ASHGROVE LIME
EQUIPMENT LIST.
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

1-30-79

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. # 37F541G1 (480V, 3Ø)	13.36	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 3Ø) G.E. # 55F312AD. PYRANOL FILLED.	0.625	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER SER Nº E68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.80
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. # 6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L345KE	1.24 NON PCB	

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ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE) 1-30-79

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN 3 I.D. FAN	60 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55 L 516 KE	2.7 NON PCB.	
MCC # 2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. # 37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC # 2 ROOM.	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC # 1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC # 1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC # 3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. # 37F540G1.	3.96	109.61
CRUSHER	45 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
SHOP	30 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
SHOP MCC 8	15 KVAR CAPACITOR. 480 V, 3Ø PYRANOL FILLED. G.E. # 55 F314 AD	1.10	30.45
MCC # 6	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL. EA. G.E. # 37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME

EQUIPMENT LIST

TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

1-30-79

LOCATION	EQUIPMENT	GALS	KILOGRAMS
LIME LOADING MCC # 6	2 - 30KVA TRANSFORMERS, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF	DRY.	

ASHGROVE LIME
EQUIPMENT LIST.
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

12-30-80

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. # 37F541G1 (480V, 3Ø)	13.36	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 3Ø) G.E. # 55F312AD. PYRANOL FILLED.	0.625	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER SER Nº E68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.80
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. # 6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L345KE	1.24 NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN 3 I.D. FAN	60 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55 L 516 KE	2.7 NON PCB.	
MCC # 2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. # 37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC # 2 ROOM.	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC # 1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC # 1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC # 3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. # 37F540G1.	3.96	109.61
CRUSHER	45 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
SHOP	30 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
SHOP MCC 8	15 KVAR CAPACITOR. 480V, 3Ø PYRANOL FILLED. G.E. # 55 F314 AD	1.10	30.45
MCC # 6	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL. EA. G.E. # 37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS	KILOGRAMS
LIME LOADING MCC # 6	2 - 30KVA TRANSFORMERS, 480-120/208 V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF	DRY.	

ASHGROVE LIME
EQUIPMENT LIST.
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

12-30-81

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. # 37F541G1 (480V, 3Ø)	13.36	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 3Ø) G.E. # 55F312AD. PYRANOL FILLED.	0.625	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER SER Nº E 68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.80
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. # 6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L345KE	1.24 NON PCB	

ASHGROVE LIME

EQUIPMENT LIST

TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN 3 I.D. FAN	60 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55 L 516 KE	2.7 NON PCB.	
MCC # 2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. # 37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC # 2 ROOM.	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC # 1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC # 1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC # 3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. # 37F540G1.	3.96	109.61
CRUSHER	45 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
SHOP	30 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
SHOP MCC 8	15 KVAR CAPACITOR. 480 V, 3Ø PYRANOL FILLED. G.E. # 55 F314 AD	1.10	30.45
MCC # 6	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL. EA. G.E. # 37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME

EQUIPMENT LIST

TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS	KILOGRAMS
LIME LOADING MCC # 6	2 - 30KVA TRANSFORMERS, 480-120/208 V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF	DRY.	

ASHGROVE LIME
EQUIPMENT LIST.
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

15

12/3/82

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. # 37F541G1 (480V, 3Ø)	13.36	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 3Ø) G.E. # 55F312AD. PYRANOL FILLED.	0.625	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER SER Nº E68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.80
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. # 6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L345KE	1.24 NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN 3 I.D. FAN	60 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L516KE	2.7 NON PCB.	
MCC # 2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. # 37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC # 2 ROOM.	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC # 1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC # 1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC # 3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. # 37F540G1.	3.96	109.61
CRUSHER	45 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
SHOP	30 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
SHOP MCC 8	15 KVAR CAPACITOR. 480V, 3Ø PYRANOL FILLED. G.E. # 55F314AD	1.10	30.45
MCC # 6	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL. EA. G.E. # 37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME

EQUIPMENT LIST

TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS	KILOGRAMS
LIME LOADING MCC # 6	2 - 30KVA TRANSFORMERS, 480-120/208 V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF	DRY.	

ASHGROVE LIME
EQUIPMENT LIST.
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

12-30-83

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. # 37F541G1 (480V, 3Ø)	13.36	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 3Ø) G.E. # 55F312AD. PYRANOL FILLED.	0.625	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER SER Nº E68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.80
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. # 6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L345KE	1.24 NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN 3 I.D. FAN	60 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55 L 516 KE	2.7 NON PCB.	
MCC # 2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. # 37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC # 2 ROOM.	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC # 1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC # 1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC # 3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. # 37F540G1.	3.96	109.61
CRUSHER	45 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
SHOP	30 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
SHOP MCC 8	15 KVAR CAPACITOR. 480V, 3Ø PYRANOL FILLED. G.E. # 55 F314 AD	1.10	30.45
MCC # 6	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL. EA. G.E. # 37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS	KILOGRAMS
LIME LOADING MCC # 6	2 - 30KVA TRANSFORMERS, 480-120/208 V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF	DRY.	

