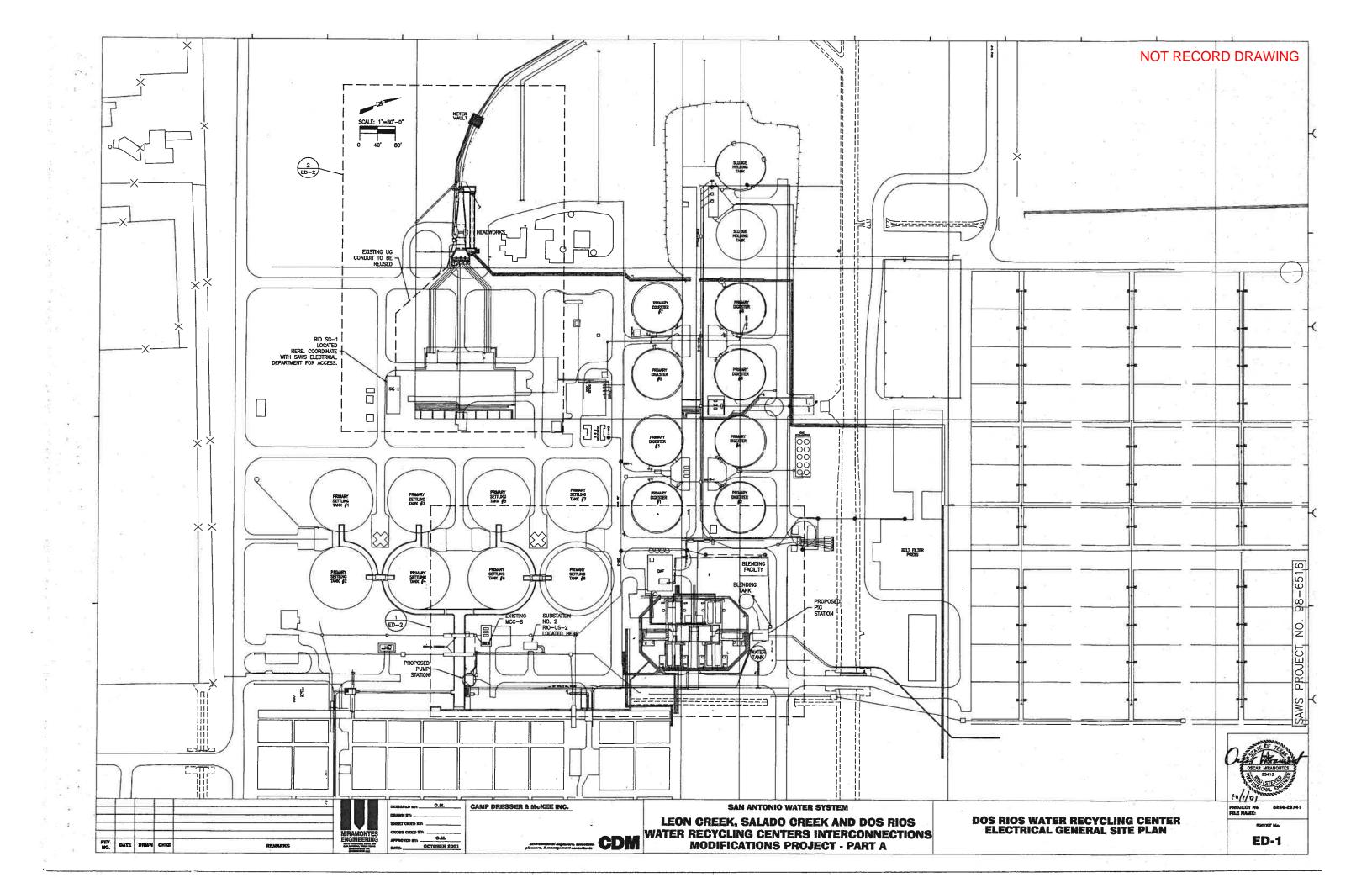
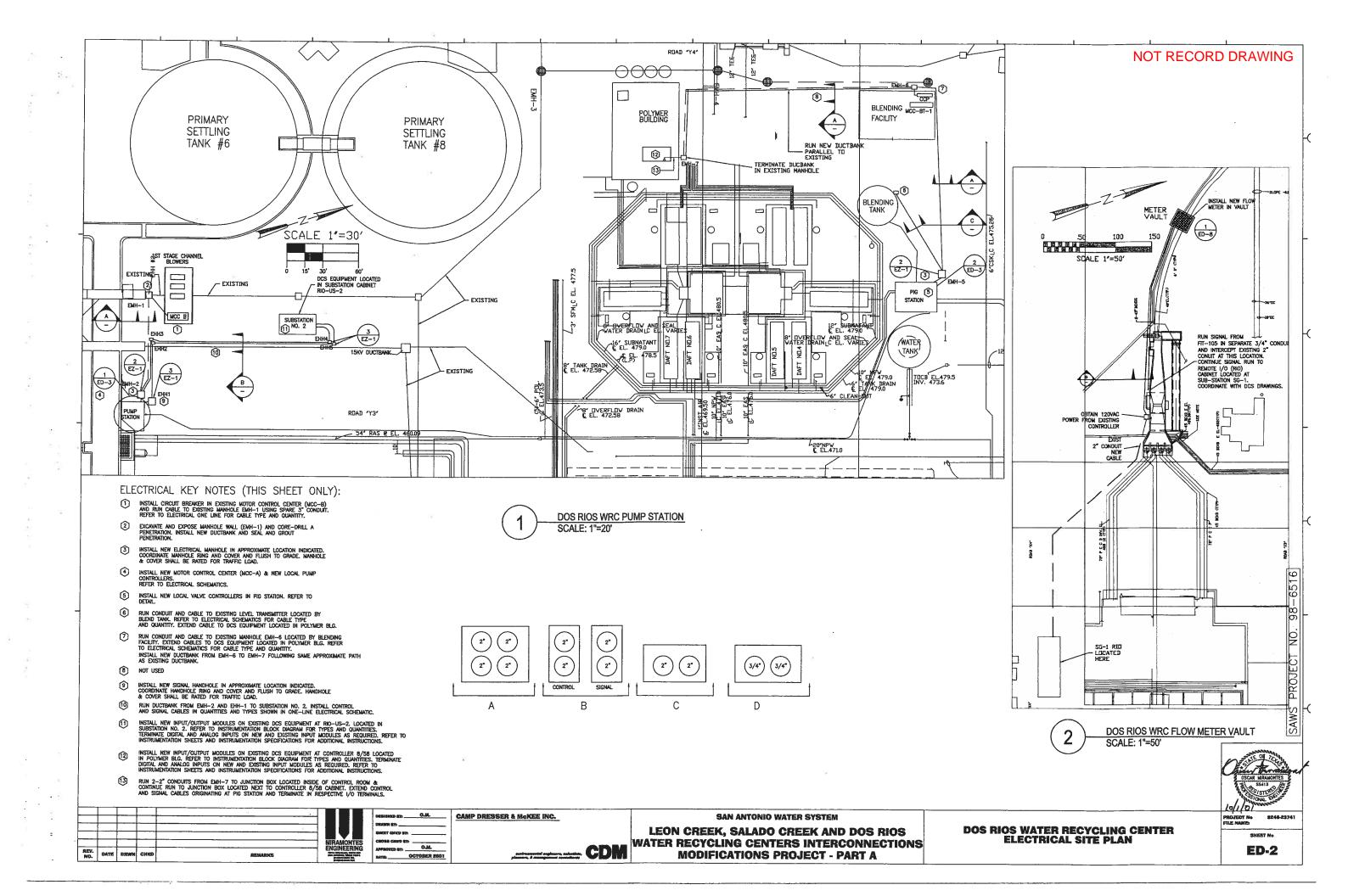
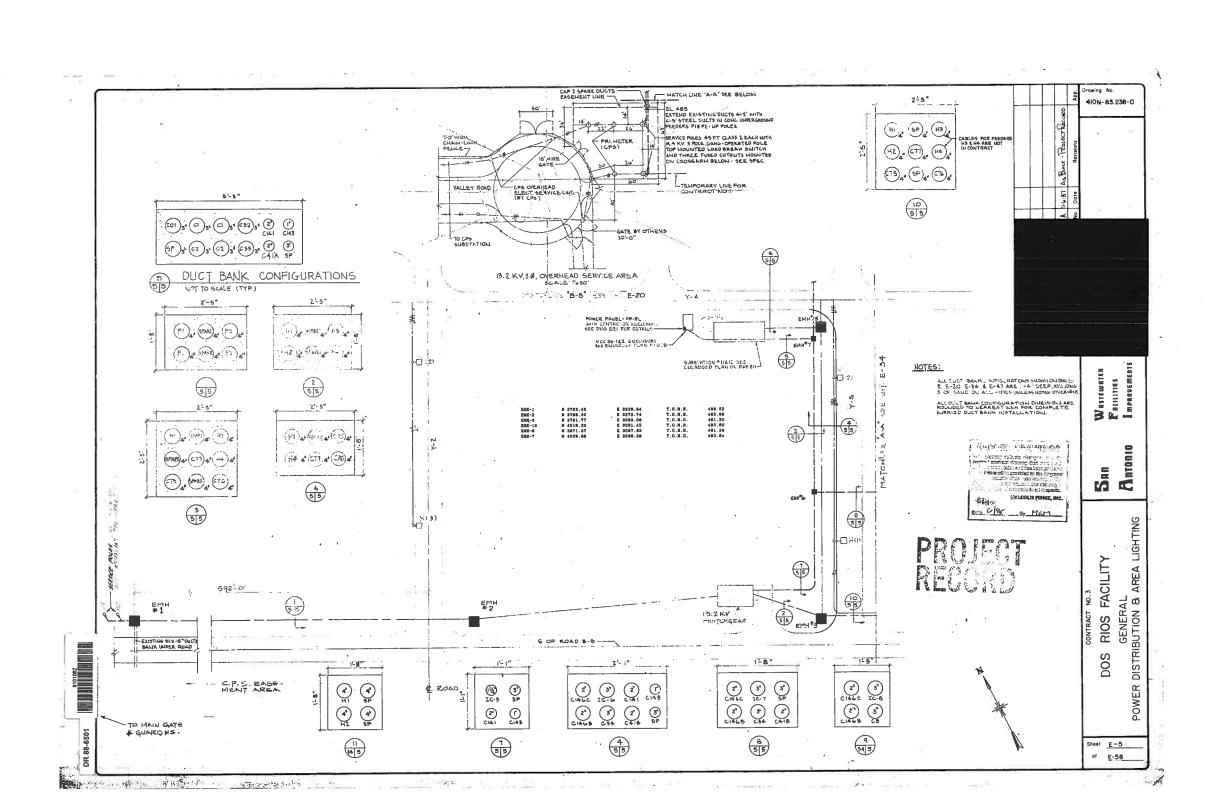


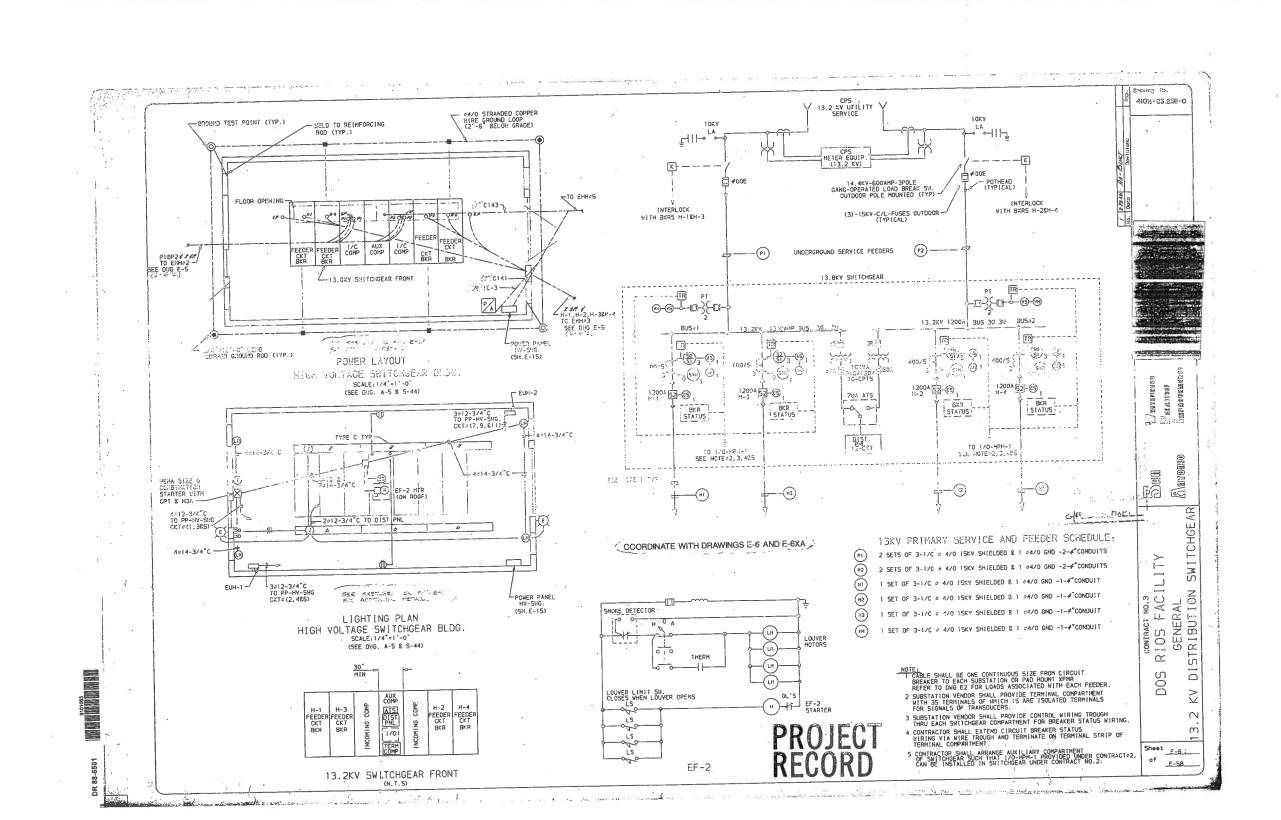
.

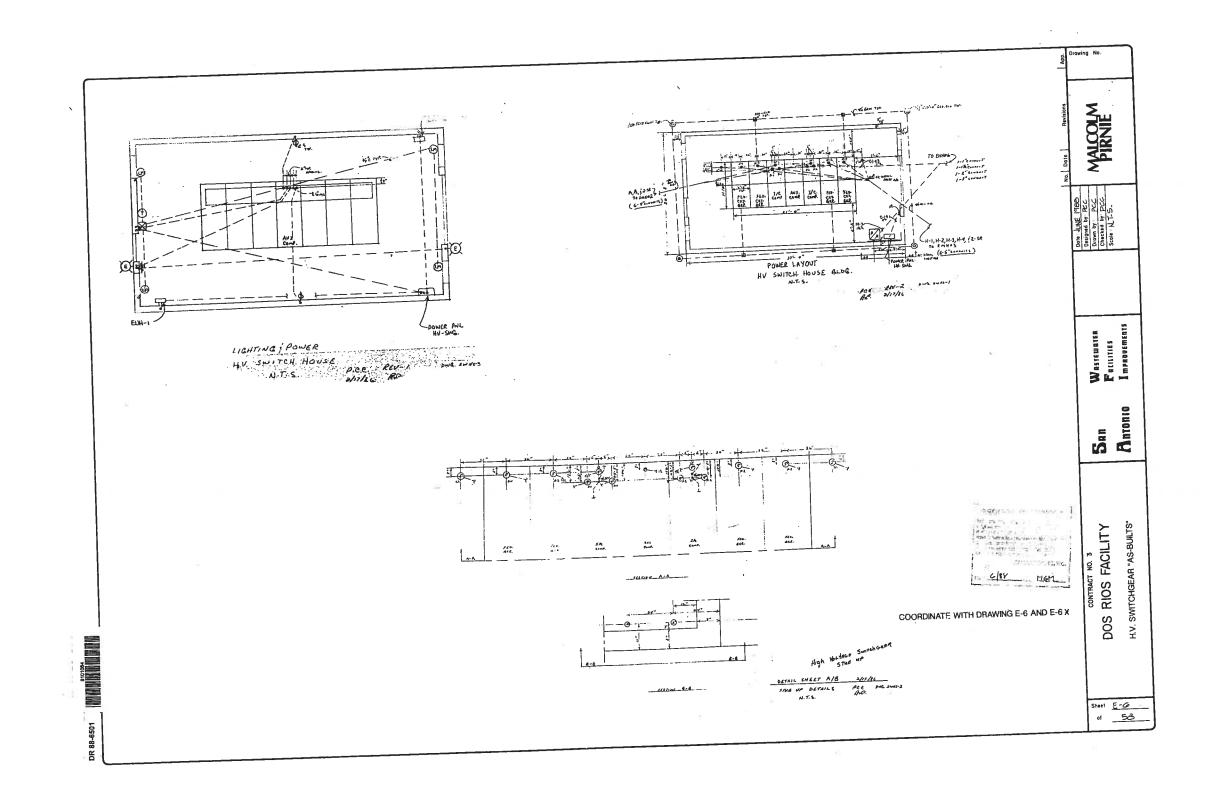
.



