAN:
所有者又ハ管理人ノ署名
H. Omodaka

REPARATIONS PLANTS MATERIALS
賠償工場ノ資材

General Contractors Association of Japan
Hyogo Prefecture Branch

** SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:
當該地區日本連絡官ノ署名 Hiroto Tanaka

Simizugumi
D. Sato

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——頁中ノ第——頁

DATE:
日附 Jan. 20. 1947

MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	CONDITION ***	REMARKS
lumber (Pinetree) dia. 5" × 9'	B.F.	1476	65 ton	10	good	B.
Plank (Pinetree) $\frac{1}{2}$" × $8\frac{1}{4}$" × 13'	B.F	650			good	B.
Ditto $\frac{5}{8}$" × $6\frac{1}{4}$" × 7'-2"	B.F.	42.5			good	D.
Ditto 1" × $10\frac{1}{2}$" × 7'-2"	B.F	137.			good	B.C
Ditto 2" × 9" × 10'-6"	B.F	451.			good	B.C.
Ply wood $\frac{1}{4}$" × 3' × 6'	Sq.Ft	396			good	B C.
Lumber $1\frac{1}{8}$" × 1" × 12'	B.F.	6000			poor	B
Ditto $1\frac{1}{2}$" × $1\frac{1}{2}$" × 12'	B.F.	12000.			poor	B
Ditto 4" × $1\frac{3}{8}$" × 12'	B.F	6000			poor	B
Ditto $9\frac{1}{2}$" × $5\frac{3}{8}$" × 18'	B.F	23000.			Poor	B
Hemprope dia. $1\frac{3}{4}$"	ft.	400.			good	F
Enamelpaint 55 lbs white	can	4	220 lbs		good	C
Red lead 66 lbs	can	20	1320 lbs		new	D
Paint 55 lbs white	can	4	220 lbs		new	E
Ditto 55 lbs white	can	5	275 lbs		new	E
Ditto 44 lbs black	can	1	44 lbs		new	E

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Ditto	1½" x 1½" x 12'	B.F	12000			[illegible]	B
Ditto	4" x 1⅜" x 12'	B.F	6000			poor	B
Ditto	9½" x 5⅜" x 18'	B.F	23000			Poor	B
Hemprope	dia. 1¾"	ft.	400			good	F
Enamelpaint	55 lbs white	can	4	220 lbs		good	C
Red lead	66 lbs	can	20	1320 lbs		new	E
Paint	55 lbs white	can	4	220 lbs		new	E
Ditto	55 lbs white	can	5	275 lbs		new	E
Ditto	44 lbs black	can	1	44 lbs		new	E
Ditto	44 lbs black	can	3	132 lbs		new	C
Ditto	55 lbs red	can	2.4	132 lbs	0.6	new	C
Ditto	55 lbs green	can	2	110 lbs		new	C
Ditto	66 lbs lightbrown	can	1	66 lbs		new	C
Ditto	27.5 lbs black	can	7	192.5 lbs		new	C
White zinc paint	27.5 lbs	can	6	165 lbs		new	C
Stain proof paint	55 lbs	can	3	165 lbs		new	C
Coaltar	440 lbs	can	4	1760 lbs		new	C
Portland Cement	110 lbs	pcs	460	25.3 ton		good	A
Ditto	110 lbs	pcs	1340	73.7 ton		poor	A
Ditto	110 lbs	pcs	1100 ~~[illegible]~~	60.5 ton		good	A
Cracked Stone		cu. ft.	11600	900 ton		good	A
Lime	110 lbs	pcs	360	19.8 ton		good	A
Ditto		pcs	940	51.7 ton		Poor	A

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Ditto	110 lbs	PCS	1340	73.7 ton		Poor	A
Ditto	110 lbs	PCS	1100 ~~lbs~~	60.5 ton		good	A
Cracked Stone		cu. ft.	11600	900 ton		good	A
Lime	110 lbs	PCS	360	19.8 ton		good	A
Ditto		PCS	940	51.7 ton		Poor	A
Ditto		PCS	850	46.75 ton		good	D
Fire mortar	110 lbs	PCS	1400	77 ton		good	D
Ditto		PCS	5600	308 ton		poor	D
Silica mortar	110 lbs	PCS	800	44 ton		good	D
Ditto		PCS	1340	73.7 ton	180	Poor	D
Fire brick (ordinary type)		PCS	40000 ~~15500~~	130 ~~51~~ ton		good	D
Ditto		PCS	35000	115 ton		Poor	D
Ditto (fancy types)		PCS	200000	690 ton		good	D
Ditto		PCS	95000	310 ton		Poor	D
Silica bricks (ordinary type)		PCS	15500	51 ton		good	D
Ditto		PCS	20000	70 ton		Poor	D
Ditto (fancy type)		PCS	8300	28 ton		good	D
Ditto		PCS	11000	37 ton		poor	D
Steel bar	$\frac{5}{8}$" × 24 ft	PCS	800	16 ton		good	B
Ditto	$\frac{1}{2}$" × 24'	PCS	5500	39 ton		good	B
Ditto	$\frac{2}{8}$" × 24'	PCS	1100	26.3 ton		good	B
Ditto	1" × 24"	PCS	40	1.2 ton		good	B
Ditto	$\frac{3}{4}$" × 24'	PCS	50	[illegible] ton		[illegible]	[illegible]

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Ditto		PCS	[illegible]	[illegible]		
Silica brick (ordinary type)		PCS	15500	51 ton	good	D
Ditto		PCS	20000	20 ton	Poor	D
Ditto (fancy type)		PCS	8300	28 ton	good	D
Ditto		PCS	11000	37 ton	[illegible]	D
Steel bar	$\frac{5}{8}$" × 24 ft	PCS	800	16 ton	good	B
Ditto	$\frac{1}{2}$" × 24'	PCS	5500	39 ton	good	B
Ditto	$\frac{7}{8}$" × 24'	PCS	1100	26.3 ton	good	B
Ditto	1" × 24"	PCS	40	1.2 ton	good	B
Ditto	$\frac{3}{4}$" × 24'	PCS	50	0.8 Ton	good	B
Ditto	1" × 24'	PCS	80	2.5 ton	Poor	B
Steel sheet	3' × 6'	PCS	2000	9.0 ton	good	A
Corrugated iron sheet	2.5×6'	PCS	200	0.75 ton	Poor	A
Steel	L = 2"×2"×$\frac{1}{8}$"×30'	PCS	11	0.3 ton	good	D
Copper scrap		ton		3.0	good	accessories of reparation objects
Copper plate		ton		2.0	good	D
Transformer	3450/220 200 KVA 3P	PCS	8	12.8 ton	good	accessories of reparation objects
Ditto	3450/220 300 KVA 3P	PCS	11	14.3 Ton	good	Ditto
Ditto	3450/220 100 KVA 3P	PCS	8	8.2 ton	good	Ditto
Ditto	3450/220 100 KVA 3P	PCS	2	2.0 ton	Poor	Ditto
Ditto	3450/220-110 100 KVA 3P	PCS	1	0.5 ton	good	Ditto
Ditto	3300/220-110 100 KVA 3P	PCS	1	0.9 ton	good	Ditto
Ditto	3450/220-110 50 KVA 3P	PCS	2	[illegible] ton	[illegible]	[illegible]

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Ditto	3450/220-110	100 KVA	3P	PCS	1	0.5 ton		good	Ditto
Ditto	3300/220-110	100 KVA	3P	PCS	1	0.9 ton	4	good	Ditto
Ditto	3450/220-110	50 KVA	2P	PCS	2	0.7 ton		good	Ditto
Ditto	3450/220-110	[illegible] KVA	2P	PCS	1	0.3 ton		good	Ditto
Ditto	3450/220-110	100 KVA	2P	PCS	15	14.1 ton		good	Ditto
Poletrans	3450/220-110	20 KVA	2P	PCS	8	1.3 ton		good	Ditto
Ditto	3450/220-110	30 KVA	2P	PCS	5	1.0 ton		good	Ditto
Ditto	3450/220-110	50 KVA	2P	PCS	2	0.7 ton		good	Ditto
Strage battery	6V-64A			PCS	180	4. ton		good	F
Electric wire	4#	100 Sq. mm		Ft.	6000	3. ton		good	B
Ditto	4#	80 sq mm		Ft.	500	0.18 ton	1/3	good	B
Cable		38 sq mm		Ft.	160	0.05 ton		good	B
Ditto		20 sq mm		Ft.	330	0.06 ton		good	B
Ditto		20 sq mm		Ft.	500	0.06 ton		good	B
Bulb	100V	500W		PCS	24			good	F
Ditto	100V	200W		PCS	48			good	F
Ditto	100V	300W		PCS	50			good	F
Ditto	100V	100W		PCS	18			good	F
Gas hot water heater		10 gal.		PCS	10	160 lbs	1/3	good	F
Elbow		6		PCS	4			good	B. C.
Ditto		5"		PCS	5			good	B. C.
Ditto		4"		PCS	8	0.06 ton		good	B. C.
Ditto		3"		PCS	44			good	B. C.

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Ditto	100 V	100 W	PCS	18			good	F
Gas hot water heater	10 gal.		PCS	10	160 lbs	1/3	good	F
Elbow	6		PCS	4			[illegible]	[illegible]
Ditto	5"		PCS	5			good	B. C.
Ditto	4"		PCS	8	0.06 ton		good	B. C.
Ditto	3"		PCS	55			good	B. C.
Ditto	2½"		PCS	29			good	B. C.
Ditto	2"		PCS	16			good	B. C.
Union	3"		PCS	91			good	B. C.
Ditto	2½"		PCS	10	0.05 ton		good	B. C.
Ditto	2		PCS	45			good	B. C.
Ditto	1½"		PCS	51			good	B. C.
Tee	3"		PCS	20			good	B. C.
Ditto	2½"		PCS	10	0.03 ton		good	B. C.
Ditto	2"		PCS	10			good	B. C.
Ditto	1½"		PCS	10			good	B. C.
Valve	3"		PCS	5			good	B. C.
Ditto	2½"		PCS	5	0.02 ton		good	B. C.
Ditto	2"		PCS	6			good	B. C.
Ditto	1½"		PCS	5			good	B. C.
Gas Pipe	2" × 16' – 5"		PCS	34			good	B. C.
Ditto	1½" × 16' – 5"		PCS	4	0.6 ton		good	B. C.
Ditto	3" × 13' – 1½"		PCS	2			good	B. C.