ASHGROVE LIME
EQUIPMENT LIST.
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

12 - 30 - 84

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. # 37F541G1 (480V, 3Ø)	13.36	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 3Ø) G.E. # 55F312AD. PYRANOL FILLED.	0.625	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER SER Nº E68960. 12000 - 480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.80
KILN MCC ROOM	1 KVA TRANSFORMER 120/240 - 12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480 - 120/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480 - 120/208 V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480 - 120/208 V, 3Ø. # 6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480 - 120/208V, 3Ø.	DRY	
KILN 3 M12	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55L345KE	1.24 NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB's WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN 3 I.D. FAN	60 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. # 55 L 516 KE	2.7 NON PCB.	
MCC # 2 ROOM	2- 15 KVAR CAPACITOR BANK. G.E. # 37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC # 2 ROOM.	30 KVA TRANSFORMER. 480- 120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC # 1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC # 1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC # 3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. # 37F540G1.	3.96	109.61
CRUSHER	45 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
SHOP	30 KVA TRANSFORMER, 480-120/208 V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
SHOP MCC 8	15 KVAR CAPACITOR. 480V, 3Ø PYRANOL FILLED. G.E. # 55 F 314 AD	1.10	30.45
MCC # 6	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL. EA. G.E. # 37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME

EQUIPMENT LIST

TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS	KILOGRAMS
LIME LOADING MCC # 6	2 - 30KVA TRANSFORMERS, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF	DRY.	

15-1

Portland Plant

April 5, 1985

Mr. Graham D. Jones
Vice President - Production
Overland Park Office

Dear Sir:

PORTLAND PLANT
P.C.B. INVENTORY

We made the attached list of PCB filled transformers and capacitors in 1979, since that time we have not added to the list nor have we replaced any of the existing equipment with non PCB replacements.

I believe a planned replacement schedule would be preferable to any other method of containment as with the exception of our main substation most of our equipment is small and much of it is located in elevated positions either above motor control centers, stairways or other locations that would be very difficult to isolate.

We are still trying to obtain replacement costs for this equipment, but have found that to change oil or other media the discarding of the contaminated material removed would cost as much as the replacement.

This also may very well be true in replacing the entire unit, which is one of the things holding up replacement costs.

As soon as we have anything further we will forward it to you for your recommendation.

Yours truly,

William A. Kistler

WAK:tmg

Attachment

cc: R.E.W.

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

MCC3, TOP LANDING IN STAIRWELL, NORTHEAST CORNER ON THE DECK.

SIZE:

50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS-G.E. #37F5406I

PRODUCT FILLED WITH:

PYRANOL FILLED 1.98 GAL. EACH - TOTAL 3.96 GAL.

COMBUSTIBLES WITHIN 30 FEET:

NO

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

NO

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

N/A

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

NONE

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

MCC #1 - SOUTH WALL ON FLOOR.

SIZE:

60 KVAR CAPACITOR BANK OF 3-20 KVAR CAPACITORS.

PRODUCT FILLED WITH:

PYRANOL FILLED 1.67 GAL. EACH - TOTAL 5.01 GAL.

COMBUSTIBLES WITHIN 30 FEET:

NONE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

NONE

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

N/A

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

NONE

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

NOT IMMEDIATELY CRITICAL.

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

MCC #2 - SOUTH WALL ON FLOOR.

SIZE:

2-15 KVAR CAPACITOR BANK - G.E. #37F540G1

PRODUCT FILLED WITH:

PYRANOL FILLED 1.10 GAL. EACH - TOTAL 2.2 GAL.

COMBUSTIBLES WITHIN 30 FEET:

NONE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

NONE

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

N/A

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

NONE

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

KILN MCC ROOM, WEST WALL/NORTH END OF ROOM BY DOOR. 4 FEET OFF FLOOR.

SIZE:

7.5 KVAR CAPACITOR (480V, 30) G.E. # 55F312AD

PRODUCT FILLED WITH:

PYRANOL FILLED 0.625 TOTAL GAL.

COMBUSTIBLES WITHIN 30 FEET:

NONE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

YES

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

KILN CONTROL ROOM, LAB.

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

KILN CONTROL ROOM, LAB.

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

KILN MCC ROOM, WEST WALL/NORTH END OF ROOM BY DOOR, ON FLOOR.

SIZE:

2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR CAPACITORS - G.E. # 37F541G1 (480V, 30).

PRODUCT FILLED WITH:

PYRANOL FILLED 1.67 GAL EACH - TOTAL 13.36 GAL.

COMBUSTIBLES WITHIN 30 FEET:

NONE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

YES

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

KILN CONTROL ROOM, LAB.

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

KILN CONTROL ROOM, LAB.

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

MAIN SUBSTATION

SIZE:

2000 KVAR TRANSFORMER - SER. # E68960 12000-480/277V, 30 G.E.

PRODUCT FILLED WITH:

PYRANOL FILLED 385 GAL. TOTAL

COMBUSTIBLES WITHIN 30 FEET:

NONE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

NO

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

N/A

WHAT DRAINAGE IF ANY PROVIDED:

CEMENT TROUGH ENCIRCLES THE STATION AREA.

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

NONE - POSSIBLY ENTIRE PLANT IF WIND WAS RIGHT DURING FIRE.

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

MCC #8 - EAST WALL ON TOP OF BREAKER PANELS, 7 FEET OFF FLOOR.

SIZE:

15 KVAR CAPACITOR 480V, 30 G.E. # 55F314AD.

PRODUCT FILLED WITH:

PYRANOL FILLED 1.10 GAL. TOTAL

COMBUSTIBLES WITHIN 30 FEET:

GAS FURNACE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

YES

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

STOREROOM, MAINTENANCE OFFICE, LUNCH ROOM, RESTROOM.

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

STOREROOM, MAINTENANCE OFFICE, LUNCH ROOM, RESTROOM.

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES - MCC #8 ROOM POWERS THE WELL PUMP FOR ALL OUR WATER.

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

P.C.B TRANSFORMER INVENTORY

IDENTIFY:

TRANSFORMER LOCATION:

MCC #6 - WEST WALL BY DOOR ON THE FLOOR.