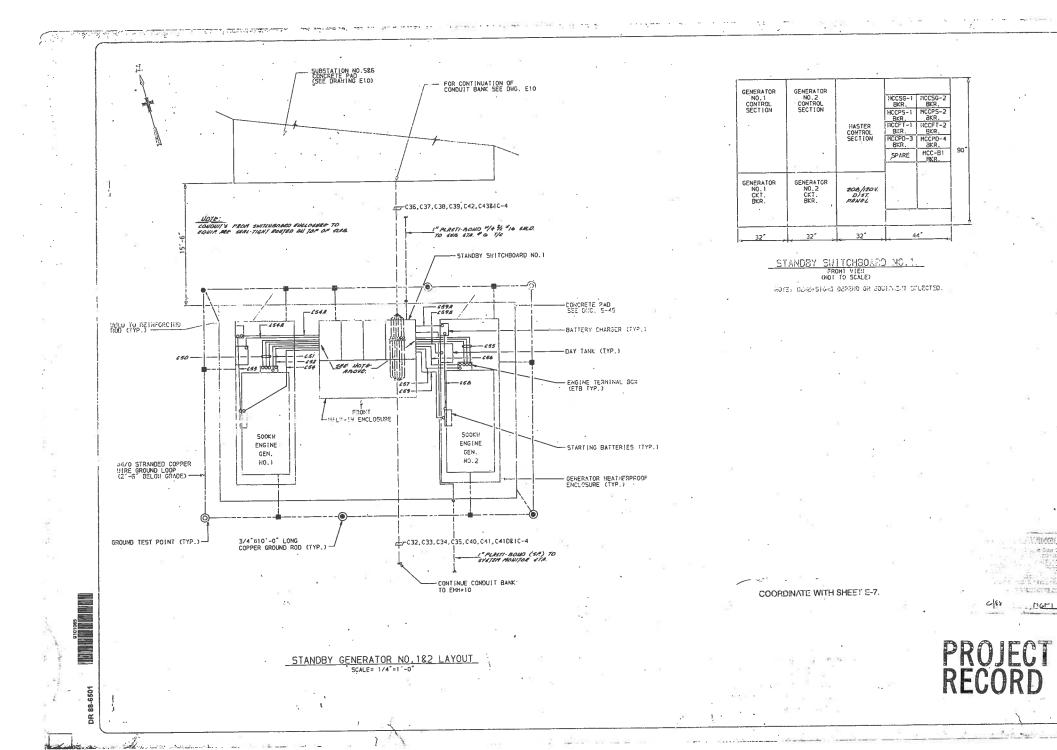


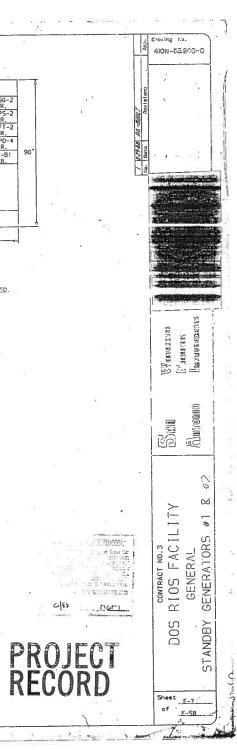


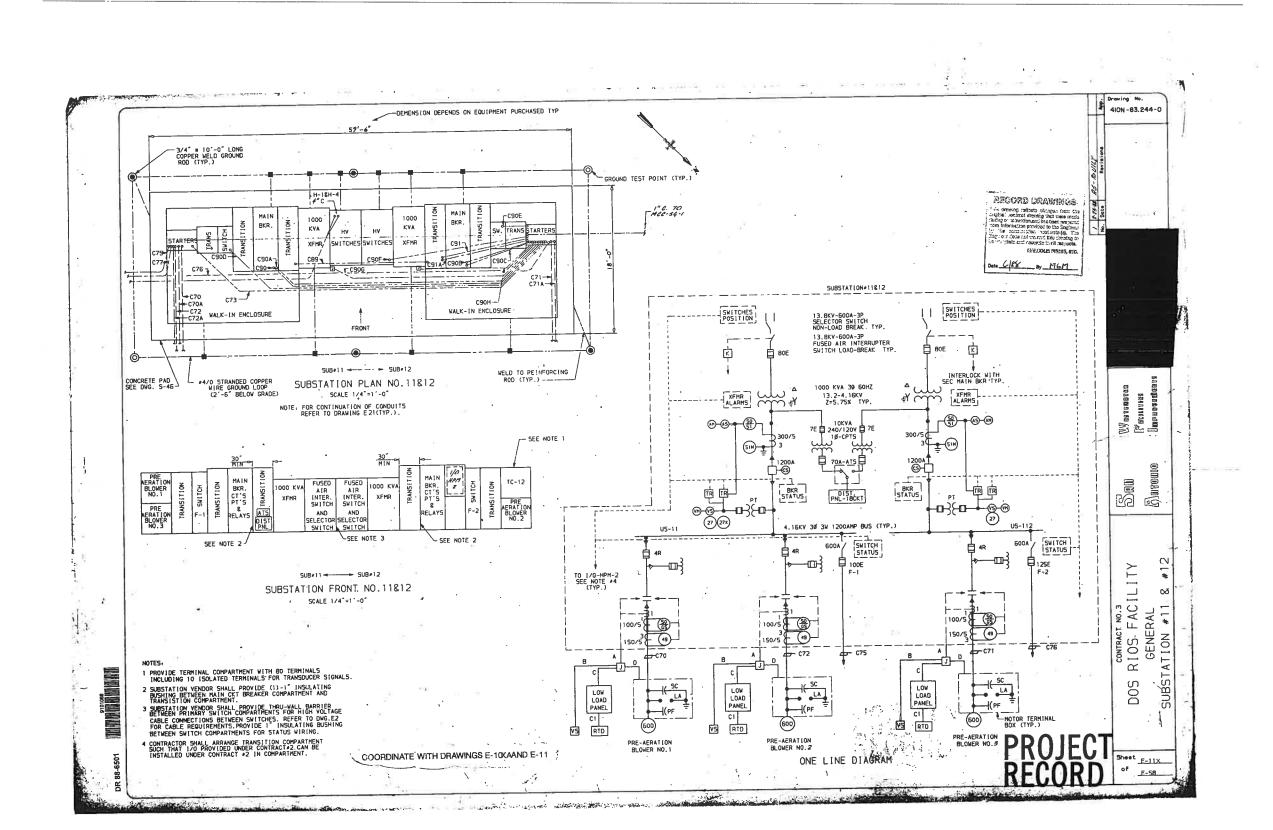


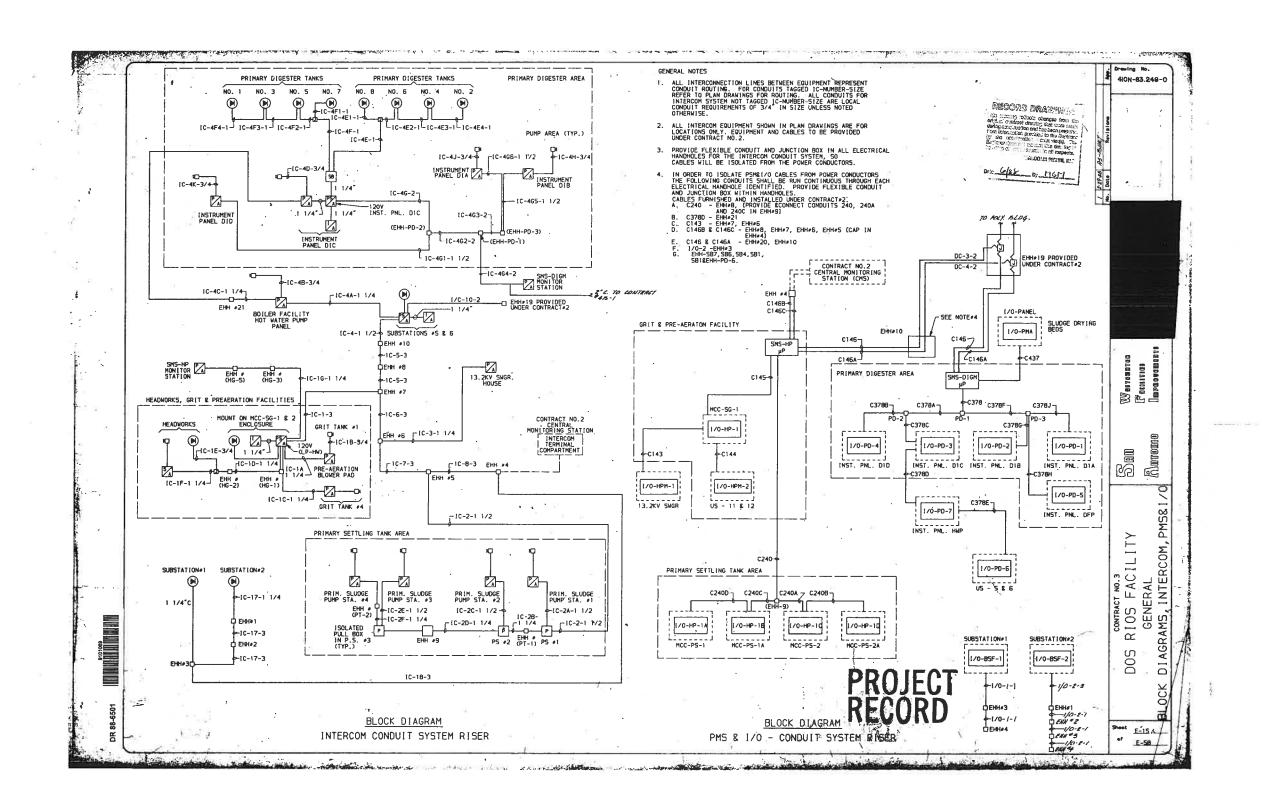


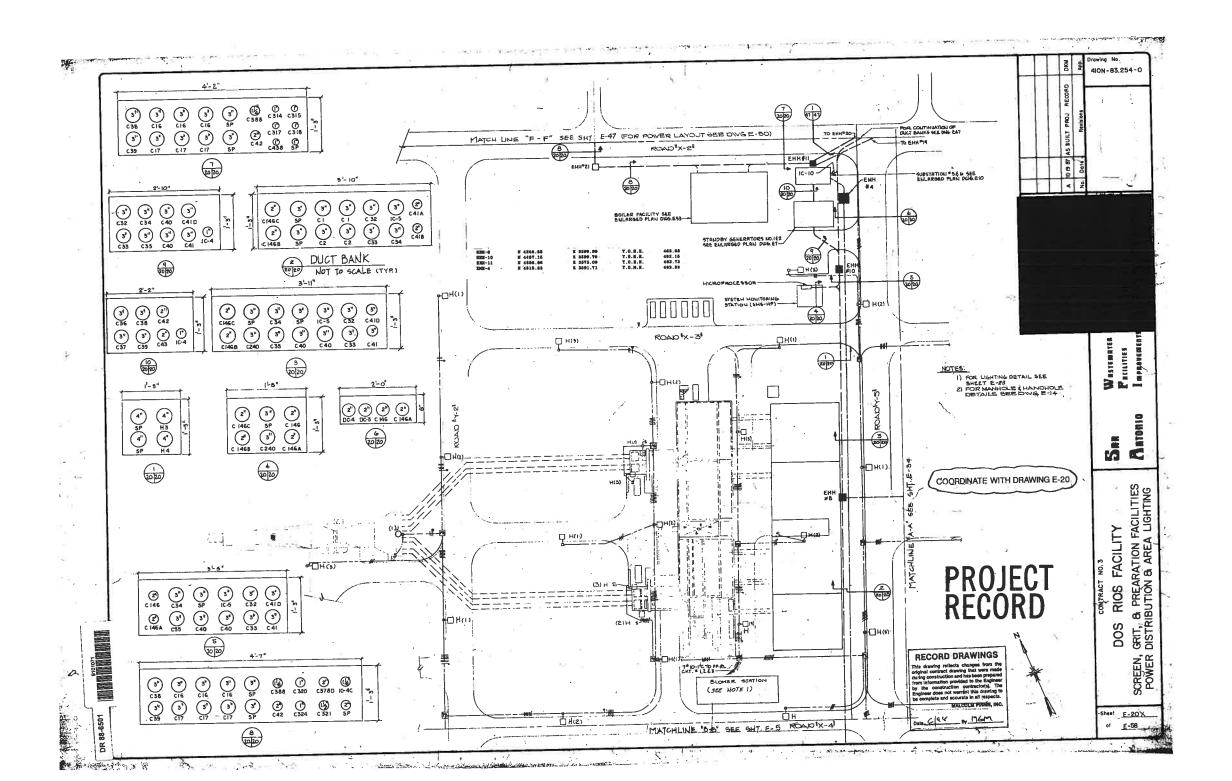
1997 F. 17 11 11

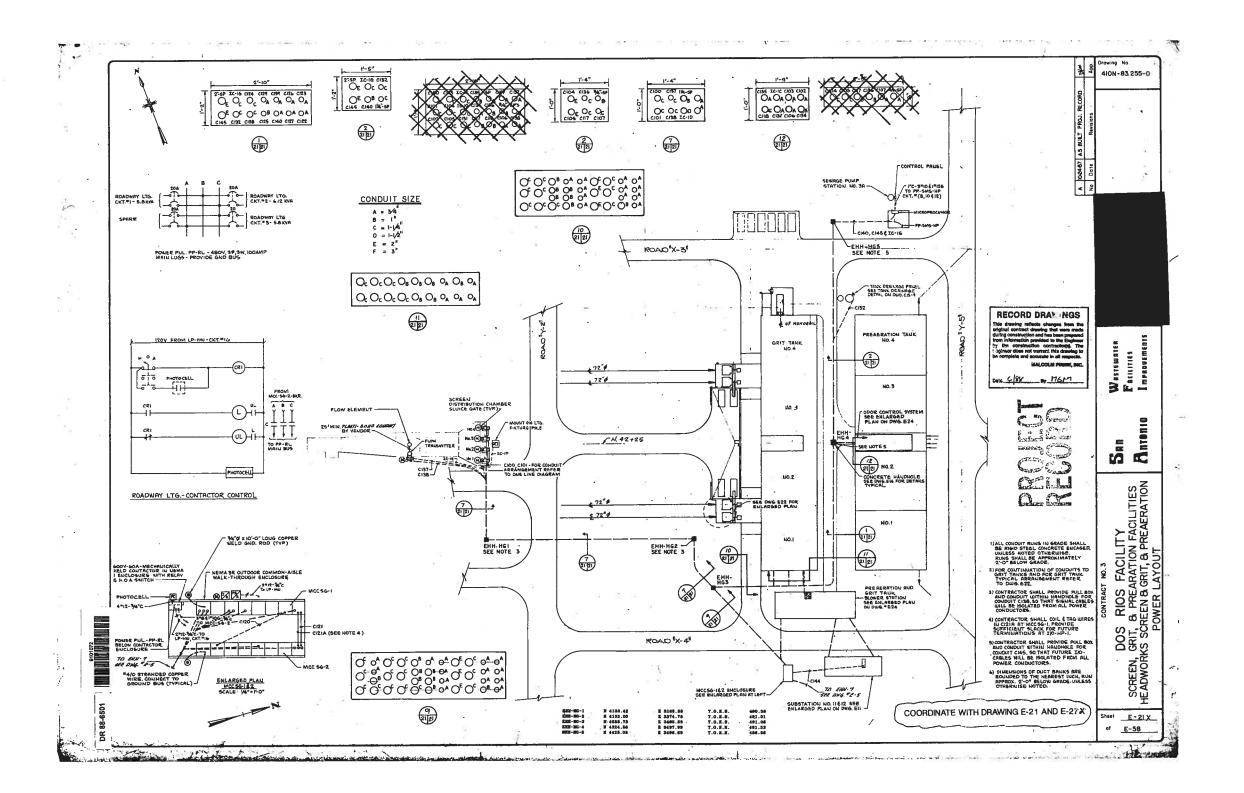


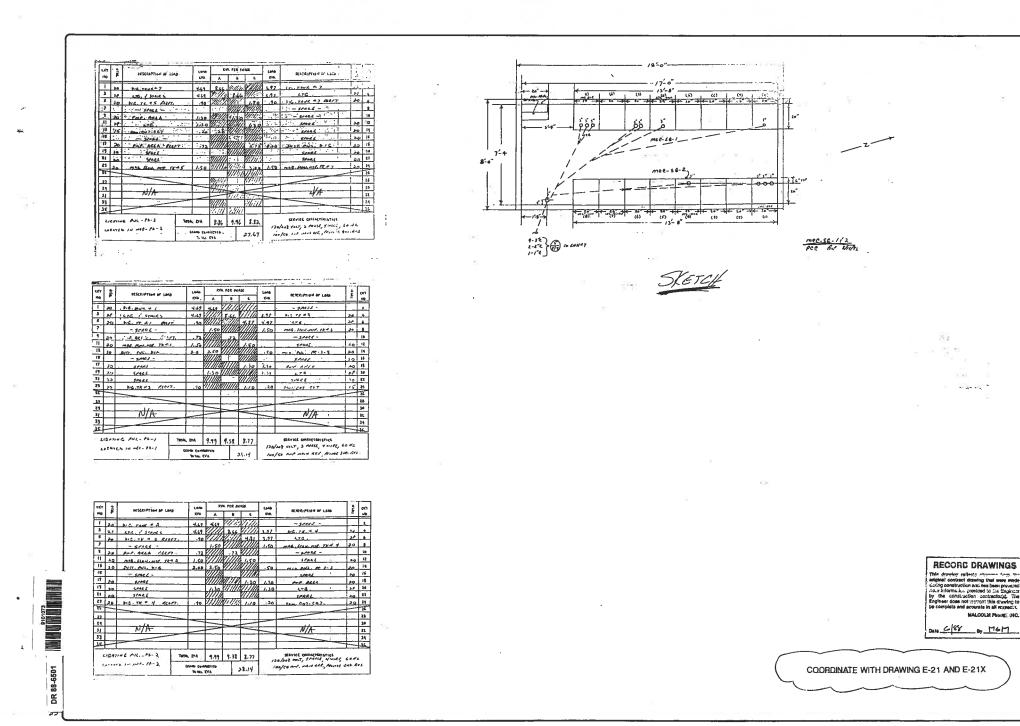


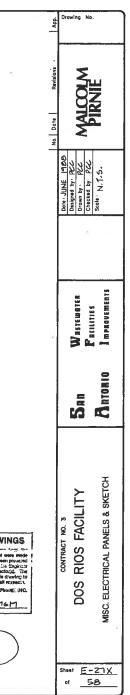


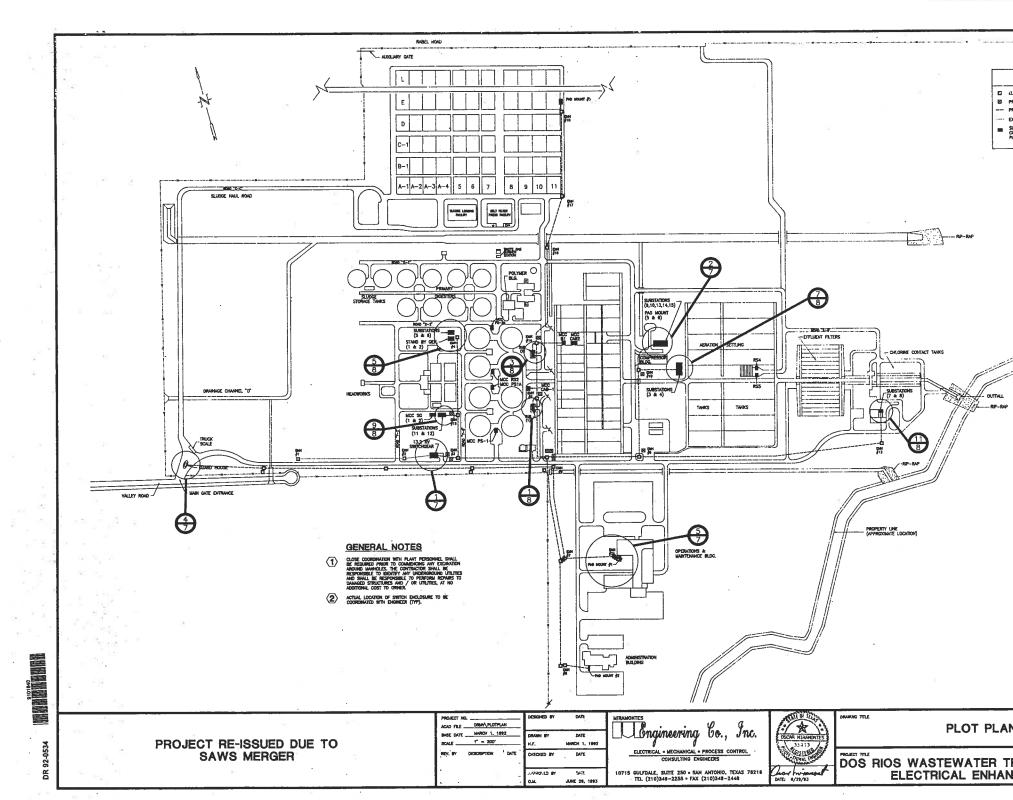




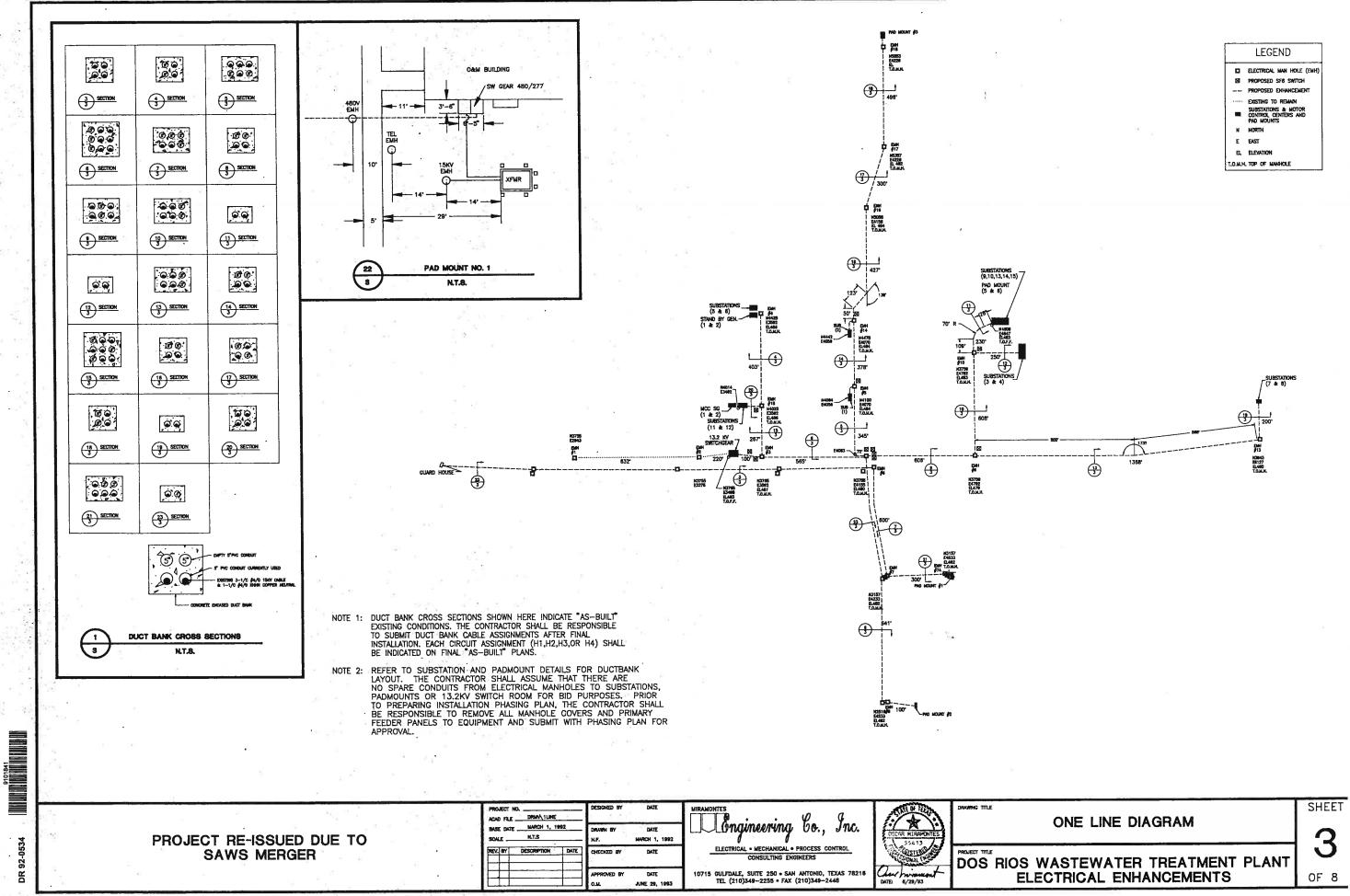




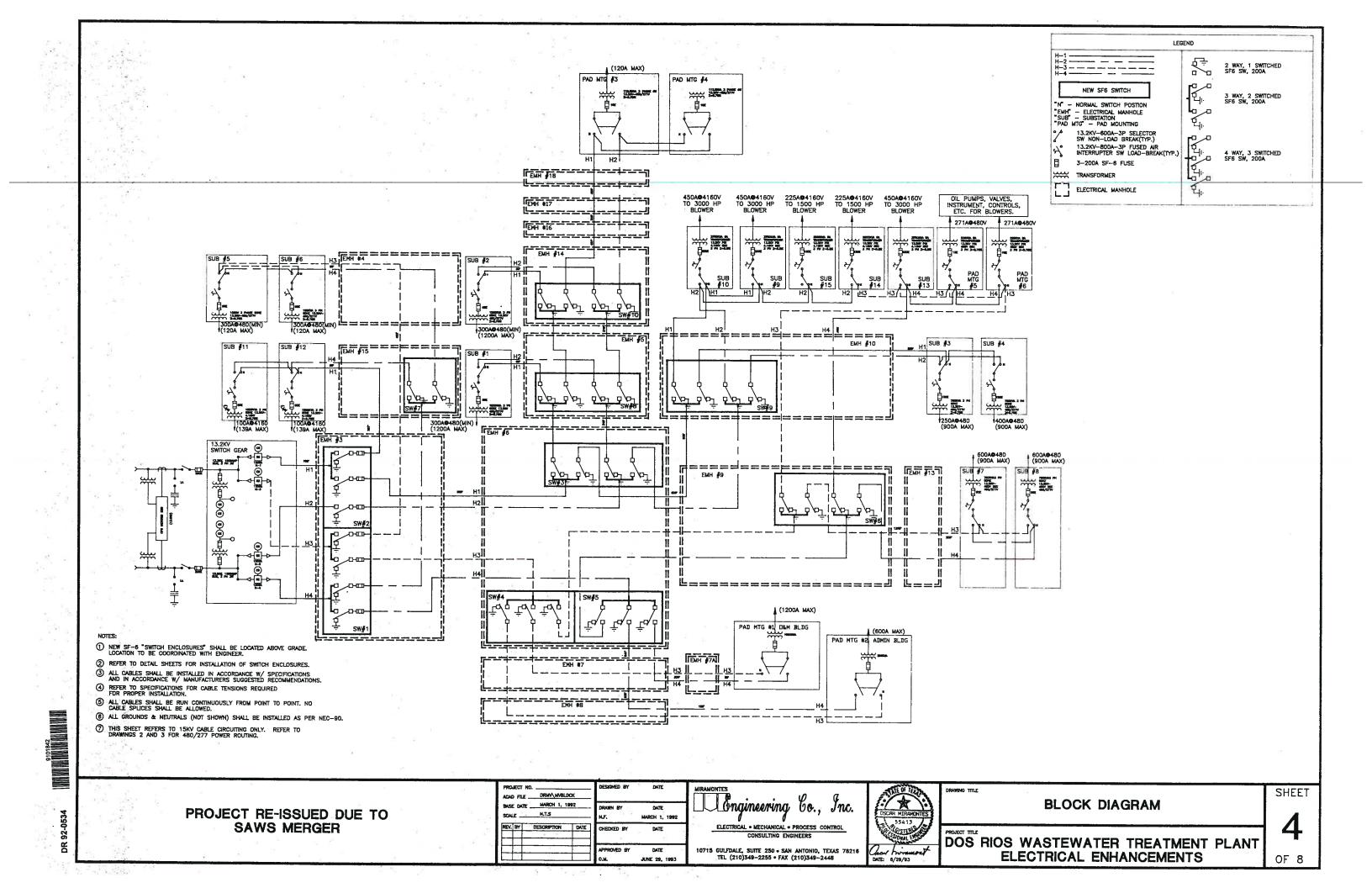


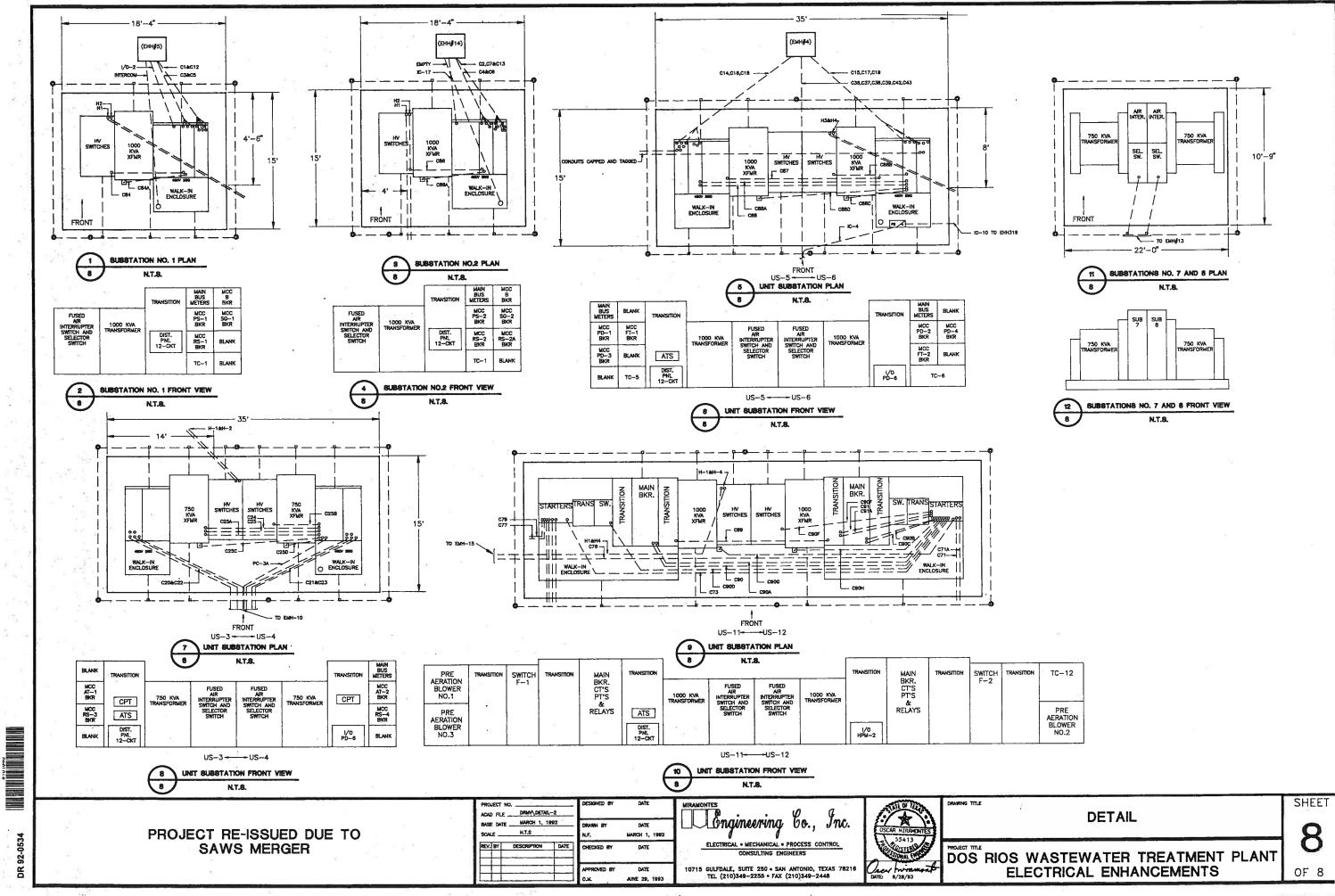


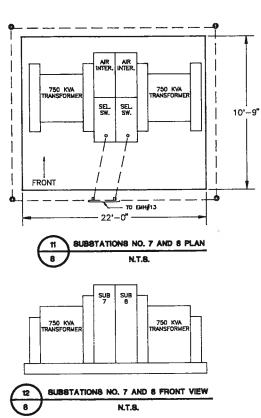
				×				Эł
		17				\sim_{∞}		8
LEGEND			2				34	F_{i}^{c}