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Ditto						good	B. C.
Ditto	1½"	PCS	5			good	B. C.
Gas Pipe	2"×16'-5"	PCS	34			good	B. C.
Ditto	1½"×16'-5"	PCS	4			good	B. C.
Ditto	3"×13'-1½"	PCS	2	6.6 ton		good	B. C.
Ditto							
Ditto	2½×14'-9"	PCS	32			good	B. C.
Ditto	¾"×13'-1½"	PCS	18			good	B. C.
Steel Pipe	6"×13'-1½"	PCS	9			good	B. C.
Ditto	5"×13'-1½"	PCS	35			good	B. C.
Ditto	3½×13'-1½"	PCS	80			good	B. C.
Ditto	3"×13'-1½"	PCS	28			good	B. C.
Ditto	2"×13'-1½"	PCS	40	4.8 ton		good	B. C.
Ditto	1½"×13'-1½"	PCS	25			good	B. C.
Ditto	¾"×13'-1½"	PCS	121			good	B. C.
Cock	¾"	PCS	60			good	B. C.
Stop Valve	6"	PCS	8			good	B. C.
Ditto	3"	PCS	3			good	B. C.
Tee	8"	PCS	1			good	B. C.
Ditto	6"	PCS	1			good	B. C.
Ditto	5"	PCS	4			good	B. C.
Ditto	4"	PCS	18			good	B. C.
Ditto	3"	PCS	11			good	B. C.
Ditto	2½	PCS	7				

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Ditto	6"	PCS	7			good	B. C.
Ditto	5"	PCS	4			good	B. C.
Ditto	4"	PCS	18			good	B. C.
Ditto	3"	PCS	11			good	B. C.
Ditto	2½	PCS	7			good	B. C.
Ditto	2"	PCS	2	3.5 ton		good	B. C.
Ditto	1½"	PCS	50			good	B. C.
Ditto	1¼	PCS	44			good	B. C.
Ditto	1"	PCS	8			good	B. C.
Ditto	¾"	PCS	227			good	B. C.
Ditto	⅝"	PCS	109			good	B. C.
Ditto	½"	PCS	100			good	B. C.
Ditto	⅜"	PCS	18			good	B. C.
Ditto	2" × ¾"	PCS	52			good	B. C.
Ditto	2" × 3½"	PCS	3			good	B. C.
Ditto	2" × 5"	PCS	4		2	good	B. C.
Ditto	2" × 1"	PCS	15			good	B. C.
Ditto	3" × ¾"	PCS	15			good	B. C.
Ditto	5" × ¾"	PCS	1			good	B. C.
Ditto	5" × 1"	PCS	4			good	B. C.
Ditto	5" × 1½"	PCS	8			good	B. C.
Ditto	5" × 2½"	PCS	1			good	B. C.
Ditto	2½" × 1½"	PCS					

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Ditto	2"x5	PCS	4			good	B. C.
Ditto	2"x1"	PCS	15			good	B. C.
Ditto	3"x 3/4"	PCS	15			good	B. C.
Ditto	5"x 3/4"	PCS	1			good	B. C.
Ditto	5"x 1"	PCS	4			good	B. C.
Ditto	5"x 1 1/2"	PCS	8			good	B. C.
Ditto	5"x 2 1/2"	PCS	1			good	B. C.
Ditto	3 1/2"x 1 1/2"	PCS	1			good	B. C.
Ditto	3"x 1/4"	PCS	3	4.5 ton		good	B. C.
Ditto	2 1/2"x 1/4"	PCS	2			good	B. C
Ditto	5/8"x 2 1/2"	PCS	1			good	B. C
Ditto	3 1/2"x 2 1/2"	PCS	1			good	B. C.
Joint	2 1/2"	PCS	7			good	B. C.
Ditto	2"	PCS	6			good	B. C.
Ditto	1 1/2"	PCS	30			good	B. C
Ditto	1/2"	PCS	250			good	B. C
Elbow	3"	PCS	5			good	B. C
Ditto	2 1/2"	PCS	5			good	B. C
Ditto	2"	PCS	5			good	B. C
Coupling	2 1/2"x 3"	PCS	17			good	B. C
Ditto	3"x 2"	PCS	46			good	B. C
Ditto	3"x 2 1/2"	PCS	3			good	B. C
Ditto	1 1/2"x 3"	PCS	13				

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Coupling	2½" x 3"	PCS	17			good	B. C
Ditto	3" x 2"	PCS	46			good	B. C
Ditto	3" x 2½"	PCS	3			good	B. C
Ditto	1¼" x 3"	PCS	13			good	B. C
Ditto	3" x ¾"	PCS	47			good	B. C
Ditto	3" x 1½"	PCS	77			good	B. C
Ditto	⅝" x 3"	PCS	78			good	B. C
Ditto	¾" x 1½"	PCS	19			good	B. C
Ditto	2" x 1"	PCS	30			good	B. C
Ditto	1½" x 2½"	PCS	33			good	B. C
Ditto	⅜" x 1½"	PCS	6			good	B. C
Ditto	2½" x ¾"	PCS	27	2.2 ton		good	B. C
Ditto	½" x 2"	PCS	46			good	B. C
Ditto	2" x ¾"	PCS	11			good	B. C
Ditto	2" x 1"	PCS	15			good	B. C
Ditto	1½" x 2"	PCS	33			good	B. C
Ditto	⅜" x 2"	PCS	4			good	B. C
Ditto	2" x ½"	PCS	11			good	B. C
Ditto	2½" x ⅞"	PCS	35			good	B. C
Ditto	1¼" x 2½"	PCS	25			good	B. C
Ditto	2½" x ½"	PCS	62			good	B. C
Ditto	1" x 3"	PCS	53			good	B. C

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Ditto	2" × 1/2"	PCS	11			good	B · C
Ditto	2 1/2" × 7/8"	PCS	38			good	B · C
Ditto	1 1/4" × 2 1/2"	PCS	25			good	B · C
Ditto	2 1/2" × 1/2"	PCS	62			good	B · C
Ditto	1" × 3"	PCS	53			good	B · C
Ditto	1 1/4" × 2"	PCS	41			good	B · C
Boult & Nut	5/8" × 50"	PCS	400			good	B · C
Cast iron Pipe	6" × 13'-1 1/2"	PCS	80			good	B · C
Ditto	4 1/2" × 13'-1 1/2"	PCS	50	1.7 ton		good	B · C
Ditto	10" × 13'-1 1/2"	PCS	30			good	B · C
Ditto	8" × 13'-1 1/2"	PCS	45			good	B · C
Boult & Nut	3/8" × 32"	PCS	80			good	E
Ditto	3/4" × 90"	PCS	24	0.6 ton		good	E
Screw		PCS	1000			good	E
Eternit Pipe	12" × 13'-1 1/2"	PCS	36			good	B
Ditto	10" × 13'-1 1/2"	PCS	29			good	B
Ditto	8" × 13'-1 1/2"	PCS	30	3.5 ton	1	good	B
Ditto	6" × 13'-1 1/2"	PCS	23			good	B
Ditto	4" × 9'-8"	PCS	22			good	B
Ditto	3" × 16'-8"	PCS	8			good	B
Steel Pipe	5" × 16'-5"	PCS	31			good	accesories of reparation objects
Ditto	6" × 16'-5"	PCS	9			good	[illegible]

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Steel Pipe	12"×13'-1½"	PCS	30			good	
Ditto	10"×13'-1½"	PCS	39			good	B
Ditto	8"×13'-1½"	PCS	30	3.5 ton	1.	good	B
Ditto	6"×13'-1½"	PCS	23			good	B
Ditto	4"×9'-8"	PCS	22			good	B
Ditto	3"×16'-8"	PCS	8			good	B
Steel Pipe	5"×16'-5"	PCS	31			good	accesories of reparation objects
Ditto	6"×16'-5"	PCS	9			good	Ditto
Ditto	3½"×16'-5"	PCS	25	27.0 ton	1 1/3	good	Ditto
Ditto	2"×16'-5"	PCS	10			good	Ditto
Ditto	3¾"×16'-5"	PCS	10			good	Ditto
Ditto	2⅜"×16'-5"	PCS	227			good	Ditto
Ditto	⅞"×16'-5"	PCS	12			good	Ditto

Remark:- A. Reira commenced to use for converting construction to a railway factory and repairing.

B. The necessaries for converting construction to a railway factory and repairing.

C. The necessaries for freight car repairing.

D. The necessaries for munitions disposal.

E. The necessaries for superintending and repairing of reparation objects.

F. The supply of factory working goods in case of damage and otherwise.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NARA

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

INSTALLED MATERIALS AND SUPPLIES 施設濟ノ資材

ITEM DESCRIPTION 品目名稱	UNIT 單位	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 積込貨車數	REMARKS 摘要

地方府縣米軍軍政府係官專用欄 **FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES.**

IS ([redacted]) AN ENEMY SURRENDERED FACILITY.
IS ([redacted]) A REPARATION FACILITY.
IS (NOT) PRODUCING FOR OCCUPATION FORCES.
IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:

HAS ([redacted]) BEEN TURNED BACK TO HOME MINISTRY
IS ([redacted]) OPERATING.
ANY OBJECTION TO REMOVAL OF ABOVE ITEMS: Yes, facility was returned to Ministry of Transportation thru the Home Ministry for use as a locomotive repair shop. The use of the shop is essential and should not be impaired.

CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.
CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR ([redacted]) (CLOSING) THE PLANT.
STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:
Yes, removal of bldgs. prior to removal of reparations machinery will jeopardize reparations equipment.

PLANT NO.: 13-52 SERIAL NO. OF FORM: Hyge 36 DATE: 31 Jan. 1947 MIL GOVT OFFICER: Albert B. Holt, Civ PREFECTURE: Hyogo

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OUR PURPOSE AND CLAIM

As the former Harima Factory of the Osaka Military Arsenal the Takasago workshop had, during the war, the consistent operation of manufacturing unfinished gun-barrels, and, since the end of the war, the Osaka Division of the Government Railway had a project to make use of it as the substitute for the davastated Takatori Workshop by the air-raid.

Domestically speaking, Japanese Minister of Finance gave us the permission for the temporary use of the said workshop, December 21, 1945, but the workshop was appointed by the directive of the SCAP a reparation plant on the 20th of January 1946, and all the reparation machines were put under the control of the Financial Ministry, who entrusted it to myself and I am taking custody of them at present. The Osaka Division has now submitted to the Military Government concerned an application for the temporary use of the ground and the buildings of the said workshop for the purpose of putting into operation the repairing work of the rolling stocks, and the permission is likely to be given before long.