SIZE:

100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS G.E. # 37F541G1
480V, 30.

PRODUCT FILLED WITH:

PYRANOL FILLED 1.98 GAL. EACH - TOTAL 7.92 GAL.

COMBUSTIBLES WITHIN 30 FEET:

NONE

DUCTING IN AREA - HEAT, VENTILATION, AIR CONDITONING:

NO

WHAT AREAS SERVICED BY SAME DUCT SYSTEM:

N/A

WHAT DRAINAGE IF ANY PROVIDED:

NONE

EVALUATE:

IS A SUSTAINED FIRE POSSIBLE IN THIS AREA:

NO

WHAT OTHER AREAS WOULD BE EFFECTED BY SMOKE AND COMBUSTION BY PRODUCTS:

WAREHOUSE

ARE THESE AREAS CRITICAL TO PLANT OPERATIONS:

YES

HOW READILY CAN THESE AREAS BE DECONTAMINATED:

SIX MONTHS 1 YEAR LONGER

CAN POTENTIAL HAZARDS BE REDUCED BY INSTALLING PARTITIONS:

BY ELIMINATING OPENINGS TO VENTS OR THRU WALLS:

INITIATE WORKING PLAN TO REDUCE POTENTIAL THREATS:

REPLACEMENT POSSIBILITY ESTIMATED COST:

RETROFILL POSSIBILITY ESTIMATED COST:

ISOLATION POSSIBILITY ESTIMATED COST:

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

12-30- 1986

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. 37F541G1 (480V,3Ø)	13.36	369.8
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V,3Ø) G.E. #55F312AD. PYRANOL FILLED	0.625	17.3
MAIN SUBSTATION	2000 KVA TRANSFORMER SER No. E68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.8
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM,	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120 - 12/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480 - 120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. #6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12 (#3 Combustion Fan)	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. #55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. #55L345KE	1.2 4 NON PCB	
KILN 3 I.D. FAN (Exhaust Fan)	60 KYAR CAPACITOR. DIELEKTROL FILLED. G.E. #55L516KE	2.7 NON PCB	
MCC #2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. #37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC #2 ROOM	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC #1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC #1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC #3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. #37F540G1.	3.96	109.61
CRUSHER	45KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
STORES	30KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
STORES MCC 8	15 KVAR CAPACITOR. 480V, 3Ø PYRANOL FILLED. G.E. #55F314AD	1.10	30.45
MCC #6	100 KVAR CAPACITOR BANK OF 4-25KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL.EA. G.E. #37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
LIME LOADING ON TOP MILL OFFICE	2-30 KVA TRANSFORMERS, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE, PLANT	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
KILN MCC #9	TRANSFORMER 25 KVA 240/480 VOLTS TYPE 5	DRY	
AG MILL SUB STATION	TRANSFORMER, 3750/4200 KVA SER. # SET 4045-0101 12500-2400 VOLTS CLASS OA OIL INSULATED	403 NON PCB	
AG MILL SUB STATION	TRANSFORMER, 1000/1120 KVA SER. # PAT 2400-480/277 VOLTS 1945-0101 CLASS OA OIL INSULATED	156 NON PCB	
AG MILL MCC ROOM	TRANSFORMER 50 KVA, SER.#, TYPE QL-WITH WP KIT NAME-QHT, QUIET TRANSFORMER 120/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM * 3 EACH	TRANSFORMER 3 KVA TYPE EPT T6E3017, 480/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM	TRANSFORMER 10 KVA SER # EY 240/480 VOLT BREAKER TYPE	NON PCB	
COAL MCC	TRANSFORMER 10 KVA CAT. NO.# T10s1F 240/480-120/240 VOLTS	DRY NON PCB	
MAINTENANCE SHOP	TRANSFORMER 15 KVA TYPE S 480 120/240 VOLTS	DRY NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

12-30-87 151

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR PYRANOL FILLED CAPACITORS (1.67 GALS EACH) G.E. 37F541G1 (480V,3Ø)	13.36	369.8
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V,3Ø) G.E. #55F312AD. PYRANOL FILLED	0.625	17.3
MAIN SUBSTATION	2000 KVA TRANSFORMER SER No. E68960. 12000-480/277 V, 3Ø G.E. PYRANOL FILLED	385.	10656.8
KILN MCC ROOM	1 KVA TRANSFORMER 120/240-12/24 V, 1Ø. ZINSCO. AIR COND. & HEATING - WITH FURNACE ROOM,	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120 - 12/240 V, 1Ø, TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480 - 120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480-120/208 V, 3Ø. #6T1086. MCM.	DRY	
MCC 10	30 KVA TRANSFORMER. 480-120/208V, 3Ø.	DRY	
KILN 3 M12 (#3 Combustion Fan)	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. #55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED. G.E. #55L345KE	1.2 4 NON PCB	
KILN 3 I.D. FAN (Exhaust Fan)	60 KYAR CAPACITOR. DIELEKTROL FILLED. G.E. #55L516KE	2.7 NON PCB	
MCC #2 ROOM	2-15 KVAR CAPACITOR BANK. G.E. #37F540G1. PYRANOL FILLED 1.10 GAL. EACH.	2.2	60.90
MCC #2 ROOM	30 KVA TRANSFORMER. 480-120/208 V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
MCC #1 ROOM	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS. PYRANOL FILLED 1.67 GAL. EACH	5.01	138.68
MCC #1 ROOM	45 KVA TRANSFORMER 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC #3	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS. PYRANOL FILLED 1.98 GAL. EACH G.E. #37F540G1.	3.96	109.61
CRUSHER	45KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
STORES	30KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
STORES MCC 8	15 KVAR CAPACITOR. 480V, 3Ø PYRANOL FILLED. G.E. #55F314AD	1.10	30.45
MCC #6	100 KVAR CAPACITOR BANK OF 4-25KVAR CAPACITORS, PYRANOL FILLED, 1.98 GAL.EA. G.E. #37F541G1. 480V, 3Ø.	7.92	219.23