LIECTROL, MARILE (SH) PROPUSED SF8 SWITCH PROPUSED DRAWEDRIGH EUSTING TO REMAN SUBSTANDIS & NOTOR CONTROL CONTENS AND PAO MOUNTS								
PAD MOURTS								
								G
2								
0	SHEET							
N	2							
TREATMENT PLANT	OF 8							

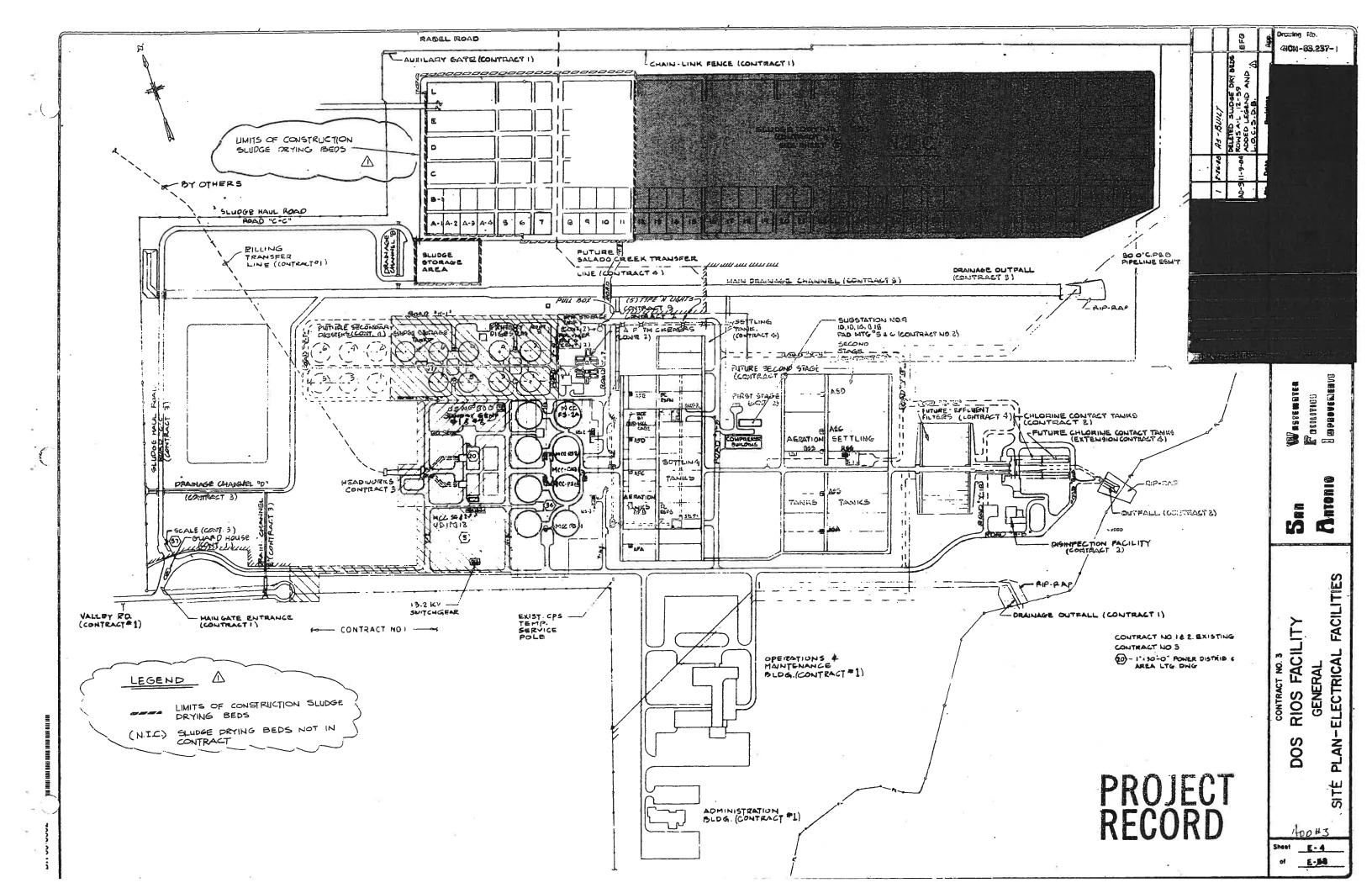


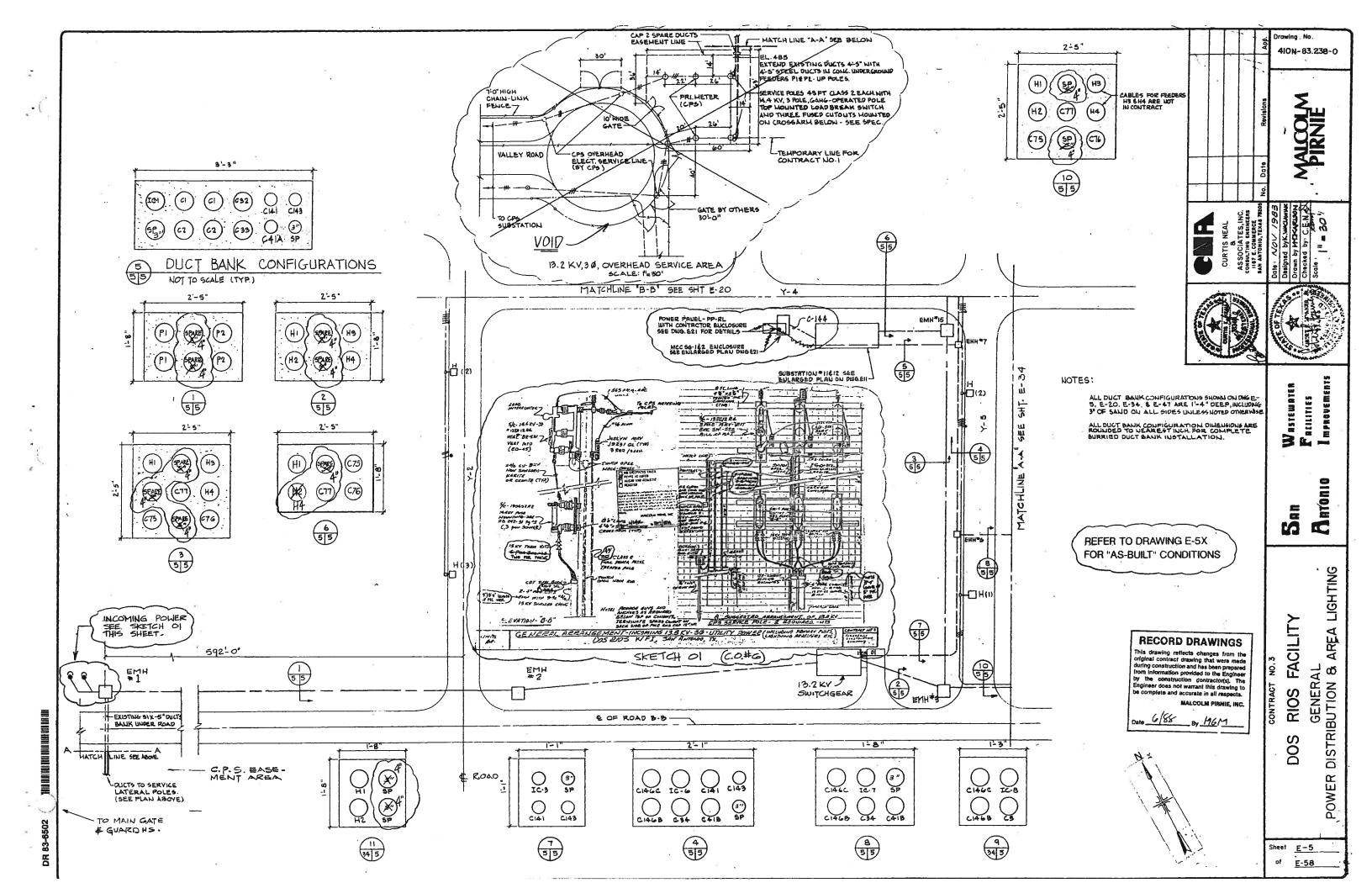
	LEGEND
	ELECTRICAL MAN HOLE (EMH)
12	PROPOSED SF6 SWITCH
	PROPOSED ENHANCEMENT
	EXISTING TO REMAIN
-	Substations & Motor Control Centers and Pad Mounts
М	NORTH
E	EAST
EL.	ELEVATION
т.о.м.н	, TOP OF MANHOLE

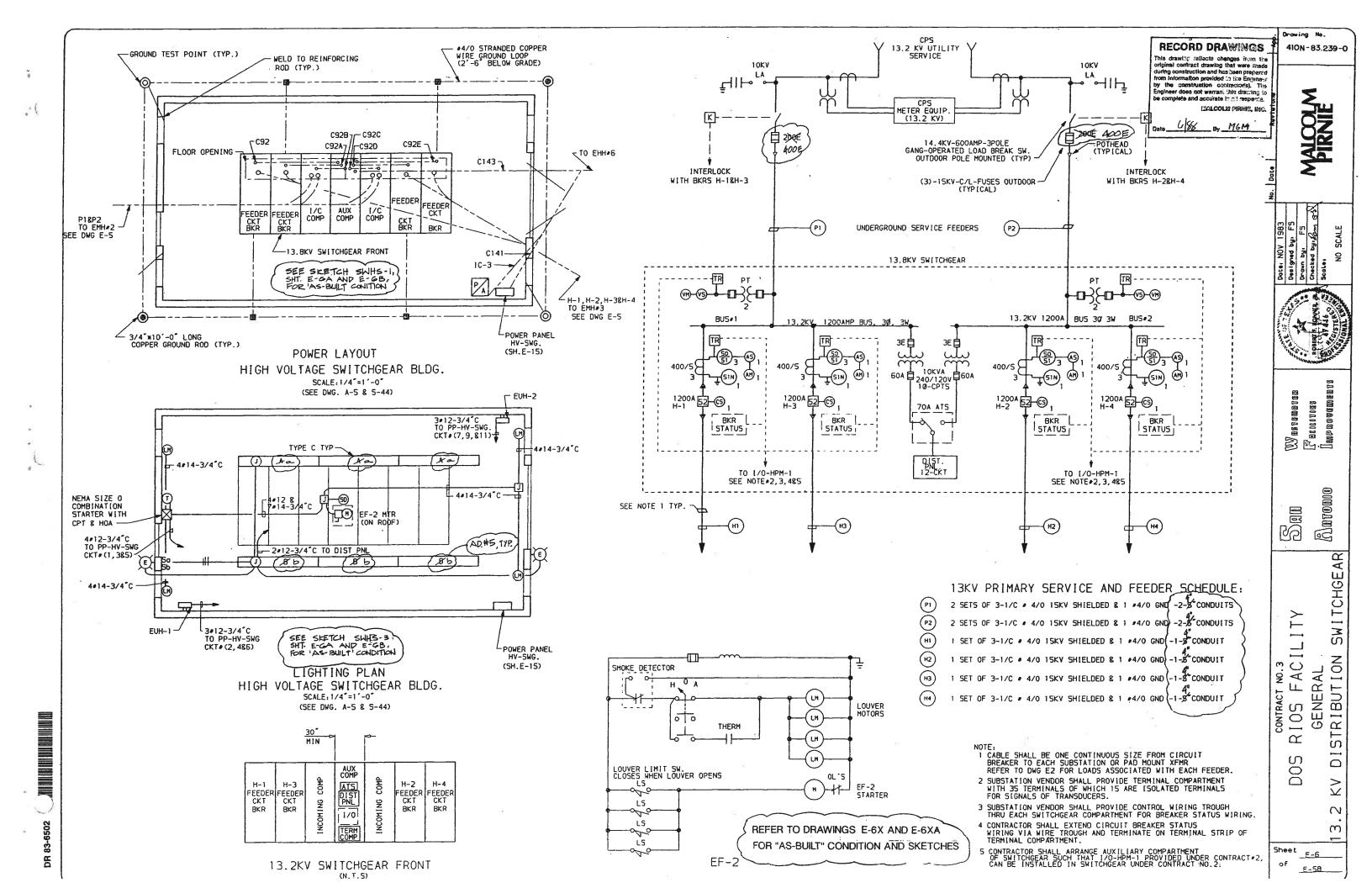


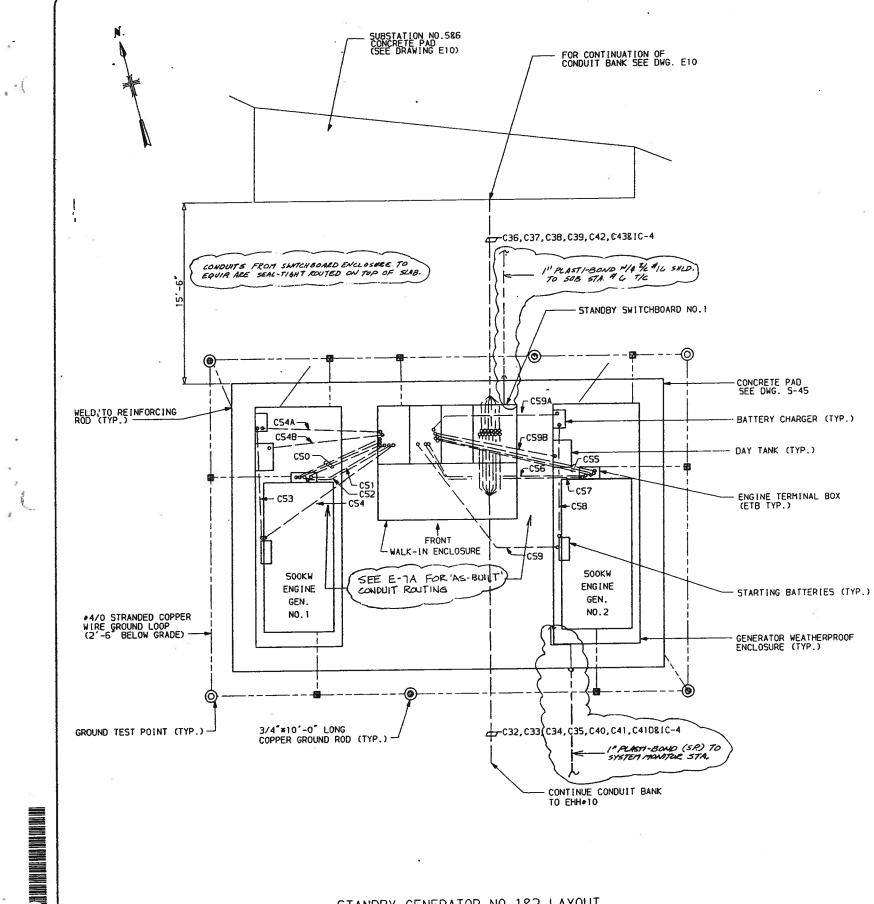


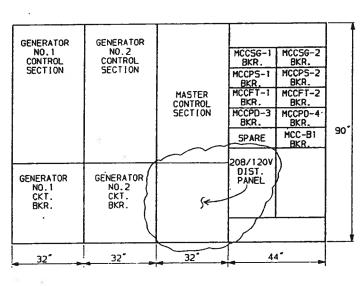










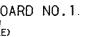


STANDBY SWITCHBOARD NO.1. FRONT VIEW (NOT TO SCALE)