On the other hand, with the intension to carry out the destroyed weapon disposal since the war's end, the Committee for the disposal of the destroyed implements of war was given the permission for the use of some electric furnaces of the said workshop, and then the Transportation Ministry has been left by the Comittee, May 10, 1946, in charge of putting operation the disposal of the destroyed ammunition, and this operation is going on at present in the said workshop.

As the said workshop is, at present, taking custody of the reparation machines, we must do our best to fulfil our duty by means of holding and preserving the necessary materials for both the maintenance and transit of the said reparation objects. The said workshop has made plans for the future to carry out both the disposal work of the destroyed weapons and the repairing of the rolling stocks; the following table shows the annual turnout:

Kinds of Work	Annual Amount
1) Ammunition Disposal	20,000 tons
2) Major repairing of passenger cars	800 cars
3) Minor repairing of passenger cars	150 cars
4) Major repairing of freight cars	2,000 cars
5) Minor repairing of freight cars	5,000 cars

To carry out the plans above mentioned we are driven by necessity to hold materials for the ammunition disposal and the rolling stock repairing, and, needless to say, materials for equipments and repairing in general to keep the whole workshop running.

The present work of the destroyed weapon disposal is the most pressing one, and all present things taken together, the rolling stock repairing is also very important;

[illegible] war was given the permission for the use of some electric furnaces of the said work-shop, and then the Transportation Ministry has been left by the Committee, May 10, 1946, in charge of putting operation the disposal of the destroyed ammunition, and this operation is going on at present in the said workshop.

As the said workshop is, at present, taking custody of the reparation machines, we must do our best to fulfil our duty by means of holding and preserving the necessary materials for both the maintenance and transit of the said reparation objects. The said workshop has made plans for the future to carry out both the disposal work of the destroyed weapons and the repairing of the rolling stocks; the following table shows the annual turnout:

Kinds of Work	Annual Amount
1) Ammunition Disposal	20,000 tons
2) Major repairing of passenger cars	800 cars
3) Minor repairing of passenger cars	150 cars
4) Major repairing of freight cars	2,000 cars
5) Minor repairing of freight cars	5,000 cars

To carry out the plans above mentioned we are driven by necessity to hold materials for the ammunition disposal and the rolling stock repairing, and, needless to say, materials for equipments and repairing in general to keep the whole workshop running.

The present work of the destroyed weapon disposal is the most pressing one, and all present things taken together, the rolling stock repairing is also very important; therefore, materials for these operations are by all means necessary for us.

Sakuo Omodaka

Sakuo Omodaka
Chief of the Takasago Workshop,
The Osaka Division of
the Government Railway.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [illegible]

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

Description of Marks

Equipments for non-reparation objects	G. Needed for the operation of the disposal of the destroyed implements of war.
	H. Needed for the operation of rolling stock repairing.
	I. Needed to excute the above-mentioned G and H operations and for the maintenance of the reparation objects.
	J. Desirable to use for supply and repairing.
	K. Others.
Equipments for reparation objects	L. Needed for the operation of the disposal of the destroyed implements of war. (in process of application for exception to the Ministry of Finance)
	M. Needed for the operation of rolling stock repairing. (in process of application for exception to the Ministry of Transportation)
	N. Needed to excute the L and M operations of the disposal and repairing and for the maintenance of the reparation objects.
	O. Others.

MGP 37

REPARATIONS PLANTS MATERIALS

NAME OF PLANT, LABORATORY, OR ARSENAL
THE HARIMA FACTORY OF THE OSAKA MILITARY ARSENAL

DATE: 22. 1. 24

LOCATION
ARAI-MURA, KAKO-GUN, HYOGO-KEN JAPAN

General Contractors Association of Japan
Hyogo Prefecture Branch

Kano-gumi
Kamagi Kano
T. Tsuda

SIGNATURE OF OWNER OR CUSTODIAN

** SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER

Sakuo Omodaka

INSTALLED MATERIALS AND SUPPLIES

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	REMARKS

FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES

IS (NOT) AN ENEMY SURRENDERED FACILITY
IS (NOT) A REPARATION FACILITY
IS (NOT) PRODUCING FOR OCCUPATION FORCES.
IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING.

HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY
IS (NOT) OPERATING.
ANY OBJECTION TO REMOVAL OF ABOVE ITEMS:

CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST
CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR (REOPENING) (CLOSING) THE PLANT
STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEMS:

PLANT NO. ______ SERIAL NO. OF FORM: ______ DATE: ______ MIL GOVT OFFICER: ______ PREFECTURE: ______

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

.015 × .15 × 3.60	m²	90	.4	I Farm Office.
.012 × .15 × 3.60	"	900	5.4	
Wire. 1.6 mm²		120	.0024	
" 2.0 mm²		160	.004	
Insulators (Knob Type)		150	.008	
House. No. 513				
Lumbers. .12 × .12 × 1.80		18	.23	J.
.105 × .105 × 3.00		97	1.6	
.09 × .09 × 3.00		100	1.2	
.105 × .15 × 3.60		36	1.0	
.105 × .15 × 3.00		9	.24	
.105 × .15 × 1.80		18	.25	
.105 × .06 × 3.00		72	.68	
.105 × .06 × 1.80		36	.20	
.105 × .045 × 1.80		36	.15	
.015 × .15 × 3.60	m²	150	1.10	
Galvanized Sheet Irons. .90 × 180		320	1.376	
House. No. 491~494				
Lumbers. .12 × .15 × 4.50		150	6.00	
.12 × .15 × 3.60		400	13.00	
.12 × .12 × 3.60		[illegible]	[illegible]	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

	.105	×	.06	×	1.80		36	.20	
	.105	×	.045	×	1.80		36	.15	
	.015	×	.15	×	3.60	m²	150	1.10	
Galvorized Sheet Irons.	.90 × 1.80						320	1.376	
House. No. 491 ~ 494									
Lumbers.	.12	×	.15	×	4.50		150	6.00	
	.12	×	.15	×	3.60		400	13.00	
	.12	×	.12	×	3.60		250	6.50	
	.12	×	.12	×	3.00		1400	10.00	
	.105	×	.105	×	3.60		1.325	26.00	
	.018	×	.09	×	3.60	m²	1.300	5.38	
	.012	×	.12	×	1.80	"	2.750	35.50	
	.09	×	.18	×	1.80	"	4200	37.80	-30
Hoses.	.075				15.00		2	0.12	
Nozzles.							2	0.006	
Joint.							1	0.020	
Transformer.	20 KVA						1	0.18	
Wire.	1.6 mm²					m	800	0.32	
	2.0 mm²					"	400	0.24	
Insulators Knob Type							250	0.025	
Cord Pendants.							40	0.032	
Tatamies.	.95 × 1.97						920	22.2	
Stools.							32	0.13	
Urinals.							56	0.28	

I Lodging House

DECLASSIFIED E.O. 12065 SECTION 3-402/NND NO.

	.12 ×	.12 ×	3.60		.200	[illegible]
	.105 ×	.105 ×	3.60		1.325	.26.10
	.018 ×	.09 ×	3.60	m²	1.300	5.38
	.012 ×	.12 ×	1.80	"	2.750	36.50
	.09 ×	.18 ×	1.80	"	1.200	39.80
Hoses.	.075		15.00		2	0.22
Nozzles.					2	0.006
Joint.					1	0.020
Transformer.	20 KVA	1 phase			1	0.18
Wire.	1.6 mm²			m	800	0.32
	2.0 mm²			"	400	0.24
Insulators: Knob Type					250	0.123
Cord Pendants.					20	0.032
Tatamis.	.95 × 1.97				920	32.2
Stools.					32	0.13
Urinels.					56	0.28

—30

I Lodging House

House No. 533

Lumbers:	.135 ×	.135 ×	3.60	81	2.12
	.135 ×	.135 ×	3.00	42	1.15
	.135 ×	.135 ×	2.10	2	.038
	.135 ×	.135 ×	1.80	56	0.925
	.135 ×	.135 ×	1.20	84	0.91
	.12 ×	.12 ×	3.00	40	.865
	.105 ×	.105 ×	4.50	40	.99
	.105 ×	.105 ×	2.70	609	20.55
	.105 ×	.105 ×	[illegible]	[illegible]	7.13

DECLASSIFIED E.O. 12065 SECTION 3-402/NNG NO.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

	.135	×	.135	×	2.10		2	.070	
	.135	×	.135	×	1.80		56	0.925	
	.135	×	.135	×	1.20		84	0.91	
	.12	×	.12	×	3.00		40	.865	
	.105	×	.105	×	4.50		40	.99	
	.105	×	.105	×	2.70		609	20.55	
	.135	×	.21	×	6.00		42	7.63	
	.135	×	.21	×	5.40		63	4.88	
	.135	×	.21	×	3.60		42	2.12	-4
	.135	×	.06	×	5.40		42	.92	
	.12	×	.06	×	1.80		184	2.48	
	.12	×	.06	×	1.20		84	.36	
	.015	×	.12	×	3.60	m²	30	.23	
	.009	×	.15	×	1.80	"	60	.27	
Wire	1.6 mm					m	160	.006	
	2.0 mm²					"	50	.003	
Insulators (Knob Type)							100	.005	
Chain Pendants.							20	.002	

I Dining House & Club House.

House. No. 513

Lumbers.	.15	×	.15	×	3.60		28	1.14	
	.12	×	.12	×	3.60		270	7.0	
	.12	×	.12	×	2.70		54	1.05	
	.12	×	.12	×	2.10		108	1.63	

DECLASSIFIED E.O. 12065 SECTION 3-402/NND3 NO.

.12	×	.12	×	2.10		108	1.63		
.105	×	.105	×	3.60		108	2.14		
.105	×	.105	×	1.20		287	1.9		
.12	×	.18	×	9.90		54	.63	-4	I Ware House.
.12	×	.18	×	5.40		108	.63		
.12	×	.06	×	3.60		216	2.61		
.12	×	.06	×	2.40		216	1.35		
.12	×	.06	×	1.00		216	1.4		
.015	×	.15	×	1.80	m²	1.950	4.0		
.105 ϕ			×	3.60		640	1.0		
Galvanized Sheet Irons.		.90	×	1.80 28#		400	2.000		
		.90	×	.90 28#		125	315		

House. No. 513.