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS.
LIME LOADING ON TOP MILL OFFICE	2-30 KVA TRANSFORMERS, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
OFFICE, PLANT	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
KILN MCC #9	TRANSFORMER 25 KVA 240/480 VOLTS TYPE 5	DRY	
AG MILL SUB STATION	TRANSFORMER, 3750/4200 KVA SER. # SET 4045-0101 12500-2400 VOLTS CLASS OA OIL INSULATED	403 NON PCB	
AG MILL SUB STATION	TRANSFORMER, 1000/1120 KVA SER. # PAT 2400-480/277 VOLTS 1945-0101 CLASS OA OIL INSULATED	156 NON PCB	
AG MILL MCC ROOM	TRANSFORMER 50 KVA, SER.#, TYPE QL-WITH WP KIT NAME-QHT, QUIET TRANSFORMER 120/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM * 3 EACH	TRANSFORMER 3 KVA TYPE EPT T6E3017, 480/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM	TRANSFORMER 10 KVA SER # EY 240/480 VOLT BREAKER TYPE	NON PCB	
COAL MCC	TRANSFORMER 10 KVA CAT. NO.# T10s1F 240/480-120/240 VOLTS	DRY NON PCB	
MAINTENANCE SHOP	TRANSFORMER 15 KVA TYPE S 480 120/240 VOLTS	DRY NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS

12-30-88

LOCATION	EQUIPMENT	GALS.	KILOGRAM
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR	DRY	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V,30)	DRY	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER (WESTINGHOUSE) OIL FILLED	NON-PCB	
KILN MCC ROOM	1 KVA TRANSFORMER 120/120-12/24 V, 10. ZINSCO. AIR. COND. & HEATING W/FURNACE RM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120-12/24 V, 10 TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208V, 30, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480 -120/208V, 30, #6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER 480-120/208V, 30.	DRY	
KILN 3 M12 (#3 CUMBUSTION FAN)	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E., #55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED, G.E. #55L345KE	1.2 4 NON PCB	
KILN 3 I.D. FAN (EXHAUST FAN)	60 KYAR CAPACITOR. DIELEKTROL FILLED. G.E. $55L516KE	2.7 NON PCB	
MCC #2 ROOM ROCK HANDLING	2-15 KVAR CAPACITOR BANK.	DRY	60.90
MCC #2 ROOM	30 KVA TRANSFORMER. 480-120/208 V, 30, TYPE DLT. UPTEGRAFF	DRY	
MCC #1 ROOM ROCK UNLOADING	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS	DRY	138.68
MCC #1 ROOM	45 KVA TRANSFORMER 480-120/208V, 30, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC #3 TOP	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS	DRY	109.61
CRUSHER	45KVA TRANSFORMER, 480-120/208V, 30, TYPE DLT., UPTEGRAFF	DRY	
STORES	30KVA TRANSFORMER, 480-120/208V, 30, TYPE DLT., UPTEGRAFF	DRY	
STORES MCC 8	15 KVAR CAPACITOR. 480V,	DRY	30.45
MCC #6 HYD. BLDG.	100 KVAR CAPACITOR BANK OF 4-25KVAR CAPACITORS	DRY	219.23

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
LIME LOADING ON TOP MILL OFFICE	2-30 KVA TRANSFORMERS, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF,	DRY	
OFFICE, PLANT	30 KVA TRANSFORMER, 480-120/208V, 3Ø. TYPE DLT. UPTEGRAFF.	DRY	
KILN MCC #9	TRANSFORMER 25 KVA 240/480 VOLTS TYPE 5	DRY	
AG MILL SUB STATION	TRANSFORMER, 3750/4200 KVA SER. # SET 4045-0101 12500-2400 VOLTS CLASS OA OIL INSULATED	403 NON PCB	
AG MILL SUB STATION	TRANSFORMER, 1000/1120 KVA SER. # PAT 2400-480/277 VOLTS 1945-0101 CLASS OA OIL INSULATED	156 NON PCB	
AG MILL MCC ROOM	TRANSFORMER 50 KVA, SER.#, TYPE QL-WITH WP KIT NAME-QHT, QUIET TRANSFORMER 120/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM * 3 EACH	TRANSFORMER 3 KVA TYPE EPT T6E3017, 480/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM	TRANSFORMER 10 KVA SER # EY 240/480 VOLT BREAKER TYPE	NON PCB	
COAL MCC	TRANSFORMER 10 KVA CAT. NO.# T10s1F 240/480-120/240 VOLTS	DRY NON PCB	
MAINTENANCE SHOP	TRANSFORMER 15 KVA TYPE S 480 120/240 VOLTS	DRY NON PCB	