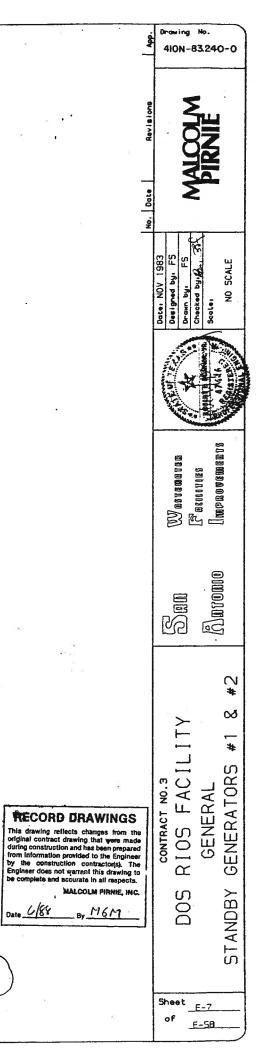
STANDBY GENERATOR NO.1&2 LAYOUT SCALE= 1/4 =1 -0

83-6502

DR

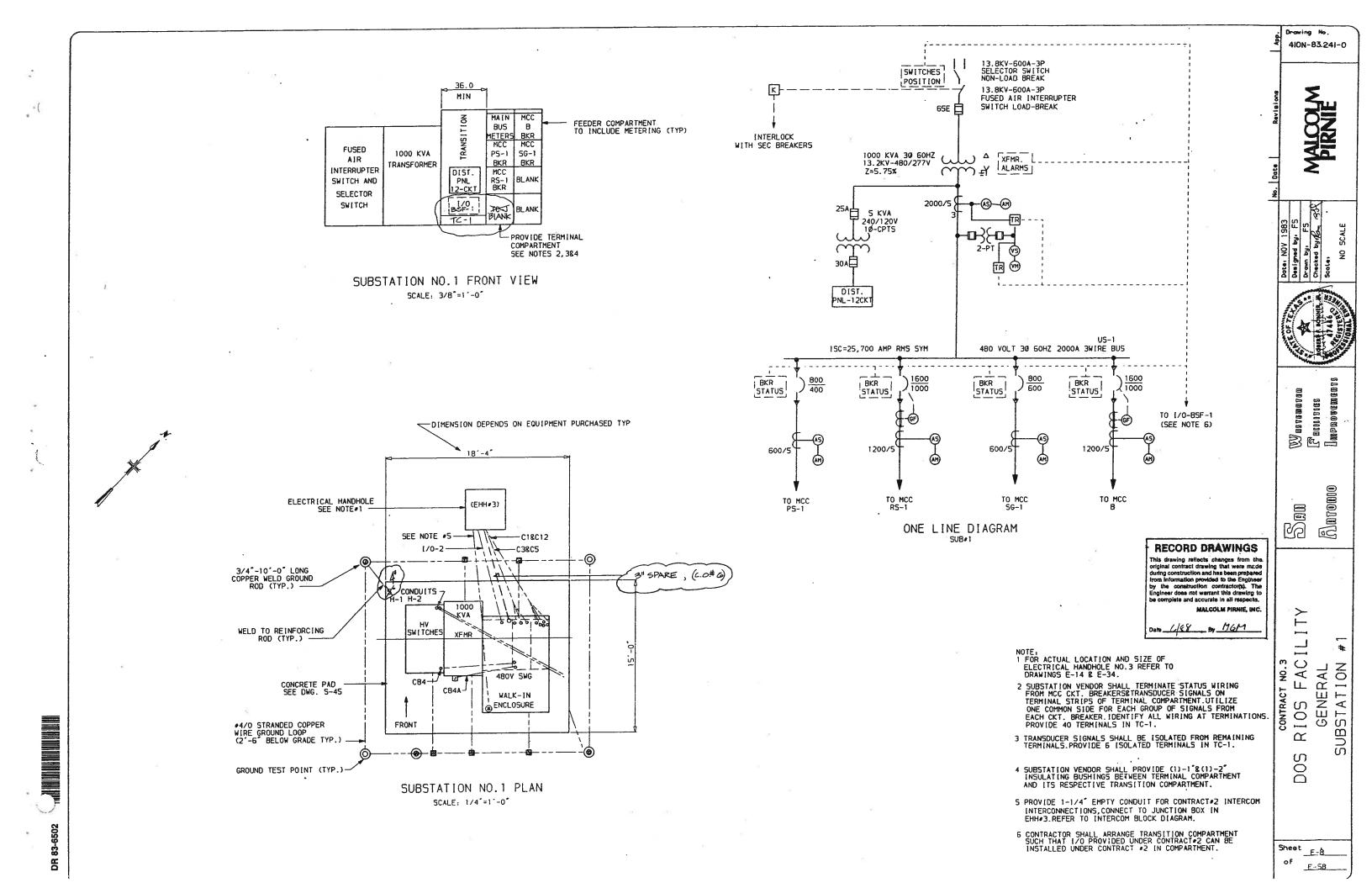


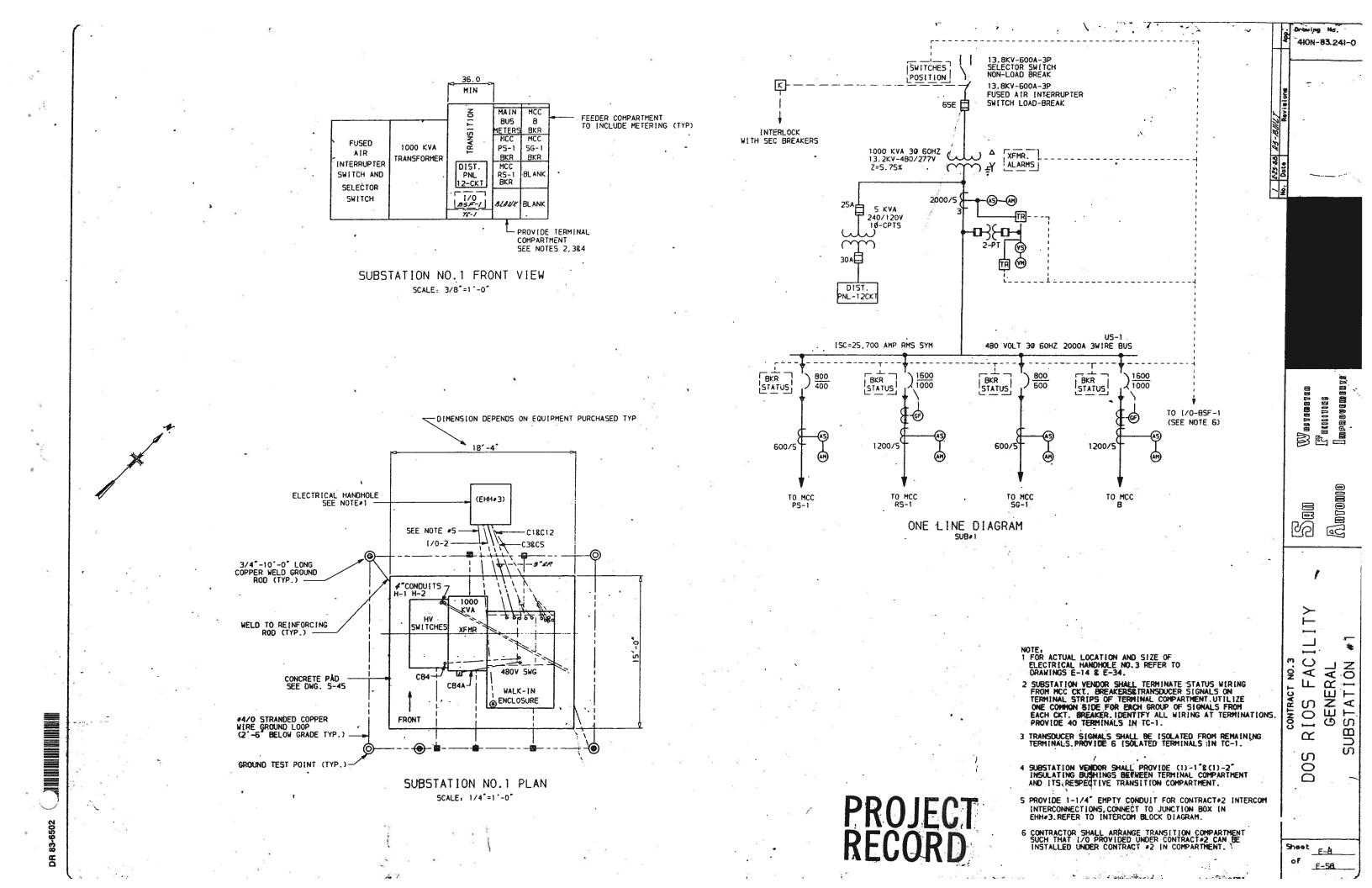
NOTE: DEMENSIONS DEPEND ON EQUIPMENT SELECTED.

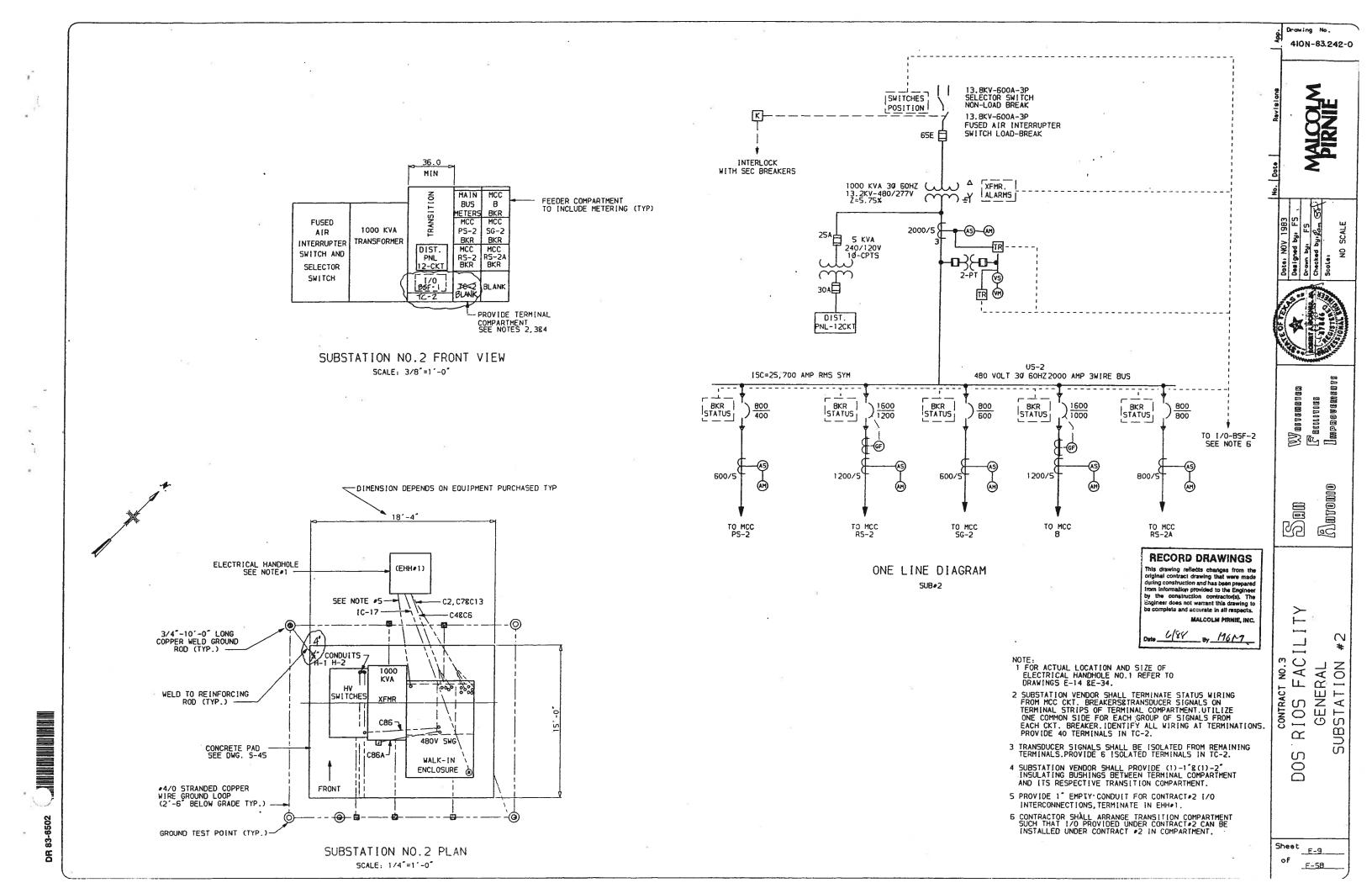


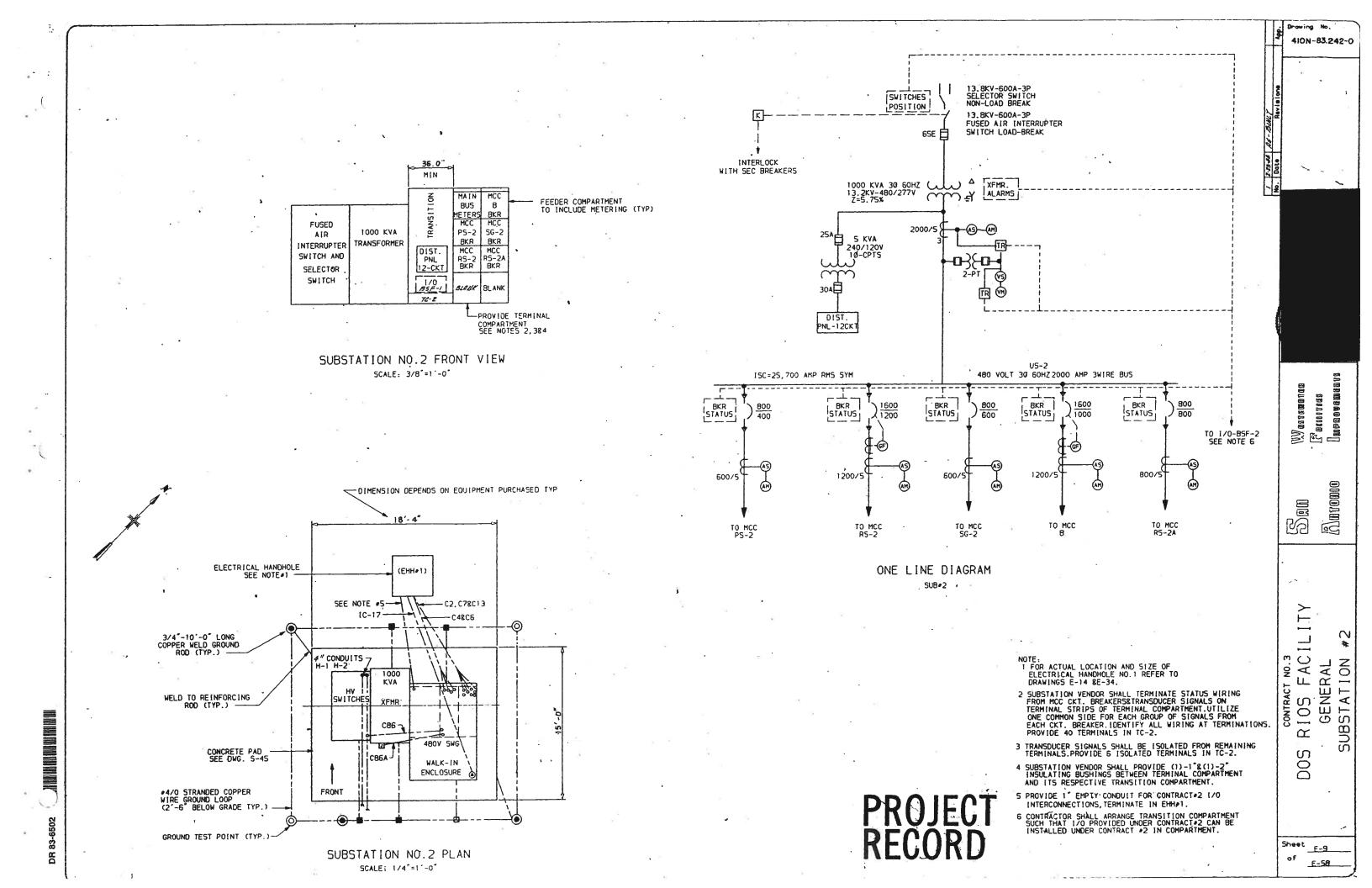
REFER TO DRAWING E-7X FOR "AS-BUILT" CONDITION