Lumbers. .15	×	.15	×	3.60		9	.04		
.12	×	.12	×	3.60		100	2.6		
.12	×	.12	×	2.70		20	.38		
.12	×	.12	×	2.10		40	.6		
.105	×	.105	×	3.60		40	.79		
.105	×	.105	×	1.20		40	.26		
.12	×	.18	×	9.90		20	2.71	-4	
.12	×	.18	×	5.40		40	3.38		
.12	×	.06	×	3.60		80	1.0		
.12	×	.06	×	2.40		80	.7		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

.12 × .06 × 1.80		70	.515					I Ware House.
.015 × .15 × 1.80	m²	720	5.4					
.105 ϕ × 3.60		240	6.72					
Galvanized Sheet Iron. .90 × 1.80		240	1.200					
" .90 × .90		80	.200					
House. No. 307. 308. 310.								
Lumbers. .15 × .15 × 8.10		114	19.05					
.15 × .15 × 7.20		228	15.5					
.15 × .15 × 4.50		285	14.5					
.15 × .15 × 3.60		432	17.5					
.15 × .15 × 3.00		570	17.3					
.15 × .15 × 1.80		456	9.2					
.135 × .135 × 1.20		228	2.5					
.12 × .12 × 3.60		114	2.96					
.105 × .105 × 3.00		2850	47.0					House. No. 307 H ~~Work Shop~~ Ware House
.15 × .21 × 3.60		72	4.1				-27	" No. 308. ~~310~~ G Ware House.
.12 × .06 × 3.60		456	5.9					H. ~~Ware Hou~~ Work Shop No. 310
.12 × .06 × 2.40		456	3.94					
.12 × .06 × 1.80		456	2.95					
.09 × .045 × 3.00		456	2.8					
.015 × .15 × 3.60	m²	1800	13.5					
Galvanized Iron. .90 × 1.80 28#		4560	22.700					

	.15 × .15 × 1.80		456	9.2	
	.135 × .135 × 1.20		228	2.5	
	.12 × .12 × 3.60		114	2.96	
	.105 × .105 × 3.00		2.850	47.0	
	.15 × .21 × 3.60		72	4.1	-29
	.12 × .06 × 3.60		456	5.9	
	.12 × .06 × 2.40		456	3.94	
	.12 × .06 × 1.80		456	2.95	
	.09 × .045 × 3.00		456	2.8	
	.015 × .15 × 3.60	m^2	1.800	13.5	
Galvanizet Sheet **Irons.**	.90 × 1.80 28#		4560	22.700	
Wire.	1.6 mm		1200	.48	
	3.5 mm		300	.13	
Insulators (Knob Type)			750	.0375	
Pipe Pendants.			40	.002	
Transformers.	20 KVA 1 Phase		3	.54	

House. No. 313

Lumbers.	.15 × .15 × 8.10	20	7.84	
	.15 × .15 × 4.50	50	3.52	
	.15 × .15 × 3.60	78	3.16	
	.15 × .15 × 3.00	1.00	3.36	
	.15 × .15 × 1.80	60	1.2	
	.15 × .15 × 1.20	40	.54	
	.135 × .135 × 1.20	40	.04	

House. No. 307 H ~~Work Shop~~ Ware House

" No. 308. ~~HO~~ G Ware House.

H. ~~Ware Hou~~ Work Shop No. 310

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

Lumbers	.15 × .15 × 8.10		20	1.94	
	.15 × .15 × 4.50		50	3.52	
	.15 × .15 × 3.60		78	3.16	
	.15 × .15 × 3.00		100	3.36	
	.15 × .15 × 1.80		60	1.2	
	.15 × .15 × 1.20		40	.54	
	.135 × .135 × 1.20		40	.44	
	.12 × .12 × 3.60		22	.57	I Ware House
	.105 × .105 × 3.00		420	7.0	— 4
	.15 × .21 × 3.60		12	.68	
	.12 × .06 × 3.60		80	1.05	
	.12 × .06 × 2.40		80	.69	
	.12 × .06 × 1.80		80	.52	
	.09 × .045 × 3.00		80	.38	
	.015 × .15 × 3.60	m^2	22	.16	
Galvanized Sheet Irons	.90 × 1.80 28#		880	4.400	
House. No. 125					
Lumbers	.12 × .12 × 3.60		417	16.8	
Galvanized Sheet Irons	.90 × 1.80 28#		490	2.450	
Angle	75mm × 75mm × 6mm 8.00m		48	2.26	
	70 × 70 × 8 8.00		48	3.22	
	60 × 60 × 7 10.00		42	2.18	
	60 × 60 × 7 5.00		216	6.61	
	60 × 60 × 7 4.00		162	4.55	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

	.12 × .12 × 3.60		417	16.8	
Galvanized Sheet Irons	.90 × 1.80	.287	690	2.450	
Angle	.75 mm × 75 mm × 6 mm	8.00 m	48	2.26	
	70 × 70 × 7	8.00	48	3.22	
	60 × 60 × 7	10.00	42	2.288	
	60 × 60 × 7	5.00	216	6.671	
	60 × 60 × 7	4.00	162	4.455	
	60 × 60 × 7	3.00	96	1.799	
	60 × 60 × 7	2.00	48	.66	
	60 × 60 × 7	1.00	72	.445	
	60 × 60 × 7	3.00	216	4.41	— 80
	45 × 45 × 6	3.00	42	.597	
	45 × 45 × 6	2.00	42	.088	
	125 × 75 × 13	4.00	24	1.82	
Plate	270 × 12	4.00	24	2.42	
	300 × 12	8.00	24	5.7	
	200 × 6	7.00	360	23.9	
Transformers	10 KVA 1 Phase		2	.24	
	20 KVA 1 Phase		1	.18	
Insulators (Pin Type)			42	.002	
Pipe Pendants			15	0.012	

9. Ware House & Work Shop.

House. No. 304.

Lumbers.	.18 × .18 × 3.00		15	0.670	
	.12 × .12 × 5.40		96	3.700	
	.12 × .12 × 2.60		[illegible]	[illegible]	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

20KVA 1 Phase		1	.18			
Insulators (Pin Type)		42	.002			
Pipe Pendants		15	0.012			
House No. 304.						
Lumbers. .18 × .18 × 3.00		15	0.670			G. Ware House.
.12 × .12 × 5.40		96	3.700			
.12 × .12 × 3.60		64	1.650			
.12 × .12 × 3.00		32	0.670			
.12 × .12 × 1.80		96	1.240			
.12 × .12 × 1.20		64	0.550			
.105 × .105 × 3.60		192	3.800			
.105 × .105 × 1.80		32	0.320			
.12 × .06 × 3.00		126	1.360			
.105 × .06 × 1.50		256	1.210			
.09 × .045 × 1.80		96	0.700		-4	
.015 × .15 × 1.80	m²	90	0.670			
Galvanized Sheet Irons. .90 × 1.80 28#		1,050	5,250			
Wire. 5 mm²	m	240	0.054			
Insulators (Knob Type)		120	0.006			
Pipe Pendants.		3	0.0024			
Transformer 10KVA 1 Phase		1	0.[illegible]0			
" 20KVA 1 Phase		1	0.180			INV. CODE NO. ?
" 5KVA 1 Phase		1	0.100			

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. ______

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

House. No. 3?1				ton		
Lumbers.	m .15 × .18 × 5.40		41	2.50		I Ware House
	.15 × .18 × 9.00		41	5.00		
	.15 × .18 × 8.20		82	9.00		
	.15 × .18 × 3.60		41	.50		
	.15 × .15 × 2.70		82	2.00		
	.12 × .12 × 3.60		1.020	25.00		
	.06 × .15 × 3.60		40	6.60	5	
	.15 × .06 × 1.80		114	1.30		
	.045 × .12 × 3.60		320	3.00		
	.012 × .15 × 3.60	m^2	300	1.80		
Galvanized Sheet Irons.	.90 × 1.80 27"		2500	10.60		
Transformer.	20KVA 1 Phase		1	.18		
Wire	1.6 mm²	m	560	.03		
	2.0 mm²		560	.04		
Insulators (Knob Type)			560	.108		
House. No. 517				Ton		
Lumbers.	m .12 × m .12 × m 3.60		22	.52		
	.12 × .12 × 4.50		22	.64		
	.12 × .12 × 1.50		33	.32		
	.01 × .12 × 1.50		44	.21		
	.0.6 × .12 × 1.20		20	.10		
	[illegible] × 3.60		130	2.41	2	

House No. 517

				Ton	
Lumbers	.12 × .12 × 3.60		22	.52	J
	.12 × .12 × 4.50		22	.64	
	.12 × .12 × 1.50		33	.32	
	.06 × .12 × 1.50		44	.21	
	.06 × .12 × 1.20		20	.10	
	.10.5 × .105 × 3.60		130	2.47	2
	.105 × .105 × 2.70		11	.28	
	.137 × .137 × 2.40		11	.40	
	.18 × .015 × 1.80	m²	32	.216	
	.015 × .15 × 1.80		62	.40	
Tatamies	.95 × 1.97		12	.37	
Galvanized Sheet Irons	.90 × 1.80 27#		528	2.30	
"	.90 × .00 27#		264	.53	

House No. 308

Lumbers	.15 × .15 × 5.40		30	1.08	I Ware House
	.15 × .15 × 4.50		45	2.34	
	.15 × .15 × 3.60		75	3.31	
	.15 × .15 × 3.00		30	1.0	
	.15 × .15 × 1.80		30	.66	
	.105 × .105 × 3.00		300	5.0	
	.06 × .15 × 3.00		90	1.2	
	.06 × .12 × 2.70		60	.06	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

DECLASSIFIED E.O. 12065 SECTION 3-402/NND NO.