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS

12-30-89

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
KILN MCC ROOM	2 CAPACITOR BANKS, EACH CONSISTING OF 4-20 KVAR	DRY	369.80
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V,30)	DRY	17.30
MAIN SUBSTATION	2000 KVA TRANSFORMER (WESTINGHOUSE) OIL FILLED	NON-PCB	
KILN MCC ROOM	1 KVA TRANSFORMER 120/120-12/24 V, 10. ZINSCO. AIR. COND. & HEATING W/FURNACE RM.	DRY	
KILN MCC ROOM	3 KVA TRANSFORMER 480-120-12/24 V, 10 TYPE H. UPTEGRAFF	DRY	
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208V, 30, TYPE DLT. UPTEGRAFF	DRY	
MCC 9	30 KVA TRANSFORMER 480 -120/208V, 30, #6T1086. MGM.	DRY	
MCC 10	30 KVA TRANSFORMER 480-120/208V, 30.	DRY	
KILN 3 M12 (#3 CUMBUSTION FAN)	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E., #55L347KE	2.1 NON PCB	
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED, G.E. #55L345KE	1.2 4 NON PCB	
KILN 3 I.D. FAN (EXHAUST FAN)	60 KYAR CAPACITOR. DIELEKTROL FILLED. G.E. $55L516KE	2.7 NON PCB	
MCC #2 ROOM ROCK HANDLING	2-15 KVAR CAPACITOR BANK.	DRY	60.90
MCC #2 ROOM	30 KVA TRANSFORMER. 480-120/208 V, 30, TYPE DLT. UPTEGRAFF	DRY	
MCC #1 ROOM ROCK UNLOADING	60 KVAR CAPACITOR BANK OF 3-20KVAR CAPACITORS	DRY	138.68
MCC #1 ROOM	45 KVA TRANSFORMER 480-120/208V, 30, TYPE DLT. UPTEGRAFF	DRY	
CRUSHER MCC #3 TOP	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS	DRY	109.61
CRUSHER	45KVA TRANSFORMER, 480-120/208V, 30, TYPE DLT., UPTEGRAFF	DRY	
STORES	30KVA TRANSFORMER, 480-120/208V, 30, TYPE DLT., UPTEGRAFF	DRY	
STORES MCC 8	15 KVAR CAPACITOR. 480V,	DRY	30.45
MCC #6 HYD. BLDG.	100 KVAR CAPACITOR BANK OF 4-25KVAR CAPACITORS	DRY	219.23

ASHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRAMS
LIME LOADING ON TOP MILL OFFICE	2-30 KVA TRANSFORMERS, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF,	DRY	
OFFICE, PLANT	30 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT, UPTEGRAFF.	DRY	
KILN MCC #9	TRANSFORMER 25 KVA 240/480 VOLTS TYPE 5	DRY	
AG MILL SUB STATION	TRANSFORMER, 3750/4200 KVA SER. # SET 4045-0101 12500-2400 VOLTS CLASS OA OIL INSULATED	403 NON PCB	
AG MILL SUB STATION	TRANSFORMER, 1000/1120 KVA SER. # PAT 2400-480/277 VOLTS 1945-0101 CLASS OA OIL INSULATED	156 NON PCB	
AG MILL MCC ROOM	TRANSFORMER 50 KVA, SER.#, TYPE QL-WITH WP KIT NAME-QHT, QUIET TRANSFORMER 120/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM * 3 EACH	TRANSFORMER 3 KVA TYPE EPT T6E3017, 480/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM	TRANSFORMER 10 KVA SER # EY 240/480 VOLT BREAKER TYPE	NON PCB	
COAL MCC	TRANSFORMER 10 KVA CAT. NO.# T10s1F 240/480-120/240 VOLTS	DRY NON PCB	
MAINTENANCE SHOP	TRANSFORMER 15 KVA TYPE S 480 120/240 VOLTS	DRY NON PCB	