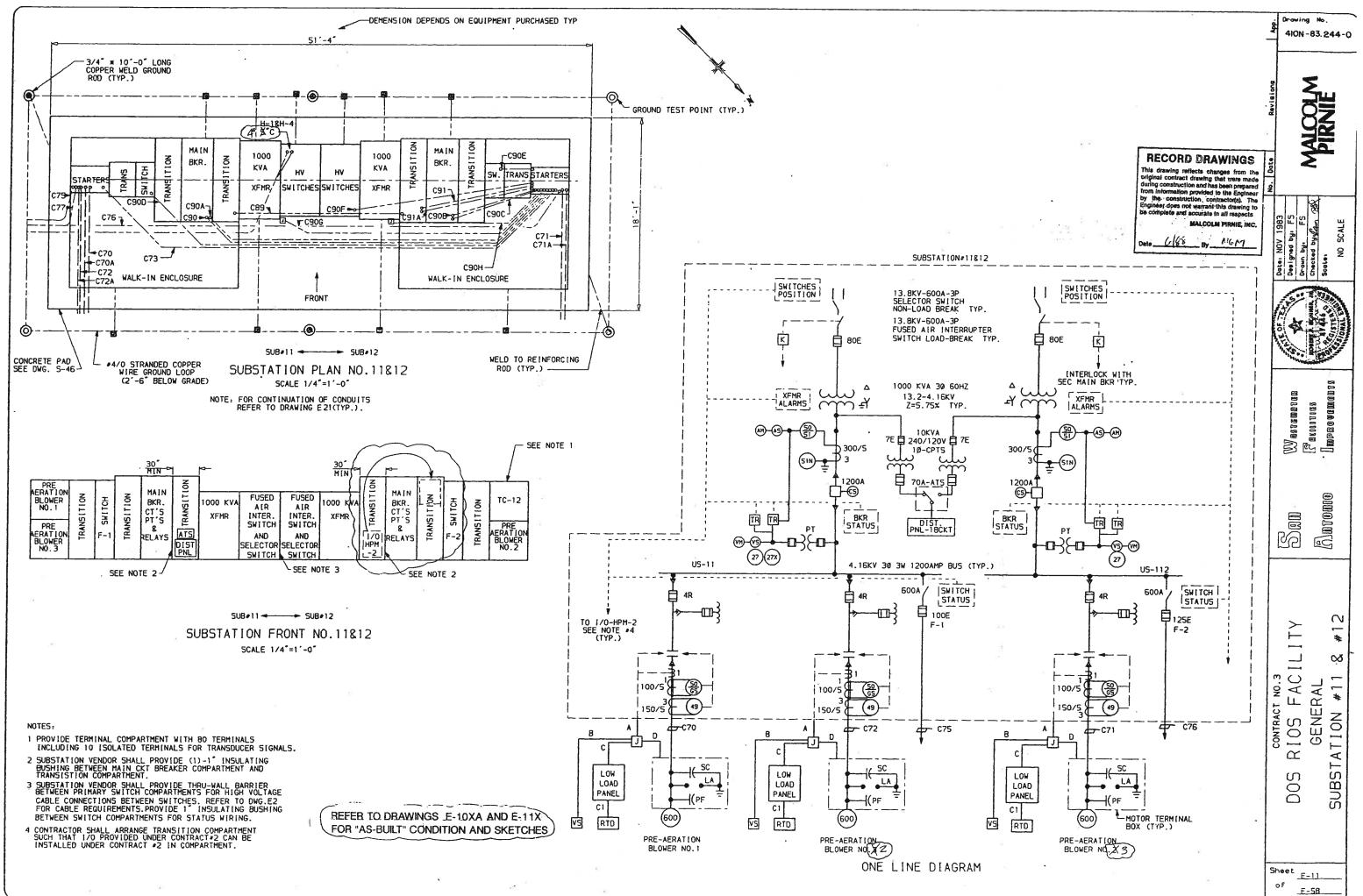
Date 6/84







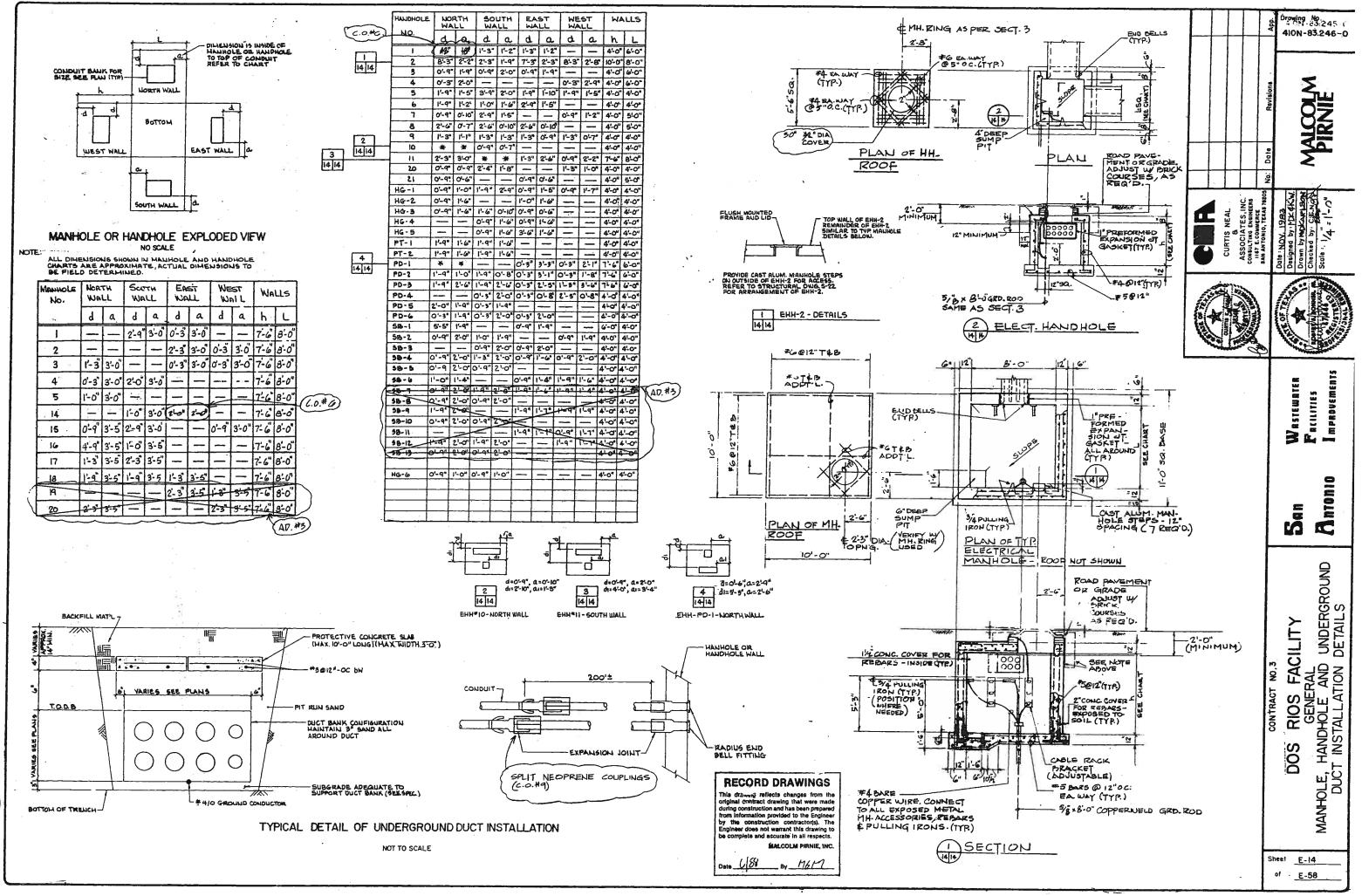




DR 83-6502

•

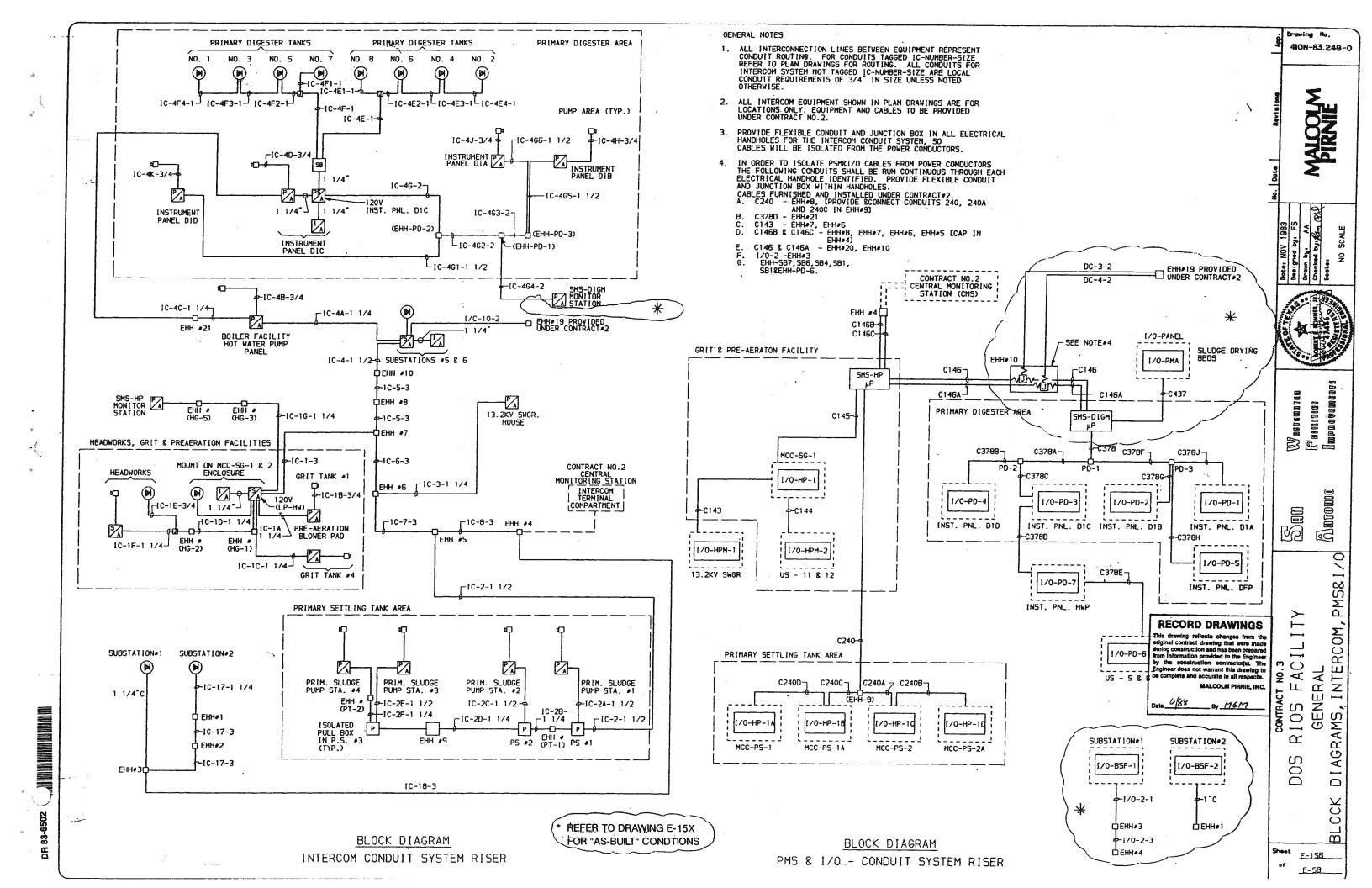
-		NDUIT	IZE	CAE		FROM	T VIA	то	PURPOSE	REMARKS			1	CA	BLE	FROM	VIA	то	PURPOSE	REMARKS	
-	NO.	1	N	ΣΤΥ.	SIZE						NO).	SIZE IN.	QTY.	SIZE				FURFUSE	REMARKS	
^۲	:1	1(2)	1-3 6		50MCI /0	SUBSTATION +1 SUBSTATION +1		MCC-SG-1	POWER	PARALLEL FEED				4	12	GEN #2		STBY SWBD #1	JACKET & SP HEA	T TO CONT PNL +2	
l c	2	101	1-3 6			SUBSTATION #1		MCC-SG-1 MCC-SG-2	GND	DADALLE COST	C57		3/4	В.	14	GEN +2		STBY SWBD +1	ENGINE MTD CT'S		
	-		2		2011CA /0	SUBSTATION #2		MCC-5G-2	POWER	PARALLEL FEED	C58		3/4	2	B	BATTERY CHARGER	1	STARTING BATTERIES	DC POWER		2
_C	3	Э	3	1		SUBSTATION +1	-	MCC-PS-1	POWER		C59	1-	3/4 3/4	2	р. 1.2	STRING BATTERIES		STBY SWBD #1	DC POWER	TO CONT PNL #2	ά.
			1	2.2		SUBSTATION #1		MCC-PS-1	GND				<u>, 1</u>	2	12	BATTERY CHARGER		STBY SWBD +1	FAIL SIGNAL	TO CONT PNL #2	- 1
С	3A ·	2	3	Þ	50MCM	MCC-PS-1		MCC-PS-1A	POWER		C598	3	1/4	2	12	DAY TANK #2		STBY SWBD +1	120 V PWR	TO DIST PNL	
_		1	4	L		MCC-PS-1		MCC-PS-1A	GND					2	12	DAY TANK #2	1	STBY SWBD +1	120 V PWR LEVEL IND	TO DIST PNL	
C	4	3	3	Ē	DOMCN	SUBSTATION 2		MCC-PS-2	POWER		C70	2.	-1/2	3	2	SUBSTATION #11	12	PRE-AER BLWR MTR #1	POWER	TO CONT PNL #2 5-KV	5
- <u>c</u>	4A	- <u> -</u> -		<u> </u>	OMON	SUBSTATION #2		MCC-PS-2	GND						5 🔬	SUBSTATION #11		PRE-AER BLWR MTR #1	GND	600V	
	1/1	1	4		JOHUP	MCC-PS-2		MCC-PS-2A MCC-PS-2A	POWER		C70A		. ¥	130	14	SUBSTATION #11		JUNCTION BOX	CONTROL	SP-HEATBOUTEMP 33 ACTIVE & 3 SP.	Ŷ
C	5	[[2]	-3			SUBSTATION +1		MCC-RS-1	POWER	(SEE NOTE 386)	C708	_	14	* 10	14	JUNCTION BOX		VIBRATION SWITCH	CONTROL	33 ACTIVE & 3 SP.	\uparrow T
						SUBSTATION #1		MCC-RS-1	GND	LUCE NOTE JOOJ			K 14)	42	141. Latera	JUNCTION BOX	-	LOW-LOAD PANEL	CONTROL	39 ACTIVE (" 3 SP.	
C	5	[3]	-3			SUBSTATION #2		MCC-RS-2	POWER	[SEE NOTE 186]	CZOC 6700	23	74-1	2	4	UNCTION BOX		TOTOR TERMINAL BOX	CONTROL BEARING TEMP DEADING TEMP CONTROLLIDG OVER TE	1P	
-	-		_			SUBSTATION #2		MCC-RS-2	GND		C71		-1/2 3		2	SUBSTATION +12		PRE-AER BLWR MTR +2			
C7	r	[[2]	-1			SUBSTATION #2		MCC-RS-2A	POWER	[SEE NOTE 186]	-			~	5 .	SUBSTATION #12		PRE-AER BLWR MTR #2	POWER	5-KV 600V	N.
C1	12	[3]	-3 9	F		SUBSTATION #2 SUBSTATION #1		MCC-RS-2A	GND	0.0	C71A	1	٩)	436)	4	SUBSTATION #12		JUNCTION BOX	CONTROL	SP HEATBOUTENP 33 ACTIVE (3 SP	Dote
	-		Э		06001 0	SUBSTATION #1	1	MCC-B MCC-B	POWER	PARALLEL FEED	C718	3/	4 3		4. 1	JUNCTION BOX		VIBRATION SWITCH	CONTROL	33 ACTIVE 3 SP.	8
CI	3	[3]	-3 9		-	SUBSTATION +2		MCC-B	POWER	PARALLEL FEED	C71C	1	4 1/4 3	2 42 J	4	JUNCTION BOX		LOW-LOAD PANEL	CONTROL	SA ACTIVE (3 SP.)	Г
			3	- 1	0	SUBSTATION +2		MCC-B	GND		CZ1C1 C7162	- 13/			4	JUNCTION BUX		RID DEVICE PONT BEARINGS	CONTROL BEARING TEMP	2	
C1	4	[2]	-3 6		OMCM			MCC-PD-1	POWER	PARALLEL FEED	C72		-1/2 3	2	86	SUBSTATION #11		PRE-AER BLWR MTR +3	CONTROLUDE OVER TEM		1
~ •	c	100	2		0	SUBSTATION +5	1.	MCC-PD-1	GND				1	~ 6		SUBSTATION #11	1	PRE-AER BLWR HTR #3	POWER	5-KV 600V	
<u>_</u> C1	5	1123-	-3 6		OMCM 0	SUBSTATION +6		MCC-PD-2	POWER	PARALLEL FEED	C72A	1		136) 1	4.:	SUBSTATION #11		JUNCTION BOX	CONTROL	SP-HEATGOVTEMP	
CI	6	(3)-	-3 9		•	SUBSTATION +5		MCC-PD-2 MCC-PD-3	GND	DADALLEL FEED	C72B	3/		¹	4	JUNCTION BOX		VIBRATION SWITCH	CONTROL	33 ACTIVE \$ 35P.	1
	-	1	3	4/	0	SUBSTATION +5		MCC-PD-3	GND	PARALLEL FEED	0720		4 1/4 1	42	4	JUNCTION BOX		LOW-LOAD PANEL	CONTROL	39 ACTIVE (3 SP.	
C1	7	[3]-	-3 9	БС		SUBSTATION #6		MCC-PD-4	POWER	PARALLEL FEED	C72C1 C720		1	#		UNCTION BOX		NTD DEVICE FRANT BEARING	CONTROL BEARING TEMP.		
		-	3	4/	0	SUBSTATION +6		MCC-PD-4	GND		C73	1	1	1 b.	4	SUBSTATION #12		SUBSTATION #11	CONTROL UND OVER TEMP		
61	8	[3]-	-3			SUBSTATION #5		MCC-FT-1	POWER	[SEE NOTE 486]	C75	5		i-		SUBSTATION #11		MCC-CAB2	STATUS POWER	FROM BLW STARTER	
CI	a	(3)-				SUBSTATION +5		MCC-FT-1	GND		C76	5	-	-		SUBSTATION #12		MCC-CAB2	POWER	[SEE NOTES 586] [SEE NOTES 586]	
61	5	1.31-	1			SUBSTATION #6		MCC-FT-2 MCC-FT-2	POWER	[SEE NOTE 486]	C77	5	-	ŀ		SUBSTATION #11		MCC-CAB2	INTERLOCK	(SEE NOTES 586)	
СЗ	2	з	3	50	OMCM	STBY SWBD +1		MCC-SG-1	GND		C84	3/4	-	ľ		US-1 PRIM SW	1	TERMINAL COMP [TC-1]	STATUS	TERM ON TC-1	
		1	1	2		STBY SWBD +1		MCC-SG-1	GND		C84A C86	3/4		h		JB AT US+1 XFMR		TERMINAL COMP [TC-1]	ALARMS	TERM ON TC-1	
C3	3	з	= 3	Бo		STBY SWED +1		MCC-SG-2	POWER		C86A	3/4		1	· (JS-2 PRIM SW JB AT US-2 XFMR	1	TERMINAL COMP [TC-2]	STATUS	TERM ON TC-2	1
c			1	Þ		STBY SWBD #1		MCC-SG-2	GND		C87	3/4		10		CONT PWR XFMR		TERMINAL COMP [TC-2]	ALARMS	TERM ON TC-2	
¢3	4	3	3	50		STBY SWBD +1		MCC-PS-1	POWER		C88		1/4 6	12		DIST PANEL	BUSHING	AUTO TRANSFER SW	POWER 120V PWR	240/120V	
C3	<u>_</u>	12	-1-		_	STBY SWBD #1		MCC-PS-1	GND				24	14		TERM COMP [TC-5]		TERMINAL COMP [TC-6]	STATUS	480V SWG DEVICE	
53		1	1	рU b		STBY SWBD #1		MCC-PS-2 MCC-PS-2	POWER		CBBA	3/4		2/0 18		TERM COMP [TC-5]		TERMINAL COMP [TC-6]	SIGNAL	TERM ON TC-6	1
C36	6	3	ľ	ſ		STBY SWBD +1		MCC-FT-1	GND POWER	(SEE NOTE 486)	C888	3/4	q 4	14	I	JS-5 PRIM SW	BUSHING	TERMINAL COMP [TC-6]	STATUS	TERM ON TC-6	
			1			STBY SWED #1		MCC-FT-1	GND	LULL NUIC 4603	C88C	3/4	4 7	14 14		JS-6 PRIM SW J8 AT US-6 XFMR	1	TERMINAL COMP (TC-6)	STATUS	TERM ON TC-6	-
C31	7	3			_	STBY SWBD #1		MCC-FT-2	POWER	(SEE NOTE 486)	C88D	3/4	1.	14	· · · · ·	BAT US-5 XFMR	[TERMINAL COMP [TC-6]	ALARMS	TERM ON TC-6	[
~~	,	6		L		STBY SWBD +1		MCC-FT-2	GND		C89	1	3	5		PT AT SUB #12	1	AUTO TRANSFER SW	POWER	TERM ON TC-6	
C38		3	3	55		STBY SWBD #1 STBY SWBD #1		MCC-PD-3	POWER				2	ho	·: (IST PANEL	BUSHING	MAIN BKR AT SUB #12	CONTROL PWR	240/120V 240V	
C39	9	3	3	4 85		STBY SWBD #1		MCC-PD-3 MCC-PD-4	GND POWER		C90	I	6	12	r r	IST PANEL	BUSHING	TERMINAL COMP [TC-12]		SWGR DEVICES	
	-	ſ	Ĩ	2		STBY SWBD #1	1	MCC-PD-4	GND		C90A	3/4	6	14		N BKR AT SUB+11		TERMINAL COMP [TC-12]	STATUS	TERM AT TC-12	
C40)	[[2]]	3			STBY SWED #1	[ATS]	MCC-B1	POWER	(SEE NOTE 286)	C90A	3/4		14		N BKR AT SUB#11 N BKR AT SUB#12	+	TERMINAL COMP [TC-12]	SIGNAL	TERM AT TC-12	
			1		1	STBY SWBD #1	1	MCC-B1	GND		C90C	3/4		· · ·	1	N BKR AT SUB#12	_	TERMINAL COMP [TC-12] TERMINAL COMP [TC-12]	STATUS	TERM AT TC-12	
C41		3	48	12		STBY SWBD +1	}	HANDHOLE #8	GEN START & CT'L		C90D	3/4	1-1	14		D SW AT SUB #11		TERMINAL COMP [TC-12]		TERM AT TC-12	
C41 C41		2	24	12				MCC-SG-1	GEN START & CT'L		C90E	3/4		14	F	D SW AT SUB #12		TERMINAL COMP [TC-12]	1 1	TERM AT TC-12 TERM AT TC-12	
C41 C41		2	12	12		HANDHOLE #8		MCC-PS-1	GEN START & CT'L		C90F	3/4	4	14		UB #11 PRIM SW	BUSHING	TERMINAL COMP [TC-12]		TERM AT TC-12	
C41		3	1.2	12		STBY SWBD #1		MCC-PS-2 MCC-B1	GEN START & CT'L	[2-SPARE [SEE NOTE 286]	10000	h	6	14		UB #12 PRIM SW		TERMINAL COMP. [TC-12]		TERM AT TC-12	
C42		2	24	12		STBY SWBD +1		MCC-PD-3	GEN START & CT'L	LULL NUIE 2601	C30C	3/4		14		BAT SUB #11		TERMINAL COMP [TC-12]	1 1	TERM AT TC-12	<u></u>
			4	þ	1	STBY SWBD +1		MCC-PD-3	208/120V-PWR	LP-PD4 VIA C345	Саон	3/4	7	14		FMR BATSUB≉12					N N
-			1	10		STBY SWBD #1		MCC-PD-3	GND				_ '	[]		FMR		TERMINAL COMP [TC-12]	ALARMS	TERM AT TC-12	<u> </u>
C43		2		L	1	STBY SWBD #1		MCC-FT-1	GEN START & CT'L	[SEE NOTE 486] .	C91	2		·		ERM COMP [TC-12]	t	[/0-HPM-1	PWR & STATUS		AC.
:50		(3)-3	19			EN #1		STBY SWBD #1	STBY POWER		C91A	1	. -	┢		ERM COMP [TC-12]	1	[/O-HPM-1		EMPTY CONDUIT	ITRA
:51		1-1/4	13	2/0		GEN #1 GEN #1		STBY SWBD #1	GND		C92	3/4	1			EED H-1 COMP	1	AUX COMP TERMINALS		I/O-HPM-1	CONT
ا دي.		, - , / 4	4	12		EN #1		STBY SWBD +1 STBY SWBD +1	ENGINE MTD DEV	TO CONT PNL #1	C92A	3/4			1	ED H-3 COMP		AUX COMP TERMINALS		I/O-HPM-1	
C52		3/4	8	14		EN #1		STBY SWBD #1	JACKET & SP HEAT ENGINE MTD CT'S	TO CONT PNL #1	<u>C92B</u>	3/4				COMING COMP		AUX COMP TERMINALS	1 1	1/0-HPM-1	-
:53		3/4	2	B		ATTERY CHARGER		STARTING BATTERIES	DC POWER	I CONTENL #1	C92C C92D	3/4	1			NCOMING COMP		AUX COMP TERMINALS		1/0-HPM-1	
:54		3/4	2	в		TRTNG BATTERIES		STBY SWBD #1	DC POWER	TO CONT PNL #1	C92E	3/4				ED H-2 COMP		AUX COMP TERMINALS	1 1	1/0-HPM-1	
54	A :	3/4	2	12	_	ATTERY CHARGER	1	STBY SWBD #1	FAIL SIGNAL	TO CONT PNL #1			1210	100				AUX COMP TERMINALS		1/0-HPM-1	
		2/2	2	12		ATTERY CHARGER	·	STBY SWBD #1	120 V PWR	TO DIST PNL								•	RECO	ORD DRAWINGS	
54	в	3/4	12	12		AY TANK #1		STBY SWBD #1	120 V PWR	TO DIST PNL		1				- (k)	t		1 I I I	ng tellects changes from the niract drawing that were made	1
55	ļ	[3] -3	2	12		AY TANK #1		STBY SWBD #1	LE VEL IND	TO CONT PNL #1									during cons	inuction and has been prepared	
55		[3] -3	3	2/0		EN #2 EN #2	1	STBY SWBD #1	STBY POWER			[FOR NOTES SEE SHEET	E-15A		from inform	nation provided to the Engineer Instruction contractor(s). The	1
56		1-1/4	25	12		EN #2		STBY SWBD #1	GND ENGINE MTD DEVS	TO CONT ON								-	i Engineerida	Dea not warrant this drawing to 1	
	L				10			10101, 000 #1		TTU CONT PNL #2						· · ·	L]		be complete	and accurate in all respects.	Shee