.15 × .15 × 4.50		48	2.35				
.15 × .15 × 3.60		75	3.31				
.15 × .15 × 3.00		30	1.0				
.15 × .15 × 1.80		30	.66				
.105 × .105 × 3.00		300	5.0				
.06 × .15 × 3.00		90	1.12				
.06 × .12 × 2.70		60	.06				I Ware House
.06 × .12 × 1.80		60	.04				
.015 × .15 × 3.60	m²	95	.72		3		
Galvanized Sheet Irons. .90 m × 1.80 m 28#		600	2.50				
Transformers 5 KVA 1 Phase		2	.045				
Wire. 1.6 mm²	m	14	.002				
" 2.0 mm²	"	50	.002				
Pipe Pendants		14	.001				
Insulators (Knob Type)		90	.0005				
House. No 103							
Lumbers. .165 m × .165 m × 3.00 m		1	.3				
.12 × .12 × 4.50		96	2.70				
.12 × .12 × 5.40		48	1.90				
.12 × .12 × 3.60		48	1.15				
.12 × .12 × 3.00		108	2.30				
.12 × .12 × 1.80		96	2.1				
.105 × .105 × 3.60		276	5.5				
.105 × .105 × 1.80		50	.5				

.12	×	.12	×	5.40		48	1.90		
.12	×	.12	×	3.60		48	1.15		
.12	×	.12	×	3.00		108	2.30		
.12	×	.12	×	1.80		96	2.1		
.105	×	.105	×	3.60		276	5.5		
.105	×	.105	×	1.80		50	.5		
.09	×	.21	×	3.60		24	.82		
.12	×	.075	×	1.80		54	.44	-3	I Ware House.
.045	×	.12	×	2.70		192	1.4		
.045	×	.105	×	1.80		146	.56		
Galvanized Sheet Iron		.90	×	1.80		900	2.94		
Wire.		16^{mm^2}			m	120	.0024		
		2.0^{mm^2}				50	.003		
Pipe Pendant						12	.01		
Insulator (Knob Type)						90	.009		
House. No. 517.314									
Lumbers.	.12	×	.15	×	4.50		21	.10	
	.12	×	.15	×	3.60		21	.65	
	.12	×	.15	×	1.80		15	.24	
	.12	×	.12	×	1.50		30	.32	
	.105	×	.105	×	3.60		140	2.50	
	.06	×	.105	×	1.50		42	.19	-1 I Office of Labour Union.
	.015	×	.15	×	3.60	m^2	92	.69	
Tamiel	.95	×	1.95				65		

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2.0...			80	.003		
Pipe Pendant.			12	.01		
Insulator (Knob Type.)			90	.009		
House. No. 517. 314						
Lumbers.	.12 × .15 × 4.50		21	.70		I Office of Labour Union.
	.12 × .15 × 3.60		21	.65		
	.12 × .15 × 1.80		15	.24		
	.12 × .12 × 1.50		30	.32		
	.105 × .105 × 3.60		140	2.50		
	.06 × .105 × 1.50		42	.19	-1	
	.015 × .15 × 3.60	m^2	92	.69		
Tatamies.	.90 × 1.95		55			
Galvanized Sheet Irons.	.90 × 1.80		90	.37		
Transformer.	20 KVA 1 Phase		1	.18		
House. No. 514						
Lumbers.	.12 × .12 × 3.60		63	1.6		
	.12 × .12 × 3.00		21	.5		
	.12 × .12 × 1.50		63	.8		
	.105 × .105 × 3.60		120	2.5		
	.12 × .06 × 1.50		80	.27		
	.105 × .045 × 3.00		50	.35	-2	
	.045 × .045 × 3.80		80	.32		

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Ware House.								
Lumbers.	.09	× .09	× 3.00		86	1.040		G. Material House
	.12	× .06	× 3.00		6	0.065		
	.09	× .06	× 3.00		30	0.240		
	.015	× .15	× 3.60	m²	30	0.225		
Galvanized Sheet Irons.		.90 × 1.80	28#		160	0.800		
House. No. 312.								
Lumbers.	.18	× .18	× 3.00		28	1.350		G. Ware House.
	.137	× .137	× 7.30		279	19.300		
	.137	× .137	× 3.60		93	3.180		
	.137	× .137	× 2.70		90	2.280		
	.137	× .137	× 1.80		279	4.700		
	.137	× .137	× 1.20		189	2.140		
	.12	× .12	× 3.60		93	2.560		
	.12	× .12	× 2.00		40	0.866		
	.12	× .12	× 1.70		186	2.400		
	.105	× .105	× 3.60		690	13.700		
	.09	× .18	× 3.60		61	1.750	−10	
	.137	× .06	× 1.80		744	5.500		
	.12	× .06	× 3.60		46	0.600		
	.12	× .06	× 2.00		200	2.180		
	.105	× .045	× 1.70		186	0.770		
	.015	×						

Item	Size	Unit	Quantity	Amount		Remarks
	.09 × .18 × 3.60		61	1.450	-10	G. Ware House.
	.137 × .06 × 1.80		744	5.500		
	.12 × .06 × 3.60		46	0.600		
	.12 × .06 × 3.00		200	2.180		
	.105 × .045 × 1.80		186	0.790		
	.015 × .15 × 3.60	m²	408	0.810		
Galvanized Sheet Irons.	90 × 1.80		1.600	8.000		
Wire	1.6 mm	m	300	0.013		
	1.60 mm²		100	0.018		
Insulators (Knob Type)			200	0.010		
Pipe Pendants.			5	0.004		
House. No. 516						
Lumbers.	.12 × .12 × 4.50		24	0.978		
	.12 × .12 × 3.60		24	0.625		
	.12 × .12 × 3.00		8	0.170		
	.12 × .12 × 1.80		8	0.110		
	.12 × .12 × 1.50		40	0.430		
	.105 × .105 × 3.60		48	1.750		
	.105 × .15 × 3.60		16	0.450		G. Bycycle House.
	.015 × .15 × 1.80	m²	720	5.400		
Galvanized Sheet Irons.	90 × 1.80 28#		390	1.950		
Turbin Pumps	10HP. Lift 20m. Capacity 1.25 m³/min.		2	0.600	—	M 13-52-163-166.
Turbin Pumps.	10HP. Lift 22.5m. Capacity. 1.2 m³/min.		2	0.600		
Turbin Pumps.	15HP. Lift 25m. Capacity. 5 m³/min.		1	0.300		M 13-52-152

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[illegible] × [illegible] × 3.60	16	0.430	4. Bicycle House
.015 × .15 × 1.80 m²	720	5.400	
Galvanized Sheet Irons. 90 × 1.80 28#	390	1.950	
Turbin Pumps. 10 H.P. Lift 20 m. Capacity 1.25 m³/min.	2	0.600	M 13-52-163-166
Turbin Pumps. 10 H.P. Lift 22.5 m. Capacity 1.2 m³/min.	2	0.600	
Turbin Pumps. 15 H.P. Lift 25 m. Capacity 5 m³/min.	1	0.300	M 13-52-152
Centrifugal Pumps. 15 H.P. Lift 15 m. Capacity 38 m³/min.	2	0.700	M 13-52-155-171
Transformers 5 KVA 1 Phase	2	0.200	M 13-52-153-154
Boards (High Pressure)	2	1.600	M 13-52-170-171
Board. (Low Pressure)	1	0.600	
Transformers. 20 KVA 1 Phase	2	0.240	M 13-52-172
Boards (High Pressure.)	6	4.800	
Board. (Low Pressure.)	1	0.600	
Transformers 20 KVA 1 Phase	2	0.240	
Insuleters. (High Pressure.)	15	0.030	
Disconnect Switches	18	0.500	
Transformers. 300 KVA 3 Phase	2	7.000	M. 13-52-174-175
" 30 KVA 1 Phase	1	0.250	
Boards. (High Pressure.)	3	1.500	
Boards. (Low Pressuses.)	3	0.900	
Insuletors. (High Pressure.)	35	0.070	
Disconnect Switches.	24	0.720	
Transformers. 300 KVA 3 Phase.	2	5.000	M. 13-52-160-161
" 30 KVA 1 Phase.	1	0.200	H INV. CODE NO.
Boards. (High Pressure.)	[illegible]	[illegible]	D 13-52-162

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Insulators (High Pressure)	35	[illegible]		
Disconnect Switches.	24	0.720		
Transformers. 300KVA 3 Phase.	2	5.000		M.13-52-160-161
" 30KVA 1 Phase.	1	0.200		H INV. CODE NO. 0 13-52-162
Boards. (High Pressure.)	2	1.000		
Boards (Low Pressure)	2	0.600		M 13-52-160-161
Insulators (High Pressure)	48	0.096		
Disconnect Switches	36	1.000		
Boards. (High Pressure.)	9	4.500		M 13-52-163-166
Insulators (High Pressure)	18	0.036		
Disconnect Switches	15	0.030		
Boards (High Pressure.)	2	1.000		
Boards (Low Pressure.)	2	0.600		
Transformer. 300KVA. 3 Phase.	1	2.500		M 13-52-169
" 30KVA. 1 Phase.	1	0.200		INV. NO. ?
Disconnect Switches.	20	0.600		
Insulators. (High Pressure.)	30	0.060		
House. No. 503.				
Lumbers. .15 m × .15 m × 2.10 m	10	0.235		
.12 × .12 × 4.50	40	1.300		
.12 × .12 × 3.60	40	1.050		
.12 × .12 × 3.00	40	0.850		
.12 × .12 × 2.70	40	0.780		

Boards (High Pressure.)					2	4.800		M 13-52-169 INV. NO. ?
Boards (Low Pressure.)					2	0.600		
Transformer 300KVA 3 Phase.					1	2.500		
" 30KVA 1 Phase.					1	0.200		
Disconnect Switches.					20	0.600		
Insulators (High Pressure.)					30	0.060		
House No. 503.								
Lumbers.	m .15	×	m .15	× m 2.10	10	0.235		I. Dining House & Robing Room.
	.12	×	.12	× 4.50	40	1.300		
	.12	×	.12	× 3.60	40	1.050		
	.12	×	.12	× 3.00	40	0.850		
	.12	×	.12	× 2.70	40	0.780		
	.12	×	.12	× 1.80	60	0.780		
	.09	×	.09	× 3.60	60	0.870		
	.09	×	.09	× 1.80	80	0.580		
	.045	×	.045	× 3.60	160	0.580	-6	
	.036	×	.036	× 3.60	160	0.370		
	.105	×	.30	× 3.60	6	0.034		
	.09	×	.27	× 3.60	80	0.350		
	.15	×	.21	× 3.60	10	0.570		

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	.12	×	.06	×	3.00		20	0.218	
	.105	×	.06	×	3.60		200	2.28 ~~2.280~~	
	.105	×	.06	×	1.80		20	0.113	
	.015	×	.15	×	3.60	m²	1.440	18.000	
	.009	×	.15	×	1.80	"	3.000	13.500	
House. No. 504									
Lumbers	.15 m	×	.15 m	×	2.10 m		10	0.235	
	.12	×	.12	×	4.50		40	1.300	
	.12	×	.12	×	3.60		40	1.000	
	.12	×	.12	×	3.00		40	0.860	
	.12	×	.12	×	2.70		40	0.780	
	.12	×	.12	×	1.80		60	0.780	
	.09	×	.09	×	3.60		60	0.870	
	.09	×	.09	×	1.80		80	0.650	
	.045	×	.045	×	3.60		160	0.585	
	.036	×	.036	×	3.60		160	0.372	—5
	.105	×	.36	×	3.60		6	0.3440	
	.09	×	.27	×	3.60		6	0.835	
	.15	×	.21	×	3.60		10	0.577	
	.12	×	.06	×	3.00		20	0.222	
	.105	×	.06	×	3.60		200	2.266	
	.105	×	.06	×	1.80		20	1.1152	

I Dining House & Robing Room.