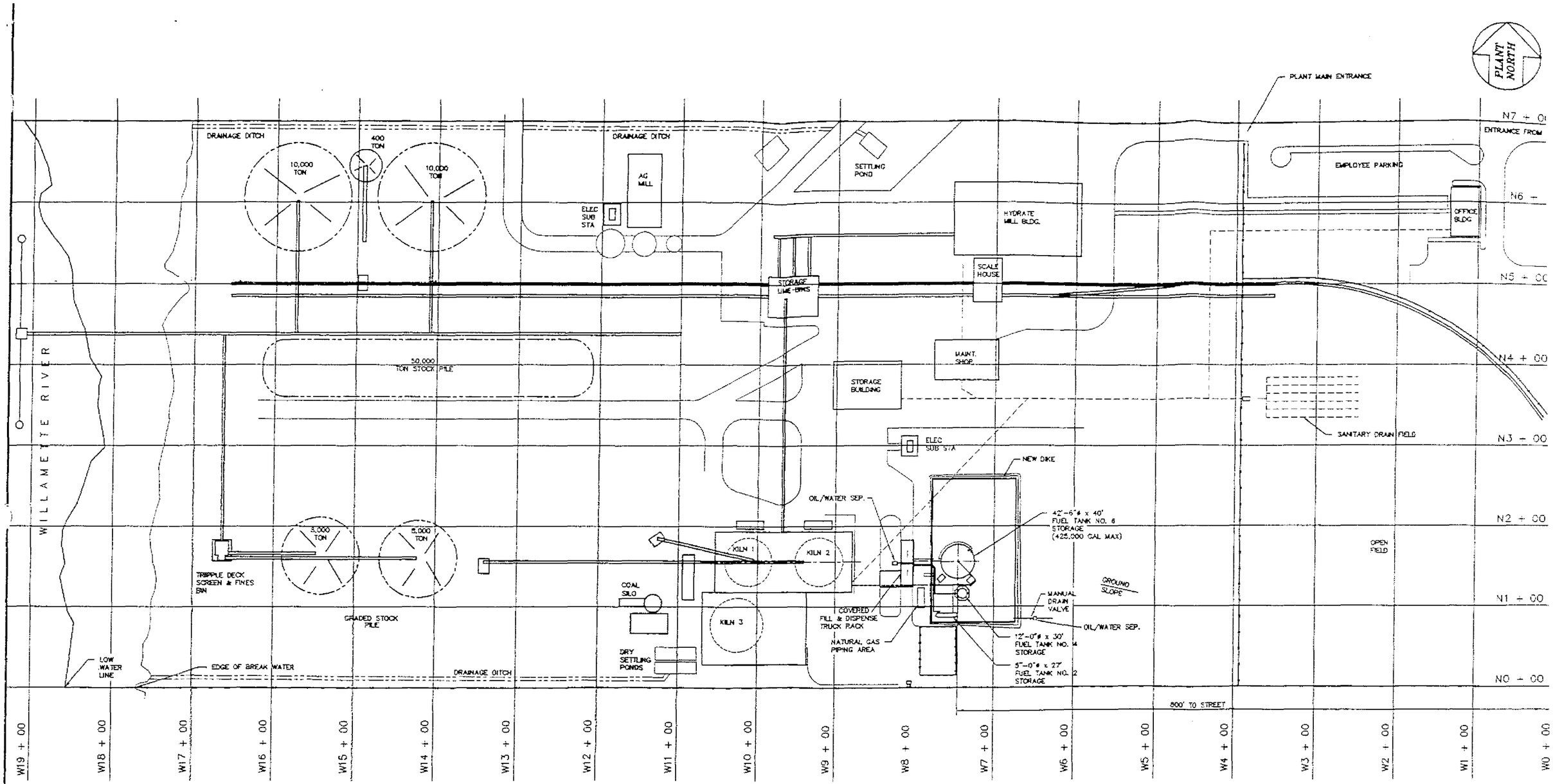
ASH GROVE CEMENT WEST, INC.
EQUIPMENT LIST
TRANSFORMERS AND CAPACITORS 12-1-90

LOCATION	EQUIPMENT	GALLONS
KILN MCC ROOM	2 CAPCITOR BANKS, EACH CONSISTING OF 4-20 KVAR	DRY
KILN MCC ROOM	7.5 KVAR CAPACITOR (480V, 30)	DRY
MAIN SUBSTATION	2000 KVA TRANSFORMER EASTERN OIL FILLED 375GAL.12000 Δ-480Y/277 SB-75081 CLASS OA WT.10670lbs.	NON-PCB - cont.
KILN MCC ROOM	1 KVA TRANSFORMER 120/120-12/24 V, 10. ZINSCO. AIR. COND. & HEATING W/FURNACE RM.	DRY
KILN MCC ROOM	3 KVA TRANSFORMER 480-120-12/24 V, 10 TYPE H. UPTEGRAFF	DRY
KILN MCC ROOM	45 KVA TRANSFORMER 480-120/208V, 30, TYPE DLT. UPTEGRAFF	DRY
MCC 9	30 KVA TRANSFORMER 480-120/208V, 30, #6T1086. MGM.	DRY
MCC 10	30 KVA TRANSFORMER 480-120/208V, 30,	DRY
KILN 3 M12 (#3 COMBUSTION FAN)	50 KVAR CAPACITOR. DIELEKTROL FILLED. G.E., #55L347KE	2.1 NON-PCB
KILN 3 AIR COMP.	20 KVAR CAPACITOR. DIELEKTROL FILLED, G.E. #55L345KE	1.2 4 NON-PCB
KILN 3 I.D. FAN (EXHAUST FAN)	60 KYAR CAPACITOR. DIELEKTROL FILLED, G.E. #55L516KE	2.7 NON-PCB
MCC #2 ROOM ROCK HANDLING	2-15 KVAR CAPACITOR BANK	DRY
MCC #2 ROOM	30 KVA TRANSFORMER. 480-120/208V 30, TYPE DLT. UPTEGRAFF	DRY
MCC #1 ROOM ROCK UNLOADING	60 KVAR CAPACITOR BANK OF 3-20 KVAR CAPACITORS	DRY
MCC #1 ROOM	45 KVA TRANSFORMER 480-120/208V, 30, TYPE DLT. UPTEGRAFF	DRY
CRUSHER MCC #3 TOP	50 KVAR CAPACITOR BANK OF 2-25 KVAR CAPACITORS	DRY
CRUSHER	45KVA TRANSFORMER, 480-120/208V, 30, TYPE DLT., UPTEGRAFF	DRY
STORES	30 KVA TRANSFORMER, 480-120/208V, 30, TYPE DLT., UPTEGRAFF	DRY
STORES MCC 8	15 KVAR CAPACITOR, 480V,	DRY
MCC #6 HYD. BLDG.	100 KVAR CAPACITOR BANK OF 4-25 KVAR CAPACITORS	DRY

RAG:mm

SHGROVE LIME
EQUIPMENT LIST
TRANSFORMERS & CAPACITORS (WITH PCB'S WHERE APPLICABLE)

LOCATION	EQUIPMENT	GALS.	KILOGRA
LIME LOADING ON TOP MILL OFFICE	2-30 KVA TRANSFORMERS, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF,	DRY	
OFFICE, PLANT	30 KVA TRANSFORMER, 480-120/208V, 3Ø, TYPE DLT. UPTEGRAFF.	DRY	
KILN MCC #9	TRANSFORMER 25 KVA 240/480 VOLTS TYPE 5	DRY	
AG MILL SUB STATION	TRANSFORMER, 3750/4200 KVA SER. # SET 4045-0101 12500-2400 VOLTS CLASS OA OIL INSULATED	403 NON PCB	Cont
AG MILL SUB STATION	TRANSFORMER, 1000/1120 KVA SER. # PAT 2400-480/277 VOLTS 1945-0101 CLASS OA OIL INSULATED	156 NON PCB	Cont
AG MILL MCC ROOM	TRANSFORMER 50 KVA, SER.#, TYPE QL-WITH WP KIT NAME-QHT, QUIET TRANSFORMER 120/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM * 3 EACH	TRANSFORMER 3 KVA TYPE EPT T6E3017, 480/240 VOLT	DRY NON PCB	
AG MILL MCC ROOM	TRANSFORMER 10 KVA SER # EY 240/480 VOLT BREAKER TYPE	NON PCB	
COAL MCC	TRANSFORMER 10 KVA CAT. NO.# T10s1F 240/480-120/240 VOLTS	DRY NON PCB	
MAINTENANCE SHOP	TRANSFORMER 15 KVA TYPE S 480 120/240 VOLTS	DRY NON PCB	