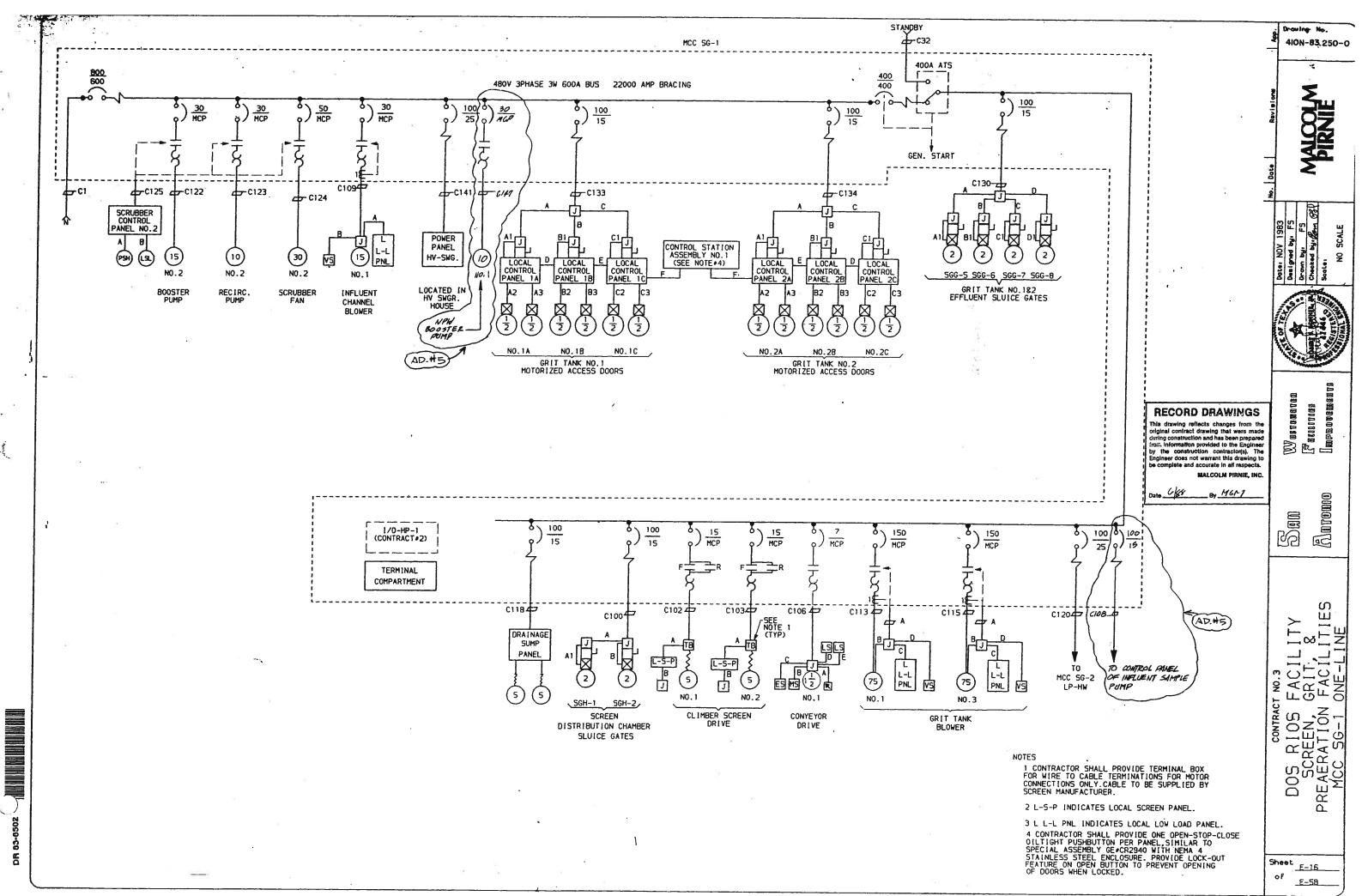


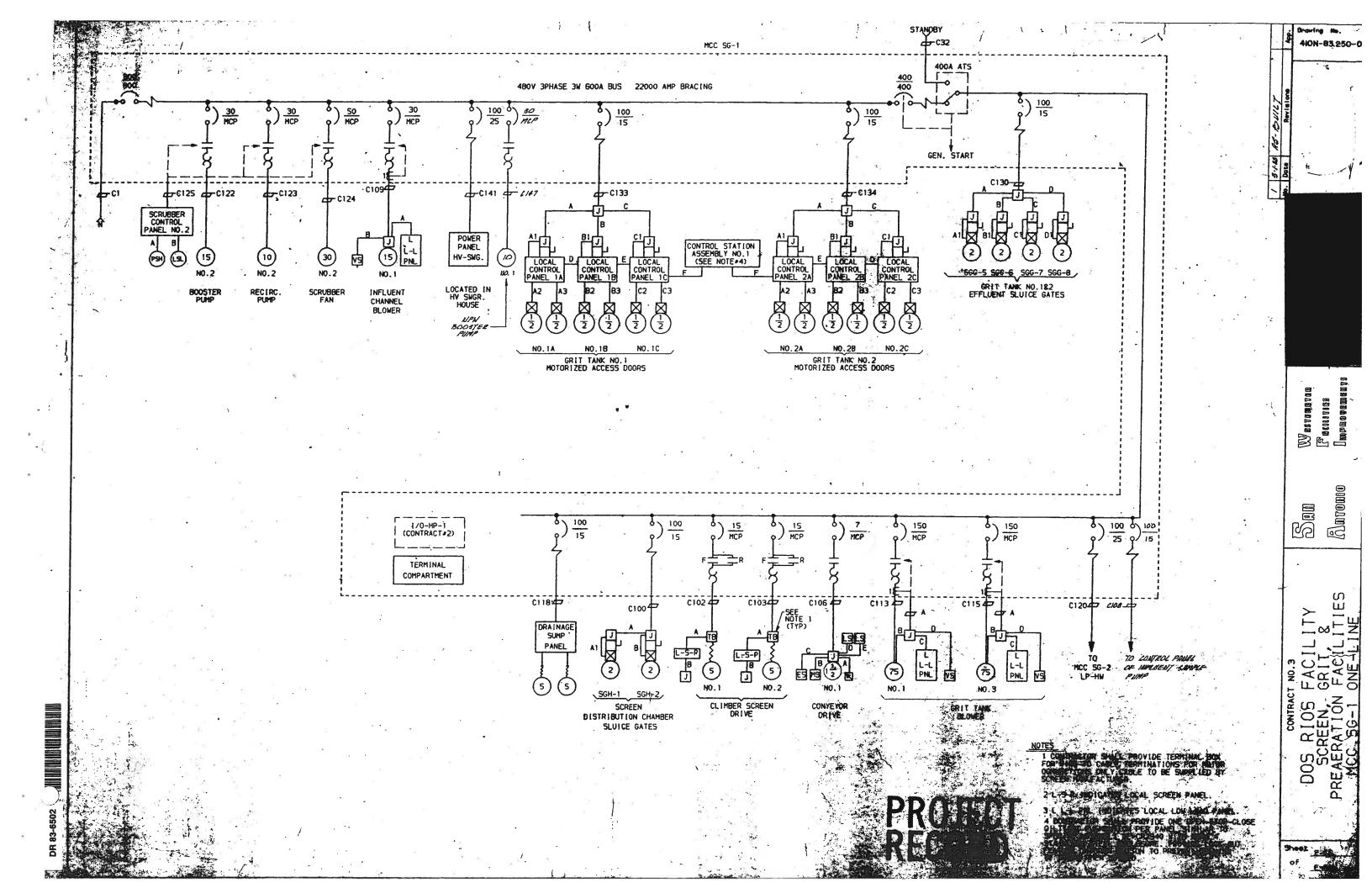
83-6502

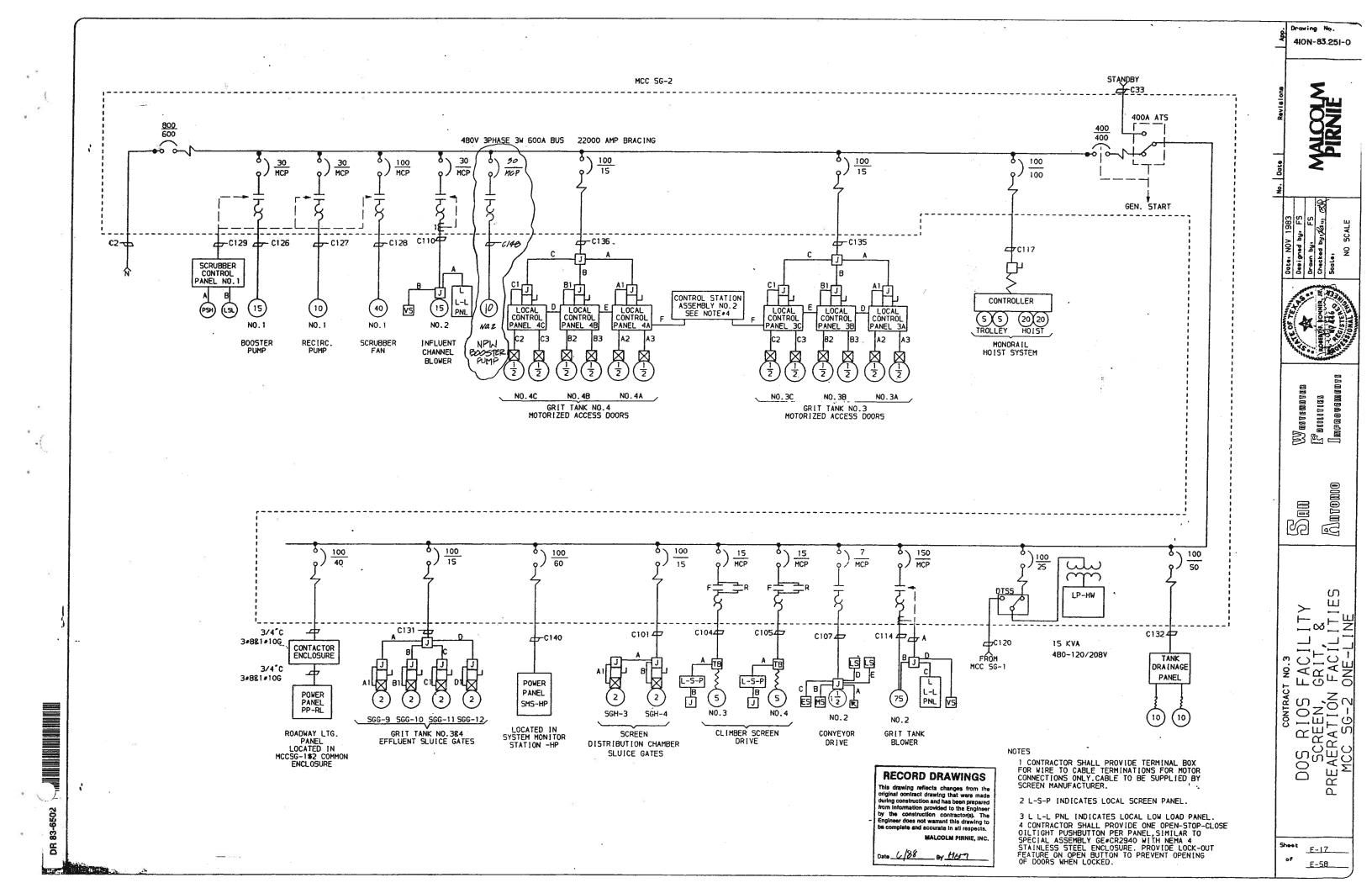
н ЩШ

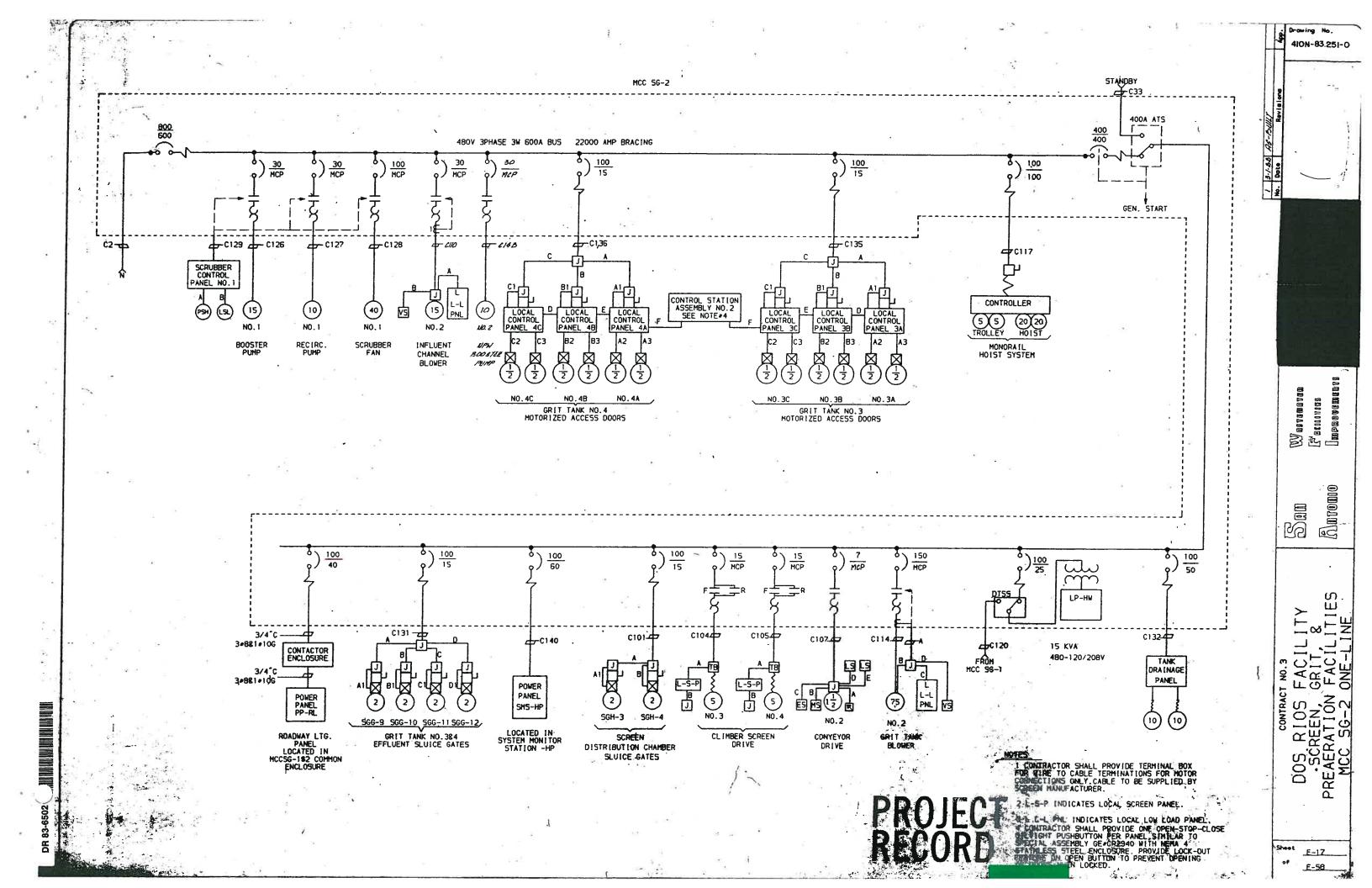
H

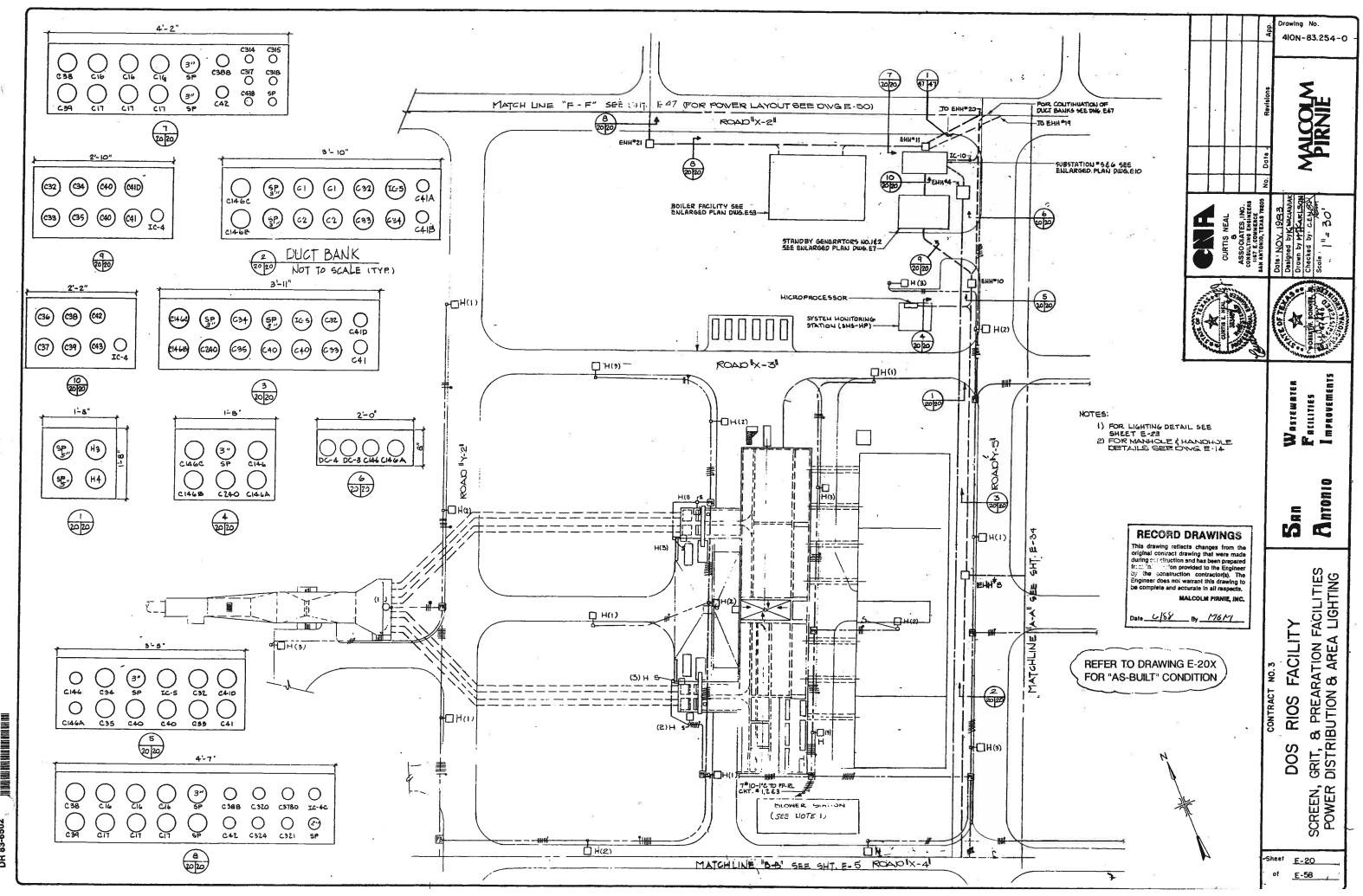




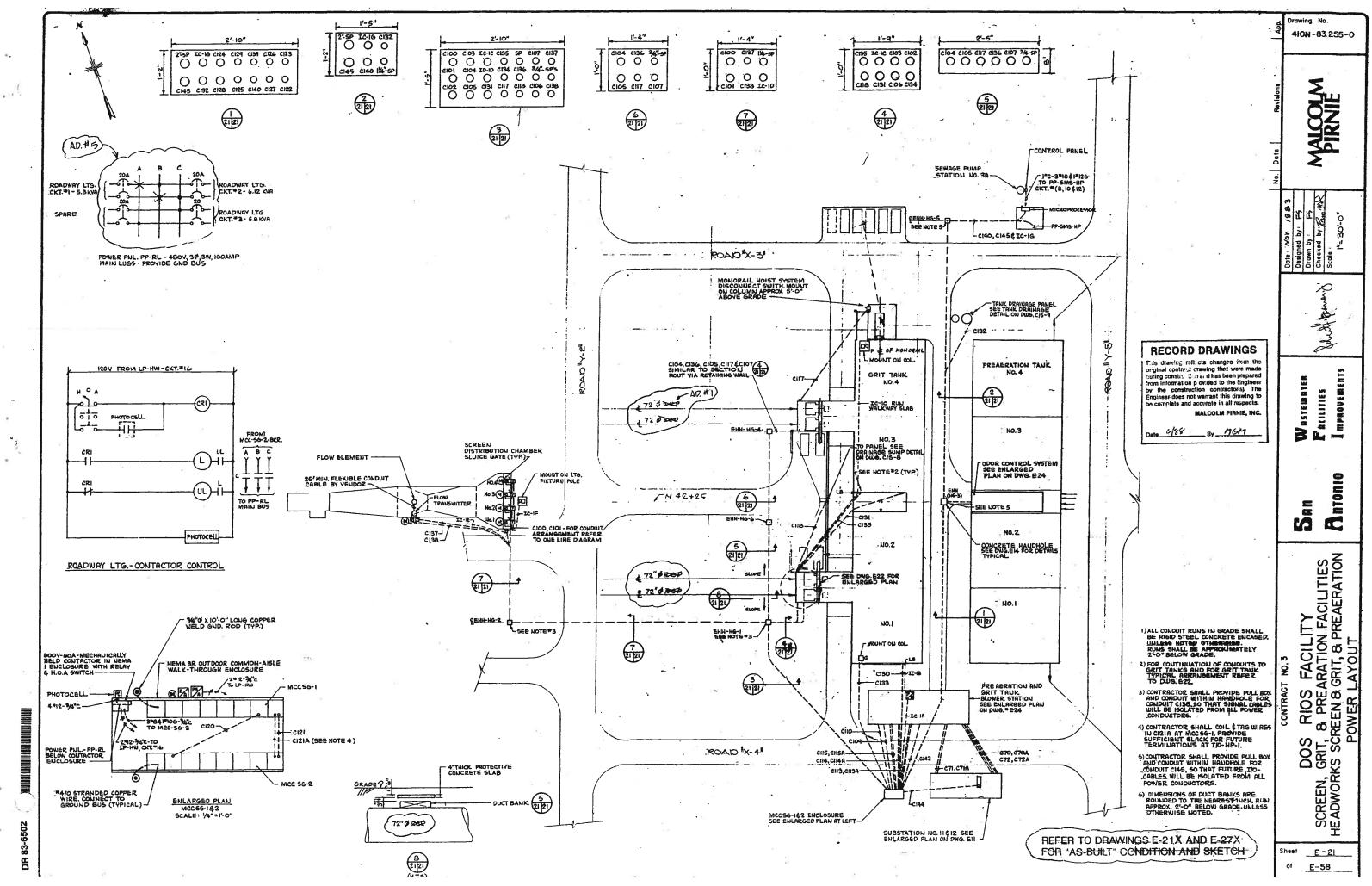


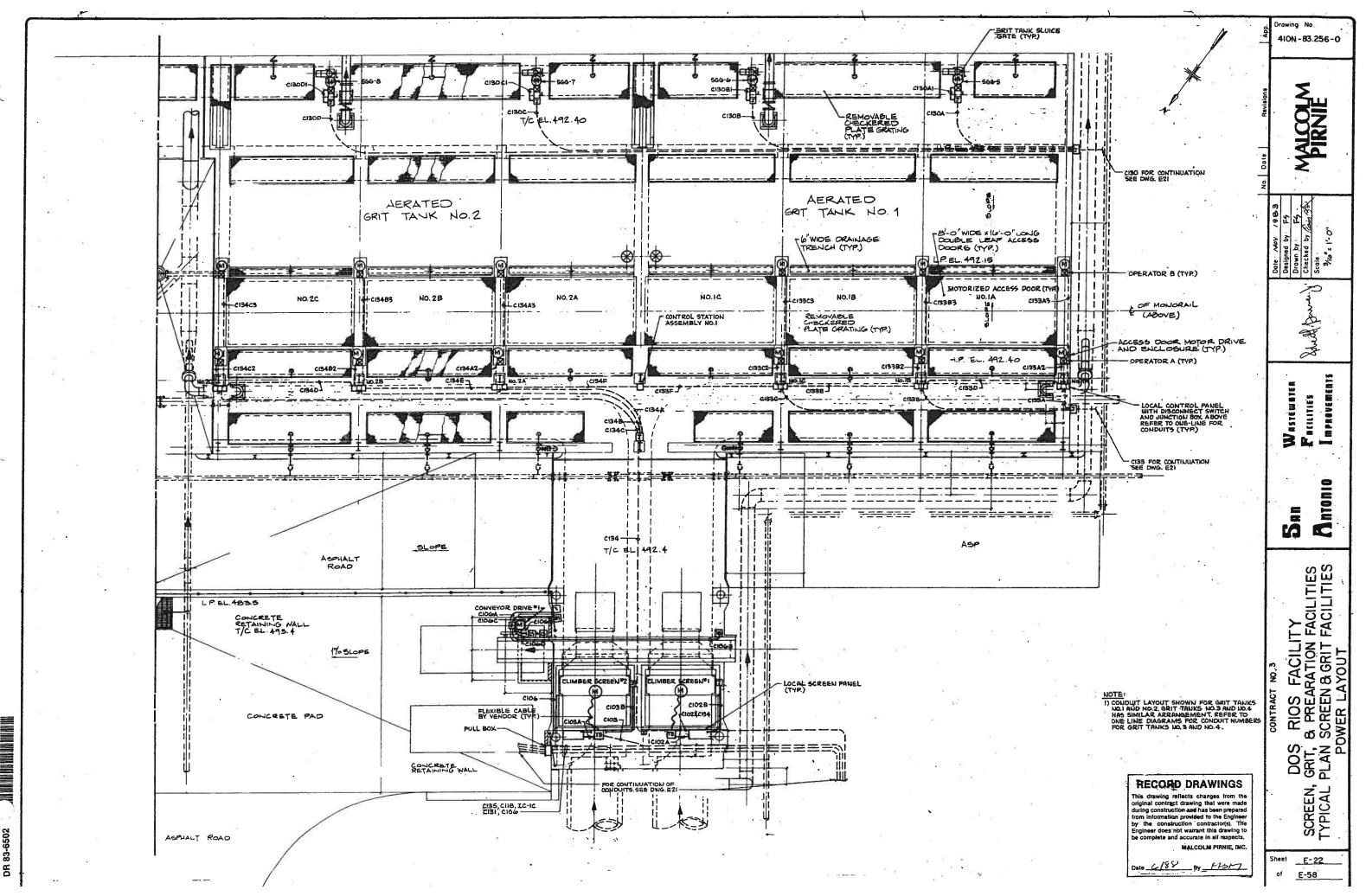




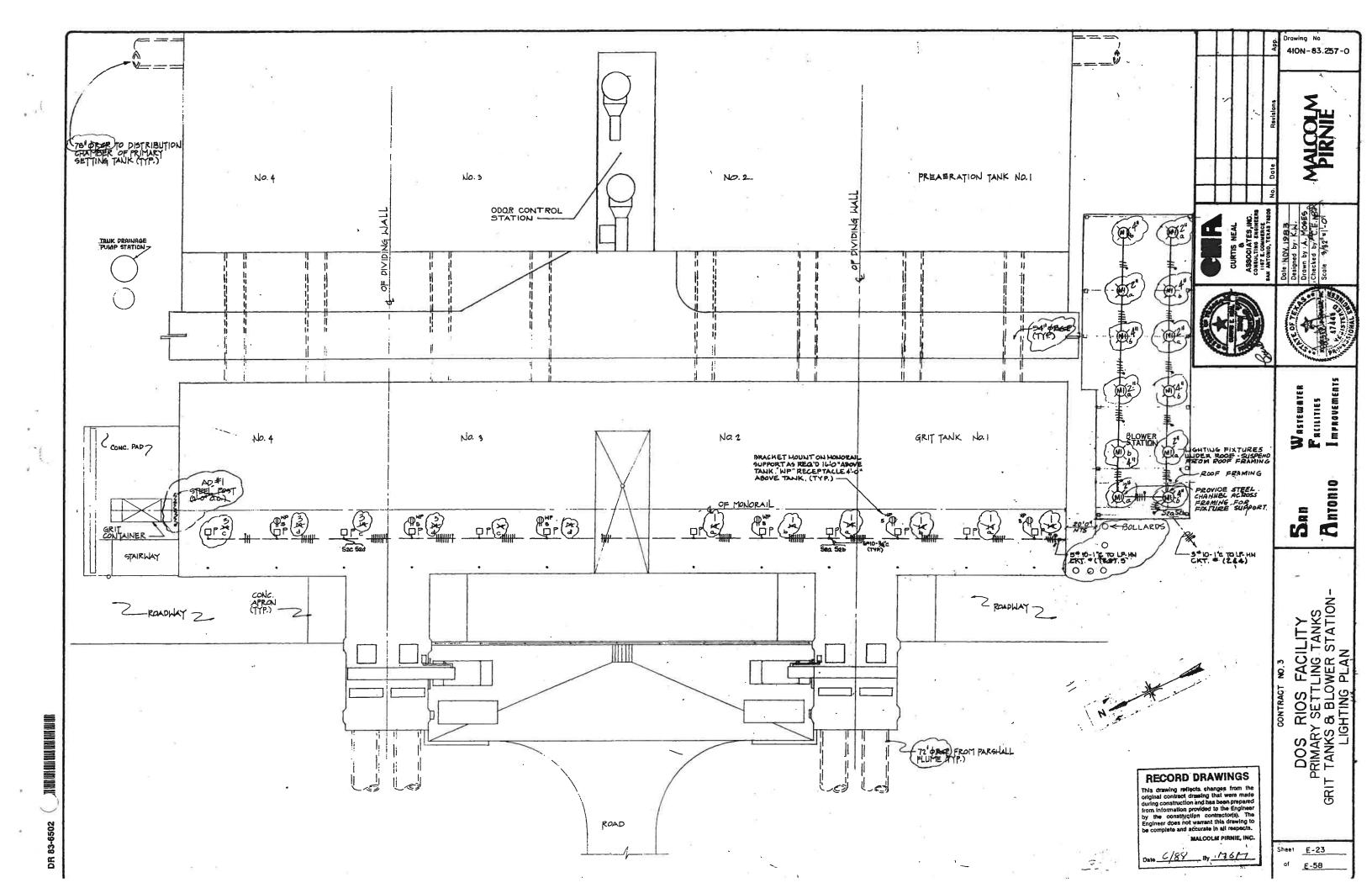


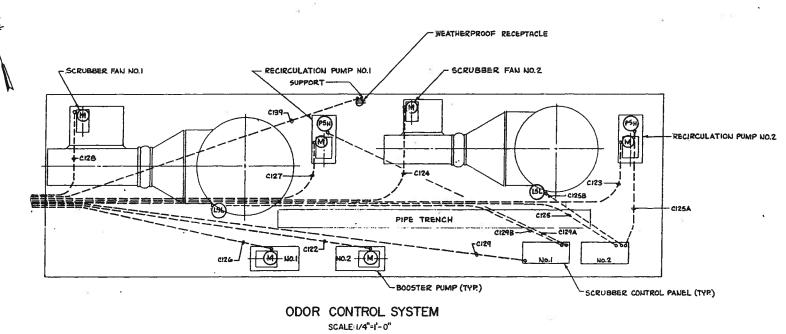
2000-28 HC



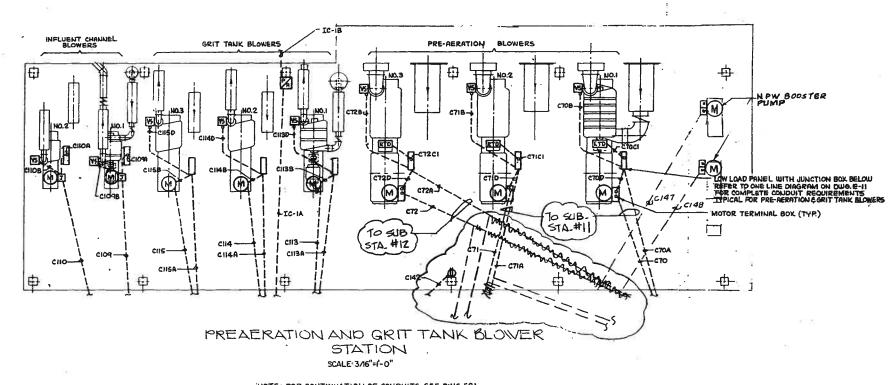


ŝ



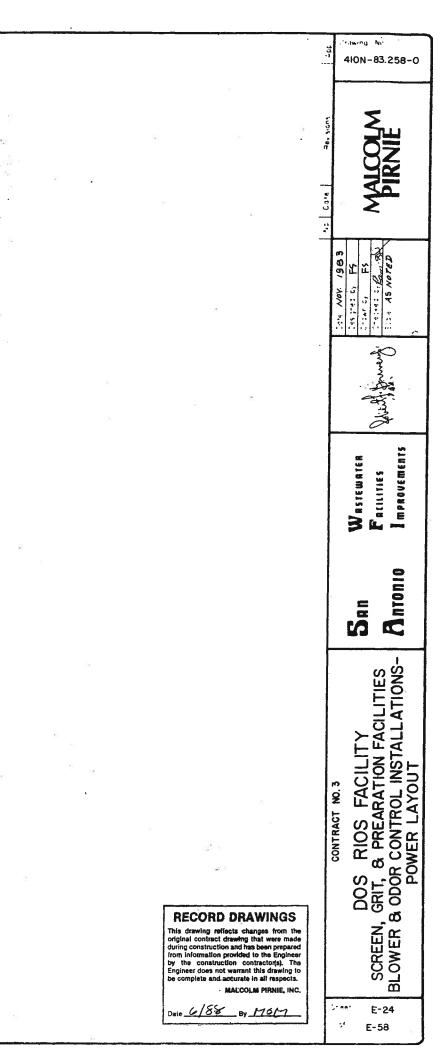


NOTE: FOR CONTINUATION OF CONDUITS SEE DUG. E21



NOTE: FOR CONTINUATION OF CONDUITS SEE DUG.E21

DR 83-6502



COND	ИТ	CAE	ILE		8				C0	NDUIT	c,	ABLE	•				28 ACTIVE 2 25P.
NO.	SIZE	QTY.	SIZE	FROM	VIA	TO	PURPOSE	REMARKS	NO.	SIZE	QTY.	SIZE	FROM	AIV	то	PURPOSE	(REMARKS
00	IN. 1-1/4	L	12	MCC-SG-1	UB & DISC	OPERATOR SGH-2	POWER & GND			<u>IN.</u>			MCC-SG-1				36 ACTIVE 2 SP
~	1-174	20	14	MCC-SG-1		JUNCTION BOX	CONTROL & IND		C115A	341	1330	р 14	MCC-SG-1 º		GRIT BLOWER MOTOR 3 JUNCTION BOX	GND	<u>N</u>
		4	4	MCC-SG-1		JUNCTION BOX	INTERLOCKS	CLIMBER SCREEN	C1158	3/4	4	14	JUNCTION BOX		MOTOR	CONTROL	SP HEATBOVTEMP
A00	1	4	12	JUNCTION BOX	UB & DISC	OPERATOR SGH-1	POWER & GND		C115C		10 28	h4	JUNCTION BOX		LOCAL LOW-LOAD PANEL	CONTROL	SF HERROOTEN
			4	JUNCTION BOX		JUNCTION BOX	CONTROL & IND		C1150	3/4	3	14	JUNCTION BOX		VIBRATION SWITCH	CONTROL	
0011	3/4	2	4	JUNCTION BOX		JUNCTION BOX	INTERLOCKS	CLIMBER SCREEN	C117	1	3	4	MCC-SG-2		MONORAIL DISCONNECT SW	POWER	
00A1 00B	3/4	12	4	JUNCTION BOX		OPERATOR SGH-1 OPERATOR SGH-2	CONT, IND & INT		C118			p 12	MCC-5G-2 MCC-5G-1		MONORAIL DISCONNECT SW	GND	
01	1-1/4		2	MCC-SG-2	UB & DISC	OPERATOR SGH-4	POWER & GND			!'	12	14	MCC-SG-1	2	DRAINAGE SUMP PANEL DRAINAGE SUMP PANEL	POWER & GND	:
•••		20	4	MCC-SG-2		JUNCTION BOX	CONTROL & IND		C120	3/4	3	10	MCC-5601	DTSS	MCC-SG-2	LP-HW-PWR	FOR PNLS-C10283
		4 1	4	MCC-5G-2		JUNCTION BOX	INTERLOCKS	CLIMBER SCREEN	C121	1-1/4	6	10	MCC-SG-2 (LP-HW)		MCC-SG-1	120V PWR & GND	FOR LCL PNLS
01A	1	4 1	2	JUNCTION BOX	UB & DISC	OPERATOR SGH-3	POWER & GND	1			1						VIA C10283
		10	4	JUNCTION BOX		JUNCTION BOX	CONTROL & IND		1		12	12	MCC-SG-2		MCC-SG-1	GEN START & CONT	
01A1	3/4	12	4	JUNCTION BOX		JUNCTION BOX	INTERLOCKS	CLIMBER SCREEN	C121A	2-1/2	100	14	MCC-56-2 MCC-56-1		MCC-SG-1	STATUS	TO PC-HP-1
018			4	JUNCTION BOX	+	OPERATOR SGH-4			1 0122	- 15/4	1	12	MCC-5G-1		BOOSTER PUMP +2 MOTOR BOOSTER PUMP +2 MOTOR	GND POWER	+
02		-	2	MCC-SG-1		TERMINAL BOX	POWER & GND		11		2	14	MCC-SG-1		BOOSTER PUMP #2 HOTOR	CONTROL	SPACE HEATER
		20 P	4	MCC-SG-1		TERMINAL BOX	CONTROL & IND	SPACE HEATER	C123	3/4	3	10	MCC-SG-1		RECIRC PUMP +2 MOTOR	POWER	GENTER DENTER
		3 h	0	MCC-SG-1		TERMINAL BOX	120 V PWR & GND	LP-HW, VIA C121			1	12	MCC-SG-1	1	RECIRC PUMP +2 HOTOR	GND	
02A	·	18 1	4	TERMINAL BOX	<u> </u>	LOCAL SCREEN PANEL	CONTROL & IND	+	11-000-		2	n 4	MCC-SG-1		RECIRC PUMP +2 MOTOR	CONTROL	SPACE HEATER
02B	1/4	о в 1	4	TERMINAL BOX		LOCAL SCREEN PANEL SCREEN MTD JB	120 V PWR & GND CONTROL	LIMIT SWITCHES	C124	1-1/4	13	P.	MCC-SG-1 MCC-SG-1		SCRUBBER FAN +2 MOTOR	POWER	
03		4	ź	MCC-SG-1		TERMINAL BOX	POWER & GND	i switches	11		4	14	MCC-5G-1		SCRUBBER FAN #2 MOTOR SCRUBBER FAN #2 MOTOR	GND	
-	1	20	4	MCC-SG-1		TERMINAL BOX	CONTROL & IND	SPACE HEATER	C125	1	22	14	MCC-SG-1		SCRUBBER CONT PANEL #2	CONTROL & GND	SP HEAT&OVTEMP
		<u>3</u>	0	MCC-SG-1	ļ	TERMINAL BOX	120 V PWR & GND	LP-HW, VIA C121	C125A	3/4	2		SCR CONT PNL #2		PRESSURE SWITCH	CONTROL	
D3A		18 1	4	TERMINAL BOX		LOCAL SCREEN PANEL	CONTROL & IND		C1258	3/4	-		SCR CONT PNL #2		LEVEL SWITCH	CONTROL	<u>†</u>
, ЭЗВ	1/4	3 1	0	TERMINAL BOX	1	LOCAL SCREEN PANEL	120 V PWR & GND CONTROL	LIMIT SWITCHES	C126	3/4	-		MCC-SG-2		BOOSTER PUMP +1 MOTOR	POWER	
04	-1/4		9 7	MCC-SG-2		TERMINAL BOX	POWER & GND	LIMN SWITCHES					4CC-5G-2 4CC-5G-2		BOOSTER PUMP +1 MOTOR	GND	
~	1	20	4	MCC-SG-2		TERMINAL BOX	CONTROL & IND	SPACE HEATER	C127	3/4	-		100-30-2 100-56-2		BOOSTER PUMP #1 MOTOR RECIRC PUMP #1 MOTOR	CONTROL	SPACE HEATER
		3 В		MCC-5G-2		TERMINAL BOX	120 V PWR & GND	FROM LP-HW			1		1CC-SG-2		RECIRC PUMP #1 MOTOR	GND	
D4A	-1/4	18 1	4	TERMINAL BOX		LOCAL SCREEN PANEL	CONTROL & IND				2		1CC-SG-2		RECIRC PUMP #1 MOTOR	CONTROL	SPACE HEATER
		з в		TERMINAL BOX		LOCAL SCREEN PANEL	120 V PWR & GND		C128	1-1/4	3		1CC-5G-2		SCRUBBER FAN #1 MOTOR	POWER	
04B 05	-1/4	8 1	4	LOCAL SCREEN PNL MCC-SG-2		SCREEN MTD JB TERMINAL BOX	CONTROL POWER & GND	LIMIT SWITCHES]]		1		1CC-SG-2		SCRUBBER FAN #1 MOTOR	GND	
		20 1		MCC-5G-2	}	TERMINAL BOX	CONTROL & INC	SPACE HEATER	C129		4		1CC-SG-2 1CC-SG-2		SCRUBBER FAN +1 MOTOR	CONTROL	SP HEATBOVTEMP
		3 8	'	MCC-5G-2		TERMINAL BOX	120 V PWR & GND	FROM LP-HW	C129A	3/4	2		CR CONT PNL #1		SCRUBBER CONT PANEL #1 PRESSURE SWITCH	CONTROL & NGD	1 #14 FOR GND
5A	-1/4	18	4	TERMINAL BOX		LOCAL SCREEN PANEL	CONTROL & IND		C1298	3/4	2		SCR CONT PNL +1		LEVEL SWITCH	CONTROL	
		зв		TERMINAL BOX		LOCAL SCREEN PANEL	120 V PWR & GND		C130	1-1/4	4	12	ICC-5G-1		JUNCTION BOX	POWER & GND	8
	/4	<u>8</u> 1	4	LOCAL SCREEN PNL		SCREEN MTD JB	CONTROL	LIMIT SWITCHES			24		ICC-SG-1	-	JUNCTION BOX	INDICATION	
x 6	/4	4 p;	2	MCC-SG-1	JUNCTION BOX	CONVEYOR DRIVE 1 JUNCTION BOX	POWER & GND CONTROL & IND		C130A	3/4	4		UNCTION BOX	UB & DISC	OPERATOR SGG-5	POWER & GND	
)6A	14	3 1	4	MCC-SG-1 JUNCTION BOX		CONTROL STATION	CONTROL		C130A1	3/4	6 1		UNCTION BOX		JUNCTION BOX	INDICATION	