	.045 ×	.045 ×	3.60		160	0.585		
	.036 ×	.036 ×	3.60		160	0.372	—5	I Dining House & Robing Room.
	.105 ×	.30 ×	3.60		6	0.3440		
	.09 ×	.27 ×	3.60		6	0.885		
	.15 ×	.21 ×	3.60		10	0.571		
	.12 ×	.06 ×	3.00		20	0.222		
	.105 ×	.06 ×	3.60		200	2.266		
	.105 ×	.06 ×	1.80		20	1.1152		
	.015 ×	.15 ×	3.60	m²	1,440	10.800		
	.09 ×	.15 ×	1.80	"	3,000	13.500		
House. No. 109								
Lumbers	.12 ×	.12 ×	4.50		1296	42.000		
	.12 ×	.12 ×	3.00		64	1.390		
	.12 ×	.12 ×	1.50		224	2.400		
	.105 ×	.105 ×	4.50		160	4.000		
	.09 ×	.18 ×	9.00		224	16.500		
	.09 ×	.18 ×	7.20		128	7.500		G Working Shop
	.09 ×	.18 ×	5.40		128	5.600		
	.12 ×	.06 ×	4.50		224	3.600		
	.12 ×	.06 ×	3.60		128	1.160		
	.12 ×	.06 ×	3.00		128	1.200		
	.12 ×	.06 ×	1.80		128	0.730		
	.12 ×	.06 ×	1.50		448	2.400		
Galvanized Sheet Irons.		.90 × 1.80	28#		2500	12.500		

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.105 × .105 × 4.50	160	4.000				
.09 × .18 × 9.00	224	16.500				
.09 × .18 × 9.20	128	9.500				T Working Shop
.09 × .18 × 5.40	128	5.600				
.12 × .06 × 4.50	224	3.600				
.12 × .06 × 3.60	128	1.160				
.12 × .06 × 3.00	128	1.200				
.12 × .06 × 1.80	128	0.830				
.12 × .06 × 1.50	448	2.400				
Galvanized Sheet Irons .90×1.80 28#	2500	12.500				
Turbin Pumps 20HP Lift 140m Capacity 4 l/sec	2	0.800				L. 13-52-114.115
Turbin Pumps 30HP	2	1.200				L. 13-52-112.113.
Worthington pumps Diameter of Cylinder 184mm	2	0.900				
Turbin Pump. 15HP	1	0.300				M. B-52-151.
Lancashire Boilers (Pressure 8 Kg/cm²)	4	8.000				
Blowers 7.5 HP	2	0.500				
Blower 3 HP	1	0.080		-37		L. 13-52-128
Turbin Pumps 20HP Lift 140m Capacity 4 l/sec	2	0.700				L. 13-52-121.122
Turbin Pumps. 30HP	2	1.000				
Blower 15HP.	1	0.500				L. 13-52-119.120 K. Poor.
Transformers 300KVA 3 phase	2	5.000				
Transformer 30KVA 1 Phase	1	0.250				
Board. (High Pressure)	1	0.500				L. 13-52-117.118.
Boards (Low Pressure)	2	0.600				
Transformer 20KVA 1 phase	1	0.180				

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Blower 3 H					
Turbin Pumps 20HP Lift 140m Capacity 4l/sec		2	0.700		L. 13-52-121. 122
Turbin Pumps. 30HP.		2	1.000		L. 13-52-119. 120
Blower 15HP.		1	0.500		K. Poor.
Transformers. 300KVA 3 Phase		2	5.000		
Transformer 30KVA 1 Phase.		1	0.250		
Board. (High Pressure)		1	0.500		L. 13-52-117. 118.
Boards (Low Pressure)		2	0.600		
Transformer 20KVA 1 phase		1	0.180		
Transformer 30KVA 1 Phase		1	0.250		
~~Boards~~ (High Pressure)		2	1.000		L. 13-52-91. 92
Board. (Low Pressure)		1	0.300		
Transformers. 300KVA 3 Phase		2	5.000		
~~Transformers 300KVA 3 Phase~~		~~1~~	~~2.500~~		
Wire. 1.6 mm 5.5 mm²	m	800	0.032		
		400	0.033		
Insulators (Knob Type)		600	0.030		T
Pipe Pendants.		40	0.032		
Motor. 10HP.		1	0.200		
Transformers. 100KVA 3 Phase.		2	2.000		
~~High Pressure Switch Board~~		~~1~~	~~[illegible]~~		
Board. (High Pressure.)		1	0.500		M. 13-52-150.
Board. (Low Pressure.)		1	0.300		
House. No. 321					
[illegible]	m	21	0.810		

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Board. (High Pressure.)					1	0.500		M. 13-52-150.
Board. (Low Pressure.)					1	0.300		
House. No. 321								
Lumbers.	.12 m	×	.12 m	×	5.40 m	21	0.810	J
	.12	×	.12	×	4.50	7	0.230	
	.12	×	.12	×	3.60	36	0.930	
	.12	×	.12	×	2.40	7	0.120	
	.12	×	.12	×	1.80	14	0.180	
	.105	×	.105	×	3.60	117	2.280	
	.105	×	.105	×	3.00	14	0.230	
	.105	×	.105	×	1.80	7	0.070	-1
	.12	×	.06	×	3.60	7	0.090	
	.12	×	.06	×	2.10	28	0.210	
	.12	×	.06	×	1.80	14	0.090	
	.12	×	.06	×	1.50	28	0.150	
	.105	×	.06	×	3.60	18	0.200	
Galvanized Sheet Iron.	.90	×	1.80		28#	301	1.500	
House. No. 323.								
Lumbers.	.12 m	×	.12 m	×	5.40 m	21	0.810	

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.12	×	.12	×	4.50	7	0.230	
.12	×	.12	×	3.60	36	0.930	
.12	×	.12	×	2.40	7	0.120	
.12	×	.12	×	1.80	14	0.180	
.105	×	.105	×	3.60	117	2.360	
.105	×	.105	×	3.00	14	0.230	-1
.105	×	.105	×	1.80	7	0.070	
.12	×	.06	×	3.60	7	0.090	
.12	×	.06	×	2.10	28	0.210	
.12	×	.06	×	1.80	14	0.090	
.12	×	.06	×	1.50	28	0.250	
.105	×	.06	×	3.60	18	0.250	
Galvanized Sheet Iron		.90 × 1.80		28#	501	1.500	

House. No. 325.

Lumbers.	.12	×	.12	×	5.40	21	0.810
	.12	×	.12	×	4.50	7	0.230
	.12	×	.12	×	3.60	36	0.930
	.12	×	.12	×	2.40	7	0.120
	.12	×	.12	×	1.80	14	0.180
	.105	×	.105	×	3.60	117	2.360
	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]

J.

House. No. 325.

Lumbers.	.12	×	.12	×	5.40	21	0.810	
	.12	×	.12	×	4.50	7	0.230	
	.12	×	.12	×	3.60	36	0.930	
	.12	×	.12	×	2.40	7	0.120	
	.12	×	.12	×	1.80	14	0.180	
	.105	×	.105	×	3.60	117	2.360	
	.105	×	.105	×	3.00	14	0.230	
	.105	×	.105	×	1.80	7	0.070	+1
	.12	×	.06	×	3.60	7	0.090	
	.12	×	.06	×	2.10	28	0.250	
	.12	×	.06	×	1.80	14	0.090	
	.12	×	.06	×	1.50	28	0.150	
	.105	×	.06	×	3.60	18	0.200	
Galvanized Sheet Iron.	.90	×	1.80		28#	301	1.500	

G. Ware House.

House. No. 130

Lumbers.	.12	×	.12	×	3.60	30	0.193
	.12	×	.12	×	3.00	30	0.145
	.105	×	.105	×	3.60	250	5.000
	.105	×	.105	×	2.70	60	0.890
	.12	×	.15	×	5.40	60	2.900
	.12	×	.15	×	4.50	60	2.440
	.09	×	.12	×	1.90	60	0.580
	.09	×	.12	×	1.20	60	0.390

J.

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House. No. 130

Lumbers.	.12 × .12 × 3.60		30	0.793		J.
	.12 × .12 × 3.00		30	0.645		
	.105 × .105 × 3.60		250	5.000		
	.105 × .105 × 2.70		60	0.890		
	.12 × .15 × 5.40		60	2.900		
	.12 × .15 × 4.50		60	2.440		
	.09 × .12 × 1.80		60	0.580		
	.09 × .12 × 1.20		60	0.390		
	.12 × .06 × 3.00		60	0.650		
	.12 × .06 × 1.80		180	1.700		
	~~.015~~ 1×1 . .15 × 1.80	m^2	4320	32.400		
Galvanized Sheet Irons. .90 × 1.80 28#			540	2.700		

House. No. ~~533~~ 324

Lumbers.	.12 × .12 × 5.40		54	2.100		I Dining House
	.12 × .12 × 3.60		50	1.300		
	.12 × .12 × 3.00		44	0.750		
	.12 × .12 × 1.80		64	0.830		
	.105 × .105 × 3.60		106	2.100		
	.105 × .105 × 1.80		20	0.200		
	.12 × .06 × 1.50		144	0.780		
	.12 × .09 × 1.80		10	0.097		
	.075 × .18 × 1.80		10	0.120		

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	.12	× .12	× 1.80		64	0.830		I Dining House
	.105	× .105	× 3.60		106	2.100		
	.105	× .105	× 1.80		20	0.200		
	.12	× .06	× 1.50		144	0.780		
	.12	× .09	× 1.80		10	0.097		
	.075	× .18	× 1.80		10	0.120		
House. No. 805								
Lumber.	.12	× .12	× 4.50		64	2.060		H Office, Dining House & Robing Room.
	.12	× .12	× 3.60		127	3.300		
	.12	× .12	× 3.00		36	0.520		
	.12	× .12	× 1.80		96	1.250		
	.09	× .09	× 3.60		224	3.260		
	.12	× .18	× 3.60		6	0.023	-6	
	.039	× .30	× 1.80		42	0.445		
	.15	× .06	× 3.60		144	2.300		
	.12	× .06	× 3.60		180	2.300		
	.12	× .06	× 1.20		128	0.550		
	.015	× .09	× 3.60	m²	2160	16.200		
	.012	× .15	× 1.80		1450	8.700		
House. No. 115								
Angle	150 mm	× 150 mm	× 11 mm	3.00 m	120	9.000		
					70	17.100		