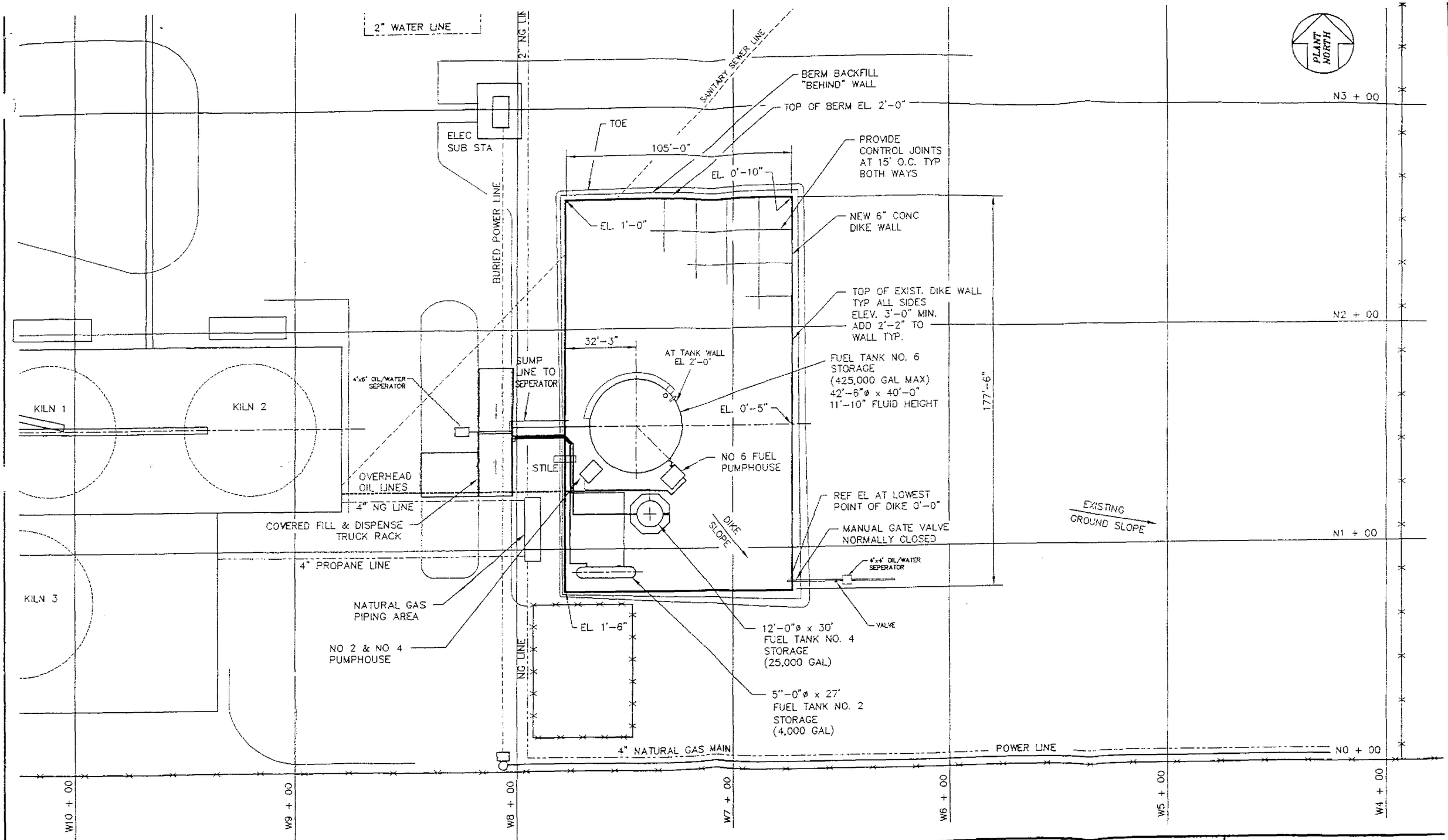
SITE PLAN

SYM.	REVISIONS	BY	DATE
B	UPDATE SPCC PER 7/21/94 REVIEW	DLG	7/28/94
A	MODIFIED CONTAINMENT FOR 420,000 GALLON STORAGE	CAH	01/14/94

SMITH & MONROE & GRAY ENGINEERS INC.
PARK PLAZA WEST, SUITE 210
10700 S.W. BEAVERTON HWY, BEAVERTON, OR 97005
PHONE: (503) 643-6595 FAX: (503) 643-8810

ASH GROVE CEMENT WEST, IN
LIME PLANT
SPCC PETROLEUM STORAGE SITE PLAN
EXISTING DIKE AND FUTURE SPILL PREVENTION PLANS

DRAWN BY	DATE	CHKD BY	DATE	DATE COMPLETED	SCALE	DWG. NO.
DLG/SMG	11/3/92				1" = 60'	91-193-04



DIKE SITE PLAN

SYM.	REVISIONS	BY	DATE
B	UPDATE SPCC PER 7/21/94 REVIEW	DLG	7/26/94
A	MODIFIED CONTAINMENT FOR 420,000 GALLON STORAGE	CAH	01/14/94