1	1	3 1	4	JUNCTION BOX		MOTION SWITCH	CONTROL		C130B	3/4	4 1		UNCTION BOX	UB & DISC	OPERATOR SGG-5 OPERATOR SGG-6	INDICATION POWER & GND	
60	/4	2 1.	\$	JUNCTION BOX		PULL-CORD-STOP	CONTROL				6		UNCTION BOX		JUNCTION BOX	INDICATION	
		2 1.		JUNCTION BOX		GUARD LIMIT SW	CONTROL		C130B1	3/4	۳ ۲		UNCTION BOX		OPERATOR SGG-6	INDICATION	
	/4	2	. 1	JUNCTION BOX	UNCTION POY	BELT LIMIT SW CONVEYOR DRIVE 2	CONTROL POWER & GND		C130C	3/4	4 1	2	UNCTION BOX	UB & DISC	OPERATOR SGG-7	POWER & GND	
7 .		4 1; 8 14	- 1	MCC-SG-2 MCC-SG-2	JUNCTION BOX	JUNCTION BOX	CONTROL & IND		C130C1	3/4	0 6		UNCTION BOX		JUNCTION BOX OPERATOR SGG-7	INDICATION	
74	/4	3 1		JUNCTION BOX		CONTROL STATION	CONTROL]	C130D	3/4	4 1		UNCTION BOX	UB & DISC	OPERATOR SGG-8	INDICATION POWER & GND	
78	14	3 14	. 1	JUNCTION BOX		MOTION SWITCH	CONTROL				6 j		UNCTION BOX		JUNCTION BOX	INDICATION	
- 1	/4	2 14		JUNCTION BOX		PULL-CORD-STOP	CONTROL		C130D1	3/4	- r	4	UNCTION BOX		OPERATOR SGG-8	INDICATION	
20	14-	2 14		JUNCTION BOX		GUARD LIMIT SW	CONTROL		C131	1-1/4	4 h		CC-SG-2		JUNCTION BOX	POWER & GND	
7E	14	1		JUNCTION BOX	EHH-HE-ISZ	BELT LIMIT SHIMP	CONTROL POWER & GND		C131A	3/4	24 A	1	CC-SG-2 UNCTION BOX		JUNCTION BOX	INDICATION	
<u>≚</u> †		12 14		HCC-SG-	CONCILION DOX	JUNCTION BOX	CONTROL	SPACE HEATER	UTJIA	1 1			UNCTION BOX	UB & DISC	OPERATOR SGG-9	POWER & GND INDICATION	
9A	#1	13014	rt	JUNCTION BUX MLL-56-T		LOCAL LOW-LOAD PANEL	CONTROL	SPACE HEATER	C131A1	3/4	6 h		UNCTION BOX		OPERATOR SGG-9	INDICATION	~~
9B 🏹	74	3 14	r V.	JUNCTION BUT LOCAL CHI		VIBRATION SWITCH	CONTROL	min	C1318	3/4	4 ji	1	UNCTION BOX	UB & DISC	OPERATOR SGG-10	POWER & GND	
0 1	4	4 10		MCC-SG-2	JUNCTION BOX	INFL BLOWER MOTOR 2	POWER & GND				6 h	1	UNCTION BOX		JUNCTION BOX	INDICATION	
				MCC-SG-2	~	JUNCTION BOX		SPACE HEATER	C131B1	3/4 (<u>6</u>		UNCTION BOX		OPERATOR SGG-10	INDICATION	
		14 30 14		JUNCTION BUX LOCAL CNTL		LOCAL LOW-LOAD PANEL VIBRATION SWITCH	CONTROL	24 ACTIVE & 45P.	C131C	3/4	4 1		UNCTION BOX	HB & DISC	OPERATOR SGG-11	POWER & GND	
	-1/2	3 1/		ICC-5G-1	~ /	GRIT BLOWER MOTOR 1	POWER	1999-1977 (1986)	C131C1	3/4	5 1		UNCTION BOX		JUNCTION BOX		ECORD DRAWINGS
	i	L 6	•	HCC-SG-1	1	GRIT BLOWER MOTOR 1	GND		C131D	3/4	4 1.		UNCTION BOX	UB & DISC	OPERATOR SGG-12	INDICATION THE POWER & GND origi	drawing reliects changes from the inal contract drawing that were mad- og construction and has been pippare informations provided to the Eigelne the construction contractor(s). The
	KA I A			MCC-SG-1		JUNCTION BOX	CONTROL	28 ACTIVE ZSP.		l	<u>s</u> 1	-	UNCTION BOX		JUNCTION BOX	INDICATION from	o construction and has been propare
	4			JUNCTION BOX	I	MOTOR	CONTROL	SP HEATBOUTEMP		3/4 6	- r		UNCTION BOX		OPERATOR SGG-12	INDICATION by	the construction contractor(s. If neer does not warrant this drawing i
	74 -1 74 3	13814		JUNCTION BOX		LOCAL LOW-LOAD PANEL	CONTROL	3G ACTIVE & Z SP.	C132	1-1/4	r i		CC-SG-2		TANK DRAINAGE PANEL	POWER & GND bep	omplete and accurate in all respects
1-	-1/2 3	3 114 3 11/		JUNCTION BOX MCC-SG-2	1	VIBRATION SWITCH GRIT BLOWER MOTOR 2	CONTROL >		C1 33		12 1		C-SG-2	1	TANK DRAINAGE PANEL	INDICATION	MALCOLM PIRNIE, INC
- '	1	5	1	100-56-2	1	GRIT BLOWER MOTOR 2	GND		10133	1 1	4 1. 18 1		CC-SG-1 CC-SG-1	}	JUNCTION BOX	POWER & GND	4/88 BV M649
44 (AID	30)14		1CC-5G-2		JUNCTION BOX	CONTROL	28 ACTIVE & Z SP.	C133A	3/4	ŧ 1.		JNCTION BOX	UB & DISC	LOCAL CONTROL PANEL 1A	INDICATION Date	4647
48 3	74 3	14		JUNCTION BOX	Į.	MOTOR	CONTROL	SP HEATBOYTEMP)		6	5 h		JNCTION BOX		JUNCTION BOX	INDICATION	•
		038-14		JUNCTION BOX		LOCAL LOW-LOAD PANEL		34 ACTIVE & Z SP	C133A1	1 1	5 - I.		JNCTION BOX	1	LOCAL CONTROL PANEL 1A	INDICATION	·
	4 3	3 14		JUNCTION BOX		VIBRATION SWITCH	CONTROL		C133A2	3/4 3	3 h:		CAL PANEL #1A		OPERATOR A	POWER	· · · ·
5 1	-1/2 3	ን ከ/	υ (P	100-56-1		GRIT BLOWER MOTOR 3	POWER		1	1 16	> ∏-	9 jL	DCAL PANEL #1A	1	OPERATOR A	CONTROL	LIMIT SW

- 1

 \hat{t}_{ik}

a 15

DR 83-6502

CONDUT		CABLE							CONE	TIUC	c/	BLE			1
NO.	SIZE	QTY.	SIZE	FROM	VIA	то	. PURPOSE	REMARKS	NO.	SIZE	OTY.	SIZE	FROM	VIA	
	<u>IN.</u>	L			•				C136A1	IN. 3/4	C		JUNCTION BOX		1.004
:133A3	3/4	3 6	12 14	LOCAL PANEL #1A		OPERATOR B	POWER	LIMIT SW	C136A2	3/4	3	14 12	LOCAL PANEL 4A		LOCA
1338	3/4	4	12	JUNCTION BOX	JB & DISC	LOCAL CONTROL PANEL 1B	POWER & GND		I OTSONE	5,1	6	14	LOCAL PANEL 4A		OPER
		6	14	JUNCTION BOX		JUNCTION BOX	IND		C136A3	3/4	3	12	LOCAL PANEL 4A		OPER
13381	3/4	6	14	JUNCTION BOX		LOCAL CONTROL PANEL 18	IND				6	14	LOCAL PANEL 4A		OPER
13382	3/4	3	12	LOCAL PANEL +18		OPERATOR A	POWER		C136B	3/4	4	12	JUNCTION BOX	UB & DISC	LOC/
1 2222	34	6	14	LOCAL PANEL +1B		OPERATOR A	CONTROL	LIMIT SW	C136B1	3/4	6 6	14	JUNCTION BOX		JUNC
13383	3/4	6	12 14	LOCAL PANEL +1B		OPERATOR B	CONTROL	LIMIT SW	C13682	-	3	12	LOCAL PANEL 48		OPER
1330	3/4	4	12	JUNCTION BOX	UB & DISC	LOCAL CONTROL PANEL 1C	POWER & GND				6	h4	LOCAL PANEL 48		OPER
	1	6	14	JUNCTION BOX		JUNCTION BOX	IND		C136B3	3/4	3	12	LOCAL PANEL 48		OPE
13301	3/4	6	14	JUNCTION BOX		LOCAL CONTROL PANEL 1C	IND 🔄				6	14	LOCAL PANEL 4B		OPER
13302	3/4	3	12	LOCAL PANEL +1C		OPERATOR A	POWER	LINIT CU	C136C	3/4	4	12	JUNCTION BOX	UB & DISC	LOC
13303	3/4	3	12	LOCAL PANEL +1C LOCAL PANEL +1C		OPERATOR A	CONTROL	LIMIT SW	C136C1	3/4	6 6	14	JUNCTION BOX		JUNC