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	.12	×	.06	×	3.60	180	2.300	
	.12	×	.06	×	1.20	128	0.550	
	.015	×	.09	×	3.60	m² 2160	16.200	
	.012	×	.15	×	1.80	1450	8.700	
~~Home~~. No. 115								
Angle	150 mm	×	150 mm	×	11 mm 3.00	120	9.000	
	100	×	100	×	10 3.00	280	12.600	
	100	×	100	×	10 8.00	240	29.000	
	75	×	75	×	6 .50	240	8.000	
	75	×	75	×	6 .90	840	50.000	
	65	×	65	×	6 4.00	360	8.350	
	65	×	65	×	6 5.00	200	5.850	
	80	×	80	×	9 1.00	680	7.200	
	100	×	100	×	10 9.00	140	21.600	
	100	×	100	×	10 4.00	240	14.400	H. Work Shop
	100	×	75	×	9 10.00	80	7.200	
	100	×	75	×	9 4.00	200	7.200	
	150	×	90	×	9 9.00	40	5.850	
Plate	400	×	12		3.00	60	6.740	
	400	×	12		1.00	40	1.500	

500 × 9		2.50	80	7.000		
400 × 9		.50	120	1.700		
450 × 12		3.00	1.200	15.200		
1150 × 12		.80	440	7.500		
200 × 9		1.20	360	0.705		
1.000 × 9		1.00	24	0.170	-53	
800 × 9		3.00	150	2.850		I
Centrifugal Pump. 5HP Lift 10m Capacity 4.67 m³/sec			1	0.200		
Centrifugal Pump. 100HP Lift 12m Capacity 24 m³/sec			1	1.600		O 13-52-459
Centrifugal Pump. 55HP Lift 20m Capacity 2 m³/sec			1	1.000		O 13-52-474.
Warthington Pump Lift 85m Capacity 5.83 m³/sec			1	0.200		N. 13-52-501
Turbin Pump. 5HP.			1	0.150		N. 13-52-497
Lancashire Boilers. 107HP Pressure 8 kg/cm²			3.	6.000		N. 13-52-498
Electric Fans. 10HP.			3.	0.750		K.
Fire Alarm Station.			1	0.080		
Wire. 5.5 mm²		m	400	0.033		
Pipe Pendants.			10	0.008		I
Insulators (Knob Type)			200	0.01		
Wire. 2 mm²		m	100	0.006		
[illegible]			50	0.025		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 1[illegible]

Electric Fans. 10HP		3	0.750			
Fire Alarm Station.		1	0.080			K.
Wire. 5.5 mm²	m	400	0.033			
Pipe Pendants.		10	0.008			I
Insulators (Knob Type)		200	0.01			
Wire. 2 mm²	m	100	0.006			
Insulators (Knob Type)		50	0.0025			
Transformers. (100KVA 3 phase.		2	2.000			M 13-52-471-472
Board. (High Pressure)		1	0.500			
Transformer. 20KVA 1 Phase.		1	0.180			I
Transformers. 200KVA 3 Phase.		3	6.000			M 13-52-478-480
Board. (High Pressure)		1	0.500			
Transformers. 200KVA 3 Phase.		2	4.000			
Board. (High Pressure)		1	0.500			M 13-52-499-500
Board. (Low Pressure)		1	0.300			
Disconnect Switches		15	0.450			
Insulators. (High Pressure)		24	0.048			
Transformer. 20KVA 1 Phase.		1	0.180			H
Transformers. 300KVA 3 Phase		2	5.000			M 13-52-481-482
Transformers 260KVA 3 Phase.		5	5.000			M. 13-52-483-487
Transformers. 20KVA 1 Phase		1	0.180			H
Boards. (High Pressure)		6	3.000			
Boards (Low Pressure)		15	4.500			M 13-52-483-487
Insulators (High Pressure)		100	0.200			

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

[illegible]						M 13-52-481-482
Transformers. 300 KVA 3 Phase				2	5.000	M. 13-52-483-487
Transformers 260 KVA 3 Phase.				5	5.000	H
Transformers. 20 KVA 1 Phase				1	0.180	
Boards. (High Pressure)				6	3.000	
Boards (Low Pressure)				15	4.500	M 13-52-483-487
Insulators (High Pressure)				100	0.200	
Disconnect Switches.				24	0.720	

House. No. 131.

Lumbers	.18 m ×	.18 m ×	3.00 m		27	0.300
	.12 ×	.12 ×	9.00		4	0.259
	.12 ×	.12 ×	6.00		12	0.518
	.12 ×	.12 ×	3.00		7	0.151
	.105 ×	.105 ×	6.00		28	0.930
	.09 ×	.09 ×	3.00		41	0.480
	.18 ×	.42 ×	7.20		9	2.230
	.18 ×	.42 ×	3.60		3	0.390
	.105 ×	.42 ×	6.00		84	10.580
	.105 ×	.42 ×	3.60		14	1.100
	.105 ×	.42 ×	3.00		14	0.926
	.12 ×	.06 ×	3.60		330	3.900
	.15 ×	.18 ×	3.60	m^2	5300	38.500
	.015 ×	.21 ×	3.60	"	750	5.100

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DECLASSIFIED E.O. 12065 SECTION 3-402/NND NO. 1

	.105 × .42 ×	3.60		14	1.100		I Work Shop, Office, Dining Room & Robing Room.
	.105 × .42 ×	3.00		14	0.926		
	.12 × .06 ×	3.60		330	3.900		
	.45 × .18 ×	3.60	m²	5300	37.500		
	.015 × .21 ×	3.60	"	750	5.100		
Galvanized Sheet Irons	.90 × 1.80	28 #		1260	6.300		
Angle	100 mm × 100 mm × 10 mm	7.00		160	16.700		
	75 × 75 × 6	7.00		576	21.420		
	75 × 75 × 6	5.00		192	6.530		
	75 × 75 × 6	10.00		64	4.352		
	75 × 75 × 6	7.00		64	3.050		
	130 × 130 × 9	7.00		32	1.562		
	130 × 130 × 9	5.00		32	2.720		
	130 × 130 × 9	4.00		32	2.170	—42	
	60 × 60 × 7	6.00		370	14.200		
	60 × 60 × 7	2.00		630	7.800		
	60 × 60 × 7	1.00		126	0.780		
	60 × 60 × 7	.40		168	0.420		
	60 × 60 × 7	.50		58	0.170		
Channel	150 × 75 × 6.5	15.00		32	8.640		
	150 × 75 × 6.5	6.00		315	35.100		
	150 × 75 × 6.5	3.00		252	13.600		
	150 × 75 × 6.5	9.00		84	13.600		
I-Beam	450 × 175 × 13	8.00		8	9.300		
	[illegible]	[illegible]		8	2.280		

	60 × 60 × 7	2.00	630	7.800	
	60 × 60 × 7	1.00	126	0.780	
	60 × 60 × 7	.40	168	0.420	
	60 × 60 × 7	.50	58	0.170	
Channel	150 × 75 × 6.5	15.00	32	8.640	
	150 × 75 × 6.5	6.00	315	35.100	
	150 × 75 × 6.5	3.00	252	13.600	
	150 × 75 × 6.5	9.00	84	13.600	
I-Beam	450 × 175 × 13	8.00	8	9.300	
	450 × 175 × 13	2.50	8	2.280	
	150 × 75 × 5.5	3.00	42	2.140	
Plate	300 × 15	2.50	32	3.800	
	300 × 15	.80	47	1.350	
Blower Diameter of Cylinder. 160 m³/min			1	1.300	N. 13-52-503
Worthington Pump. 15 HP			1	0.500	N. 13-52-502
Transformers. 300 KVA 3 Phase			2	1.000	N 13-52-508-509
Transformer. 30 KVA 1 Phase.			1	0.200	I
Boards (High Pressure.)			2	1.400	N 13-52-508-509
Boards (Low Pressure)			3	0.900	
Insulators (High Pressure)			30	0.060	
Disconnect Switches			21	0.630	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

DECLASSIFIED E.O. 12065 SECTION 3-402/NND NO.

House. No. 116.					
Centrifugal Pumps. 2HP lift 17.5 m Pressure 0.23 m³/min		3	0.150		M. 13-52-199-201
Blowers. 7.5 HP.		2	0.300		M. 13-52-182. 183.
Transformers. 300 KVA 3 Phase		2	5.000	-2	
Board. (High Pressure)		1	0.500		
Board. (Low Pressure.)		1	0.300		M.
Insulators (High Pressure)		24	0.050		
Disconnect. Switches.		15	0.450		
Transformers. 10 KVA / Phase		2	0.240		H.
Transformers 30 KVA / Phase		4	0.800		
House. No. 118					
Blower.		1	0.080		M. 13-52-46.
House. No. 102.					
Electric Fan. 15 HP		1	0.350		L. 13-52-81.
Wire. 2.0 mm	m	200	0.012		
" 3.5 mm²	"	50	0.003		
Rossetes.		36	0.010		
Transformer. 100 KVA 3 Phase.		1	1.500		
Board. High Pressure.		1	0.500		G. ~~Pattern Making House~~
Board. Low Pressure.		1	0.300	-1	

House. No. 102.

Electric Fan. 15 HP		1	0.350		L. 13-52-81.
Wire. 2.0 mm	m	200	0.012		G. ~~Pattern Making House~~
" 3.5 mm²	"	50	0.003		
Rossetes.		36	0.010		
Transformer. 100 KVA 3 Phase.		1	1.500		
Board. High Pressure,		1	0.500		
Board. Low Pressure,		1	0.300	-1	
Transformers. 10 KVA 1 Phase.		1	0.100		
Wire 2.0 mm	m	150	0.009		
Ceiling Lamps.		15	0.015		
Transformer. 200 KVA 3 Phase		1	1.500		L. 13-52-79
Board. High Pressure,		1	0.500		
Board. Low Pressure,		1	0.300		

House. No. 619

Centrifagal Pump 5 HP		1	0.150	N 13-52-18.
Transformers. 20 KVA 1 Phase,		2	0.300	M. 13-52-661.662.