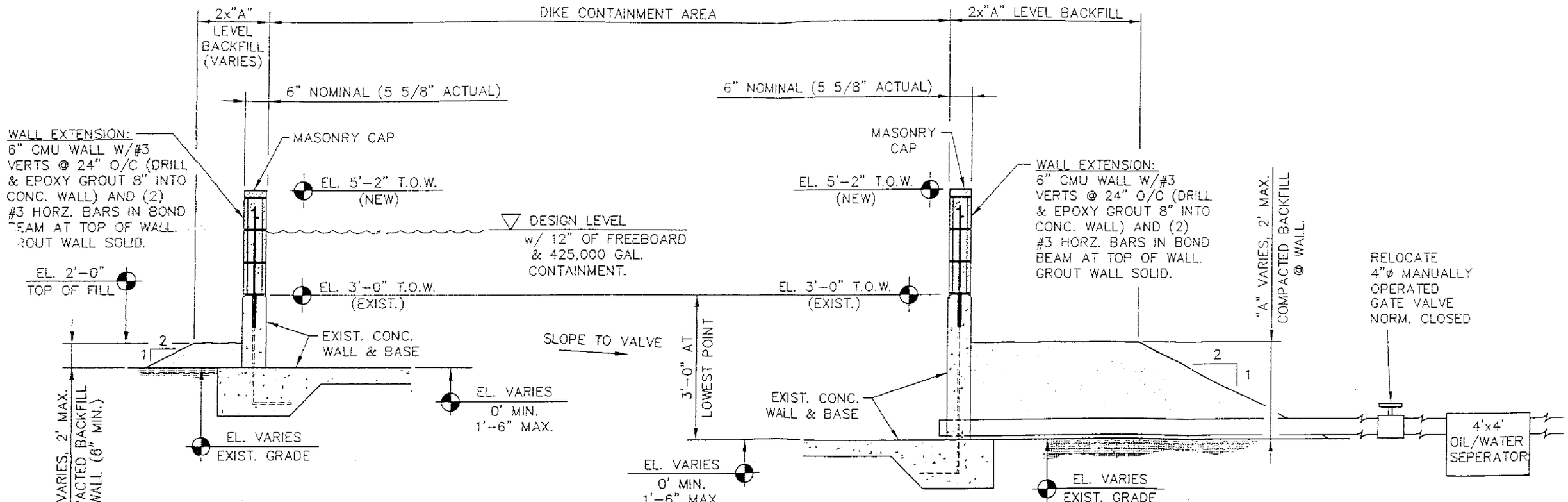
SMITH & MONROE & GRAY ENGINEERS INC.
PARK PLAZA WEST, SUITE 210
10700 S.W. BEAVERTON HWY, BEAVERTON, OR 97005
PHONE: (503) 643-8895 FAX: (503) 643-8810

ASH GROVE CEMENT WEST, INC.
LIME PLANT
SPCC PETROLEUM STORAGE SITE PLAN
EXISTING DIKE AND FUTURE SPILL PREVENTION PLANS

DRAWN BY	DATE	CHKD BY	DATE	DATE COMPLETED	SCALE	DWG. NO.	REV
DLG/SMG	11/5/92				1" = 20'	91-193-05	B

GENERAL NOTES:

1. THE ACI STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI 301, SHALL BE FOLLOWED.
2. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
3. PROVIDE A 3/4" CHAMFER TO ALL EXPOSED CORNERS AND EDGES.
4. ALL REINFORCING STEEL SHALL CONFORM TO ASTM 615, GRADE 60.
5. CONCRETE SLAB TO BE REINFORCED BY USING POLYPROPYLENE FIBER REINFORCEMENT MIX A MINIMUM OF 1 1/2 LBS OF FIBER INTO EACH CUBIC YARD OF CONCRETE. (FIBERMESH OR EQUIVALENT)
6. SEAL AROUND ALL EXISTING FOOTINGS AND PROJECTIONS WITH CON/CHEM FIBRE/CRETE 214 TL EPOXY SEALANT (OR EQUIVALENT). 1/2" BEAD MINIMUM
7. PROVIDE CONTROL JOINTS ON SLAB AT 15'-0" O.C. BOTH WAYS



CONCRETE DIKE SECTION AT LESS THAN 3'-0" HIGH WALLS

CONCRETE DIKE SECTION AT 3'-0" HIGH WALL

SYM.	REVISIONS	BY	DATE
B	UPDATE SPCC PER 7/21/94 REVIEW	DLG	7/28/94
A	MODIFIED CONTAINMENT FOR 420,000 GALLON STORAGE	CAH	01/14/94

SMITH & MONROE & GRAY ENGINEERS INC.
PARK PLAZA WEST, SUITE 210
10700 S.W. BEAVERTON HWY. BEAVERTON, OR 97005
PHONE: (503) 643-6886 FAX: (503) 643-6810

ASH GROVE CEMENT WEST, INC.
LIME PLANT
SPCC PETROLEUM STORAGE SITE PLAN
EXISTING DIKE AND FUTURE SPILL PREVENTION PLANS

DRAWN BY	DATE	CHKD BY	DATE	DATE COMPLETED	SCALE	DWG. NO.	REV
DLG/SMG	11/5/92				1/4"=1'-0"	91-193-06	

FILE: C:\ACAD12\DWG\91193\91193-06, PLOT 1=24, 07/25/94 AT 11:24, VER.#20, COMP.#15