



GRSP PP-2										
LOCATION: GREASE PROCESSING		NEMA: 4X		PH A WEIGHTED VA		2134				
VOLTS: 480		FEED: MTG. UDS		PH B WEIGHTED VA		2134				
PHASE & WIRE: 3PH 3W		BUS RATING: 250		PH C WEIGHTED VA		2134				
INTERRUPT: 65 KAIC		MAIN: CB		EQUIP SIZING VA		6402				
		MAIN RATING: MLO		PANEL AMPS		7.7				
I/C/F	DESCRIPTION	LOAD (VA)	BKR	CIR	Ø	CIR	BKR	LOAD (VA)	DESCRIPTION	I/C/F
I		567		1	A	2		433		I
I	GRSP OVERHEAD DOOR NO. 1	567	15A-3P	3	B	4	15A-3P	433	GRSP BRIDGE CRANE NO. 1	I
I		567		5	C	6		433		I
I		567		7	A	8		567		I
I	GRSP OVERHEAD DOOR NO. 2	567	15A-3P	9	B	10	15A-3P	567	GRSP OVERHEAD DOOR NO. 3	I
I		567		11	C	12		567		I
	SPARE		15A-3P	13	A	14			SPARE	
				15	B	16	15A-3P			
	SPARE		15A-3P	17	C	18			SPARE	
				19	A	20				
	SPARE		15A-3P	21	B	22	15A-3P		SPARE	
				23	C	24				
	SPARE		15A-3P	25	A	26			SPARE	
				27	B	28	15A-3P			
	SPARE		15A-3P	29	C	30			SPARE	
				31	A	32				
	SPARE		15A-3P	33	B	34	15A-3P		SPARE	
				35	C	36				
	WELDING RECEPTACLES		15A-3P	37	A	38	70A-3P		TRANSFORMER	
				39	B	40				
				41	C	42				

GRSP LP-2										
LOCATION: SHEL CONTROL ROOM		NEMA: 4X		PH A WEIGHTED VA		3846				
VOLTS: 480 / 277		FEED: MTG. UDS		PH B WEIGHTED VA		1735				
PHASE & WIRE: 3PH 4W		BUS RATING: 250		PH C WEIGHTED VA		1670				
INTERRUPT: 18 KAIC		MAIN: MLO		EQUIP SIZING VA		11538				
				PANEL AMPS		13.9				
I/C/F	DESCRIPTION	LOAD (VA)	BKR	CIR	Ø	CIR	BKR	LOAD (VA)	DESCRIPTION	I/C/F
C	GREASE PROCESSING BUILDING NIGHT LIGHTING	1672	20A-1P	1	A	2		1165		C
C	GREASE PROCESSING BUILDING ROOF LIGHTING	448	20A-1P	3	B	4	20A-3P	940	GRSP LC-2A (GRSP LIGHTING INTERIOR)	C
C	BOILER ROOM LIGHTING	372	20A-1P	5	C	6		964		C
C	MECHANICAL & MAINTENANCE ROOM LIGHTING	240	20A-1P	7	A	8	20A-1P		SPARE	
	SPARE		20A-1P	9	B	10	20A-1P		SPARE	
	SPARE		20A-1P	11	C	12	20A-1P		SPARE	
	SPARE		20A-1P	13	A	14	20A-1P		SPARE	
	SPARE		20A-1P	15	B	16	20A-1P		SPARE	
	SPARE		20A-1P	17	C	18	20A-1P		SPARE	
	SPARE		20A-1P	19	A	20	20A-1P		SPARE	
	SPARE		20A-1P	21	B	22	20A-1P		SPARE	
	SPARE		20A-1P	23	C	24	20A-1P		SPARE	
	SPARE		20A-1P	25	A	26	20A-1P		SPARE	
	SPARE		20A-1P	27	B	28	20A-1P		SPARE	
	SPARE		20A-1P	29	C	30	20A-1P		SPARE	
	SPARE		20A-1P	31	A	32	20A-1P		SPARE	
	SPARE		20A-1P	33	B	34	20A-1P		SPARE	
	SPARE		20A-1P	35	C	36	20A-1P		SPARE	
	SPARE		20A-1P	37	A	38	20A-1P		SPARE	
	SPARE		20A-1P	39	B	40	20A-1P		SPARE	
	SPARE		20A-1P	41	C	42	20A-1P		SPARE	

NOTES

⚡ DENOTES SHORTING TERMINAL BLOCK. ⏏ DENOTES NEMA 4 HOLE PATTERN PROVISIONS
 X DENOTES TEST SWITCH. ⏏ DENOTES FIELD WIRED TERMINAL BLOCK

480V WIRE COLORS: A--BROWN B--ORANGE C--YELLOW N--WHITE (AS NEEDED)
 208V WIRE COLORS: A--BLACK B--RED C--BLUE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	AS BUILT	10/27/17	J.C.

1505 WEST THIRD AVENUE
DENVER, COLORADO 80223

UNITIZED DISTRIBUTION SUBSTATION
 SWBD-480V/3P/3W

ONE LINE
 GRSP PP/LP-2

DRAWN	J.C.	6/30/16	SIZE	DWG NO.	REV
CHECK	R.S.	2/28/17	B	Y161150-01	1
APPD	J.C.	2/28/17	SCALE	N.T.S.	SHEET 2 OF 8