~~Centrifagal Pump. 5 HP Lift. 10 m Capacity 1.67 m³/min — 1 — 0.150~~

~~Transformers. 30 KVA 3 Phase, — 6 — 1.500~~

~~Boards. High Pressure, — 2 — 1.000~~

~~Boards. Low Pressure, — 6 — 1.800~~

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

House. No. 619

Centrifagal Pump 5HP	1	0.150		N 13-52-18.
Transformers (20KVA 1 Phase)	2	0.300		M. 13-52-661. 662.

~~Centrifagal Pump. 5HP Lift. 10m Capacity 16.67 m³/min~~	~~1~~	~~0.150~~	
~~Transformers (30KVA 3 Phase)~~	~~6~~	~~1.500~~	
~~Boards (High Pressure)~~	~~2~~	~~1.000~~	
~~Boards (Low Pressure)~~	~~6~~	~~1.800~~	
~~Transformers (30KVA 1 Phase)~~	~~2~~	~~0.400~~	
~~Insulators (High Pressure)~~	~~60~~	~~0.120~~	
~~Disconnect Switches.~~	~~46~~	~~1.400~~	

House. No. 104

Centrifugal Pump. 5HP Lift 10m Capacity 16.67 m³/min	1	0.150		I
Transformers. 300KVA 3 Phase	6	15.000		M. 13-52-439~444.
Boards (High Pressure)	2	1.000		
Boards (Low Pressure)	6	1.800	-4	
Transformers. 30KVA 1 Phase	2	0.400		H
Insulators (High Pressure)	60	0.120		M. 13-52-439~444.
Disconnect Switches.	48	1.400		

House. No. 105

DECLASSIFIED E.O. 12065 SECTION 3-402/NND NO.

~~Boards (High Pressure)~~	~~2~~	~~1.000~~		
~~Boards (Low Pressure)~~	~~6~~	~~1.800~~		
~~Transformers. 30KVA 1 Phase~~	~~2~~	~~0.400~~		
~~Insulators (High Pressure)~~	~~60~~	~~0.120~~		
~~Disconnect Switches.~~	~~48~~	~~1.400~~		
House No. 104				
Centrifugal Pump. 5HP Lift 10^m Capacity $11.69 m^3/min$	1	0.150		I
Transformers. 300KVA 3 Phase.	6	15.000		M. 13-52-439~444.
Boards (High Pressure)	2	1.000		
Boards (Low Pressure)	6	1.800	-4	
Transformers. 30KVA 1 Phase	2	0.400		H
Insulators (High Pressure)	60	0.120		M. 13-52-439~444.
Disconnect Switches.	48	1.400		
House No. 105				
Turbin Pump. 25HP. lift 50^m Capacity. $1.25 m^3/min$	1	0.500		
Turbin Pumps. 50HP. Lift 50^m Capacity. $1.25 m^3/min$	2	1.500		
Vacuum Pumps. 5HP.	2	0.200		
Centrifugal Pumps. 150HP Lift 34.5^m Capacity $12.5 m^3/min$	2	4.000		
Centrifugal Pumps. 75HP. Lift 34.5^m Capacity $6 m^3/min$	2	2.000		
Centrifugal Pumps. 10HP. Lift 9.5^m Capacity $28 m^3/min$	2	0.500		N 13-52-587.
Centrifugal Pump. 15HP. Lift 12^m Capacity $3.4 m^3/min$	1	0.300		
[illegible] KVA [illegible] Phase	2	4.000		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNG NO.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

Centrifugal Pump 15HP Lift 12m Capacity 3.4 m³/min	1	0.300		N 13-52-587.
Transformers 200KVA 3 Phase.	2	4.000		
Transformer 10KVA 1 Phase.	1	0.120		
Boards (High Pressure)	6	3.000	-4	
Board (Low Pressure)	1	0.300		
Insulators (High Pressure)	83	0.170		
Oil Switches 60A	2	0.060		
House No. 121				
Gas Hot-Water Heater 20l	1	0.030		H
Fire Extinguishers.	3	0.080		K
Transformer 100KVA 3 Phase	1	1.500		N 13-52-599.
Transformers 10KVA 1 Phase	2	0.240	-1	I
Transformers 30KVA 3 Phase	3	0.750		
Boards (High Pressure)	2	1.000		N 13-52-599.
Boards (Low Pressure)	5	1.500		
Insulators (High Pressure)	40	0.080		
House No.				
Transformers 100KVA 3 Phase	4	6.000		N 13-52-791~794.
Transformer 200KVA 3 Phase	1	2.000		N 13-52-619
Transformer 100KVA 1 Phase	2	2.000		

House. No. 121

Gas Hot-Water Heater. 20l	1	0.030		H
Fire Extinguishers.	3	0.080		K
Transformer: 100 KVA 3 Phase,	1	1.500		N 13-52-599.
Transformers: 10 KVA 1 Phase,	2	0.240	–1	} I
Transformers: 30 KVA 3 Phase,	3	0.750		} I
Boards: High Pressure,	2	1.000		} N 13-52-599.
Boards: Low Pressure,	5	1.500		} N 13-52-599.
Insulators: High Pressure,	40	0.080		} N 13-52-599.

House. No.

Transformers. 100 KVA 3 Phase.	4	6.000		N 13-52-791~794.
Transformer 200 KVA 3 Phase.	1	2.000		N 13-52-619

Transformers. 100 KVA 1 Phase.	2	2.000		} N 13-52-68~75
Board: High Pressure,	1	0.500		} N 13-52-68~75
Board: Low Pressure,	1	0.300		} N 13-52-68~75

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House No. 203.				
Transformers. 100 KVA / Phase	3	3.000		N 13-52-724-726
Transformers. 50 KVA / Phase	2	0.600	-2	
Boards. (High Pressure)	2	1.000		N 13-52-690-691
Boards. (Low Pressure)	3	1.000		
Insulators (High Pressure)	110	0.220		
Disconnect Switches.	6	0.180		
Gas Hot-Water Heaters.	3	0.100		I
House. No. 110.				
Turbin Pump. 5 HP Lift. 82.5 m	1	0.150		
Warthington Pump. Dia. Of Cylinder 157 mm	1	0.300	-1	
Cornish Boilers. 70 HP. Pressure. 6 kg/cm²	2	3.500		I ~~Cook Room & Bath Room.~~
Transformers. 5 KVA / Phase	5	0.500		
Transformers. 30 KVA / Phase	2	0.500		
House. No. 111.				
Turbin pump. 7.5 HP Lift. 85 m Capacity. 0.125 m³/min	1	0.150		
Injector Pump.	1	0.080		
Blower. 2 HP	1	0.045		
Blower.	1	0.040	-1	no motor
Blower. 1 HP.	1	0.040		I ~~Medical Office.~~

Item	Qty	Value	Total	Remarks	
House. No. 111.					
Turbin pump. 7.5HP Lift. 85m Capacity. 0.125 m3/min	1	0.150			
Ingector Pump.	1	0.080			
Blower. 2HP	1	0.045			
Blower.	1	0.040	-1	no moter	
Blower. 1 HP.	1	0.040		I ~~Medical Office~~.	
Cornish Boiler. 70HP. Pressure. 6 kg/cm²	1	1.500			
Cornish Boiler. 70HP. Pressure 6 kg/cm²	1	1.500			
Cornish Boiler. Length. 1m × 4m	1	1.000		no Use	
House. No. 205					
Radiators 5 Tubular Type. 5 Tiles.	1	0.020	.040	Area of Radiation	1.15 m²
" " 6 "	9	0.200	.400	"	1.38 m²
" " 7 "	4	0.100	.200	"	1.61 m²
" " 8 "	2	0.100	.200	"	1.84 m²
" " 9 "	16	0.550	1.100	"	2.07 m²
" " 10 "	22	0.750	1.50	"	2.30 m²
" " 11 "	14	0.600	1.2	"	2.53 m²
" " 12 "	4	0.200	.4	I ~~Medical Office~~.	2.76 m²
" " 13 "	9	0.450	.90	"	2.99 m²
" " 14 "	3	0.150	.300	"	3.22 m²
" " 15 "	2	0.120	.240	"	3.45 m²
Electric Hot-Water Heater. 100V. 1500W	1	0.002	-2 .004		

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" " 11 "	14	1.600	-12	"	2.53 m²
" " 12 "	4	0.210	-4	I ~~Medical Office~~	2.96 m²
" " 13 "	9	0.450	-9	" "	2.99 m²
" " 14 "	3	0.150	-3	"	3.22 m²
" " 15 "	2	0.120	-2	"	3.45 m²
Electric Hot-Water Heater. 100V. 1500W	1	0.002			
Gas Hot-Water Heater. 20 l	8	0.020			
Refrigerators.	6	0.900			
Fire-Extinguishers.	2	0.003		Poor	
Electric Refrigerator. 1/8 HP Body 900 mm Length 550 mm	1	1.000			
Boards. (High Pressure)	2	1.000			
Boards (Low Pressure.)	3	0.900			
Transformer. 3 Phase. 100 KVA	1	1.000		13-52-603	
Transformers. 1 Phase. 30 KVA	2	0.400		13-52-692-693	
Transformers. 1 Phase. 20 KVA	2	0.300		N 13-52-694-695	
Disconnect Switches.	6	0.180			
Insulators (High Pressure)	100	0.200			
Transformers. 100 KVA. 3 phase.	4	4.000			
Transformers. 300 KVA. 3 Phase.	4	10.000			
Transformers. 10 KVA. 3 Phase.	4	0.480	-4		
Boards (High Pressure)	5	2.500			
Boards (Low Pressure)	3	0.900			

Transformers. 100 KVA. 3 phase.			4	4.000		
Transformers. 300 KVA. 3 Phase.			4	10.000	-4	
Transformers. 10 KVA. 3 Phase			4	0.480		
Boards (High Pressure)			5	2.500		
Boards (Low Pressure)			3	0.900		
Wire.	150 mm²	m	1.200	1.862		
"	100 mm²	"	37.200	37.200		
"	80 mm²	"	9.180	7.360		I Use for Transmission.
"	50 mm²	"	7.000	3.500		
"	30 mm²	"	3.160	1.000		
"	22 mm²	"	6.480	1.700	-13	
	8 mm²	"	3.720	3.800		
	5.5 mm²	"	18.220	1.512		
	3.5 mm²	"	445.160	3.000		
Fire Alarm Stations.			11	0.880		
Fire Extinguishers.			100	2.000		
Insulators (High Pressure)			200	0.400		
Insulators (High Pressure) Pin type			1.500	1.000		
Insulators (High Pressure) Pin type			1.550	1.100		

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