13363		6	14	LOCAL PANEL #1C		OPERATOR B	CONTROL	LIMIT SW			3	12	LOCAL PANEL 4C		OPER
133D	3/4	6	14	LOCAL PANEL #1A		LOCAL PANEL 1B	CONTROL				6	14	LOCAL PANEL 4C		OPER
133E	3/4	12	n 4	LOCAL PANEL #18		LOCAL PANEL 1C	CONTROL		C136C3	3/4	з	15	LOCAL PANEL 4C		OPER
133F	1	18	14	LOCAL PANEL #10		CONTROL STA ASSEMBLY #1				ſ I	6 ·	þ 4	LOCAL PANEL 4C		OPER
134	1	4	12	MCC-SG-1		JUNCTION BOX	POWER & GND				6	14	LOCAL PANEL 4C		LOCA
 134A	3/4	18	14 12	MCC-SG-1 JUNCTION BOX	UB & DISC	JUNCTION BOX	INDICATION POWER & GND		C136E	3/4	12	14	LOCAL PANEL 4B		LOCA
1048	3/4	6	1	JUNCTION BOX		JUNCTION BOX	IND		11	3/4	\$5	12	MCC-SG-2 (LP-HW)		FLOW
13481	3/4	6	1 1	JUNCTION BOX		LOCAL CONTROL PANEL 2A	IND		11			-	MCC-SG-1		FLO
13442	1	3	12	LOCAL PANEL 2A		OPERATOR A	POWER		C139	3/4	3	в	MCC-SG-2 (LP-HW)		RECE
		6		LOCAL PANEL 2A		OPERATOR A	CONTROL	LIMIT SW	C140	1	3	4	MCC-SG-2		PP-S
13483	3/4	3	+ · · · ·	LOCAL PANEL 24		OPERATOR B	POWER	LINIT CU			1	8	MCC-SG-2		PP-5
1348	3/4	4		LOCAL PANEL 2A JUNCTION BOX	UB & DISC	OPERATOR B	CONTROL POWER & GND	LIMIT SW	C141	²	5 1	в 10	MCC-SG-1 MCC-SG-1		PP-H
	5	6	1 1	JUNCTION BOX	0 6 0130	JUNCTION BOX	IND		C142	3/4			MCC-SG-2		BLOW
134B1	3/4	6	14	JUNCTION BOX		LOCAL CONTROL PANEL 2B	IND		C143	1	-		MCC-SG-1		132
13482	3/4	3		LOCAL PANEL 28		OPERATOR A	POWER		C144	1	-	-	MCC-5G-1		SUB
17/00		6		LOCAL PANEL 2B	}	OPERATOR A	CONTROL	LIMIT SW	C145	2	-		MCC-SG-1		SMS-
13483	3/4	3 (LOCAL PANEL 2B LOCAL PANEL 2B		OPERATOR B	POWER CONTROL	LIMIT SW	C146 C146A	2	_		SMS-DIGM SMS-DIGM		SMS-
134C	3/4	4	12	JUNCTION BOX	UB & DISC	LOCAL CONTROL PANEL 2C	POWER & GND		C146B	2	_		SMS-HP		EHH
		6	F - 1	JUNCTION BOX		JUNCTION BOX	IND		C1460	2	-		SMS-HP		EHH
13401	3/4	6		JUNCTION BOX	[LOCAL CONTROL PANEL 20	IND	1	C147-1						
13402	3/4	3	12	LOCAL PANEL 2C		OPERATOR A	POWER	1	C147A	$ \rangle$					
13403	3/4	6	14	LOCAL PANEL 20		OPERATOR A	CONTROL	LIMITSW	1110				<u> </u>		
13403	3/4	з <u>(</u> 6	1	LOCAL PANEL 2B LOCAL PANEL 2B		OPERATOR 8 OPERATOR 8	POWER CONTROL	LIMIT SW	C148-1		X				
1340	3/4	6	, ,	LOCAL PANEL 20		LOCAL PANEL 2B	CONTROL			<u></u>	agen sar ≖æ≂ a tu	e e e e e e e e e e e e			
	La sur			LOCAL PANEL 28		LOCAL PANEL 24	CONTROL			1	·*** .				
134F	<u>þ</u>	18		LOCAL PANEL 2A		CONTROL STA ASSEMBLY #1			┨┠─────┤			-7.			
135	p	4		MCC-SG-2		JUNCTION BOX	POWER & GND				- 59 - I	- <u>1</u> 98 - 1	· fellerstage		
135A	3/4	18 4		MCC-SG-2 JUNCTION BOX	UB & DISC	JUNCTION BOX	IND POWER & GND			1 200	9-15	1	(517) 14-10 / 12 COMP1		
, JJK	1	4 6		JUNCTION BOX		JUNCTION BOX	IND	12		-	-)	و معدد الم	CL SYSTEM		
13541	3/4	6	1 1	JUNCTION BOX		LOCAL CONTROL PANEL 3A	IND			: "2CM	EE 4 (747)	Am COMP	OL",		
135A2	3/4	3	12	LOCAL PANEL 3A		OPERATOR A	POWER	}		1 T					3
		6		LOCAL PANEL 3A		OPERATOR A	CONTROL	LIMIT SW		1 4	2" (TROID	TACC-SG	1", (TO)		
13583	3/4			LOCAL PANEL 3A		OPERATOR B	POWER	LIMIT SW				(PURPOSE)	"INTERLOCK"		
1358	3/4	6 4	1 1	LOCAL PANEL 3A JUNCTION BOX	UB & DISC	LOCAL CONTROL PANEL 3B	POWER & GND	LTULL 2M					AELE) *4-10		
	[JUNCTION BOX		JUNCTION BOX	IND		┤╞────┤		6.2.28 (20	-BRECORD.	2 00000		
135B1	3/4	6		JUNCTION BOX		LOCAL CONTROL PANEL 3B	IND) =	BOOSTER T	ניייים אדריים דייא)) "CL, SYSTEN)) "CL, SYSTEN)) "STACE		1
13582	3/4	3		LOCAL PANEL 3B		OPERATOR A	POWER			100	NTS) "3	SLO, FS	E STACE	1	
	24	6	, ,	LOCAL PANEL 3B		OPERATOR A	CONTROL	LIMIT SW			•				
13583	5/4	3 6	t	LOCAL PANEL 3B		OPERATOR B	CONTROL	LIMIT SW	┨╞────┤	<u></u>		=			
1350	3/4	-		JUNCTION BOX	UB & DISC	LOCAL CONTROL PANEL 3C	POWER & GND	CIULI 3							1
		6		JUNCTION BOX		JUNCTION BOX	IND								
	3/4	6		JUNCTION BOX		LOCAL CONTROL PANEL 3C	IND								
13502	3/4		++	LOCAL PANEL 30		OPERATOR A	POWER		┨╞━━━━┥						
12542	24			OCAL PANEL 3C		OPERATOR A	CONTROL	LIMIT SW							
13503	3/4	3 () 6		LOCAL PANEL 3C LOCAL PANEL 3C		OPERATOR B	POWER	LIMIT SW						1	
1 35D	3/4	-		LUCAL PANEL 30 LOCAL PANEL 3A		LOCAL PANEL 3B	CONTROL	LINII SW							
	3/4	-		OCAL PANEL 38		LOCAL PANEL 30	CONTROL								
135F	1			OCAL PANEL 3C	1	CONTROL STA ASSEMBLY #2			. ·			+			1
136	p		1	100-56-2		JUNCTION BOX	POWER & GND		• ;		-			1	
	5.		1 1			JUNCTION BOX	IND								
368	3/4	4		JUNCTION BOX	DB & DISC	LOCAL CONTROL PANEL 4A	POWER & GND				1	1			
	3	J	<u>"</u>	VOIGTION BUA		TAQUALITING BOY		1	11 1		1		•	1	1

• •

. 3 . 3

ł

		₩.,	, 40
TO	PURPOSE	E	
ROL PANEL 4A	IND	-, <u>`</u> `	
e e e e e e e e e e e e e e e e e e e	POWER		Revisions
	CONTROL	LIMIT SW	. Bev
	CONTROL	LIMIT SW	
ROL PANEL 48	POWER & GND		\neg
OX ROL PANEL 4B	IND		
	POWER		a de la de l
	CONTROL	LIMIT SW	- 2
	POWER	LIMIT SW	1 -
ROL PANEL 4C	POWER & GND		
	IND		
ROL PANEL 4C	POWER		
	CONTROL	LIMIT SW	
	POWER	LINET OU	
. 48	CONTROL	LIMIT SW	H F
4.4.	CONTROL		-
ASSEMBLY #2		Line dulissing	
ITTER COMP. SAMP	SIGNAL	(120V (U)SPARE)	
AT ODOR PAD	POWER & GND	1200	
	POWER	AT SMS	7
	GND		
	GND		
RECEPTACLE	120V PWR & GN	D	
N COMP	FUT 1/0		
	FUT L/O		
	FUT - PC		
	FUT - PC		-
	FUT CHS		
•			
			- 1
			1
			1 1
	40		
		· ·	
	•		
	[RECORD DRAWING	s
		This drawing reflects changes from	the
		original contract drawing that were during construction and has been prej	nade
		from information provided to the Eng by the construction contractor(s).	neer The
	<u> </u>	Engineer does not warrant this drawl be complete and accurate in all respo	ho to l
] [MALCOLM PIRNIE,	1 1 1
		Date G/88 By MGra	
	l L	Unit	
	1) Sh
		-	

