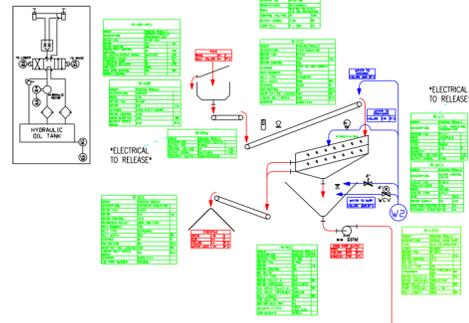


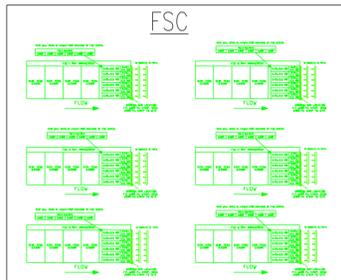
ITEM	QTY	PRODUCT	RATING (KW)
1	1	L45 FEED HOPPER	5.5
1.1	1	TIPPING GRID POWERPACK	7.5
2	1	16M RINSING MODULE FEED CONVEYOR	18.5
3	1	P2-10B RISING MODULE	-
3.1	1	-P2-10B RINSING SCREEN	22
3.2	1	-10/8-75KW PUMP C/W VFD	75
3.3	1	-SINGLE 9M OVERSIZE CONVEYOR	5.5
4	6	F1-64 FINE SCREEN	5
4.1	2	-B-SUMP C/W 8/6-55	55
5	2	EVO A-SCREEN C/W SHALLOW SUMP	16
6	1	EVO(A)50(2)150.55	71
7	1	M150B FINE SCREENS HORIZONTAL TRANSFER CONVEYOR	5.5
8	1	M150B EVO TRANSFER CONVEYOR	7.5
9	1	M156S STOCKPILE CONVEYOR	4
10	2	250/200-75KW WATER PUMP	75

HYDRAULIC TIPPING GRID SCHEMATIC

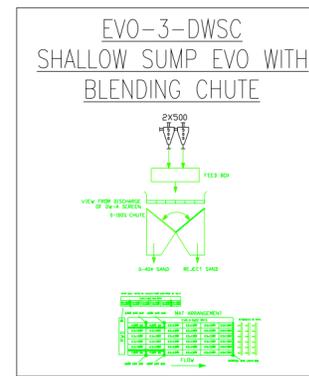
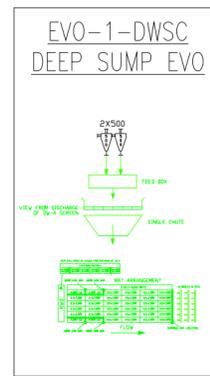
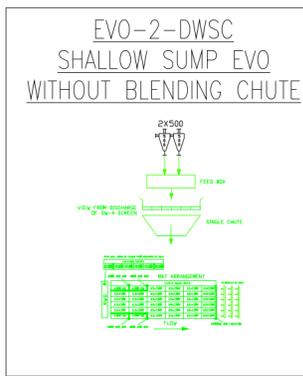


M-RSC

ITEM	QTY	PRODUCT	RATING (KW)
1	1	L45 FEED HOPPER	5.5
1.1	1	TIPPING GRID POWERPACK	7.5
2	1	16M RINSING MODULE FEED CONVEYOR	18.5
3	1	P2-10B RISING MODULE	-
3.1	1	-P2-10B RINSING SCREEN	22
3.2	1	-10/8-75KW PUMP C/W VFD	75
3.3	1	-SINGLE 9M OVERSIZE CONVEYOR	5.5
4	6	F1-64 FINE SCREEN	5
4.1	2	-B-SUMP C/W 8/6-55	55
5	2	EVO A-SCREEN C/W SHALLOW SUMP	16
6	1	EVO(A)50(2)150.55	71
7	1	M150B FINE SCREENS HORIZONTAL TRANSFER CONVEYOR	5.5
8	1	M150B EVO TRANSFER CONVEYOR	7.5
9	1	M156S STOCKPILE CONVEYOR	4
10	2	250/200-75KW WATER PUMP	75



ALL 6 FINE SCREENS HAVE IDENTICAL MEDIA LAYOUT



REV. NO.	REVISION NOTE	ELECTRICAL CHANGES	DATE	INITIALS
01	INITIAL RELEASE	Y	20-Mar-25	SW
02	MASS BALANCE COMPLETED. SCREENING MEDIA CONFIRMED. PUMP SPEEDS CONFIRMED. F1-64 STARTERS CHANGED TO VFD. ALL TECH ITEMS CONFIRMED & ADDED TO IFS.	Y	17-Apr-25	SW
03	EVO WASH WATER BALANCE UPDATED & 6" KNIFE ADDED TO DEEP SUMP TOP-UP.	N	28-Apr-25	SW
04	M4500 RINSING MODULE WATER SUPPLY UPDATED. MODULATING VALVE AND RADAR SENSOR ADDED. WATER PRESSURE SENSOR REMOVED FROM EVO WASH.	Y	01-May-25	SW
05	TIPPING GRID HYDRAULIC POWER PACK SCHEMATIC ADDED.	N	19-May-25	SW
06	ADDITIONAL ROW OF SPRAYBARS ADDED TO FINE SCREENS.	N	22-May-25	SW
07	FINE SCREEN SPRAYBARS REDUCED BACK TO 2 ROWS PER SCREEN.	N	4-Jun-25	SW

ELECTRICAL INFORMATION

SUPPLY VOLTAGE	460	V
SUPPLY FREQUENCY	60	Hz
TOTAL INSTALLED POWER	544	KW

CAPACITY DETAILS

MAX FEED RATE	300	STPH
REQUIRED WATER SUPPLY	1140	M ³
HOURLY REQUIRED TOP UP WATER	55	M ³
INSTANTANEOUS TOP-UP REQUIREMENT	APPROX. 70	M ³

RAW FEED GRADINGS

Particle Size (mesh)	Particle Size (mm)	% Passing	
		North Coarse	North Fine
4	4.76	100	100
8	2.38	100	100
16	1.19	100	99
20	0.85	99.3	91.4
25	0.71	97.2	82.2
30	0.6	91.1	69.9
35	0.5	81.4	55.2
40	0.425	71.1	44.7
45	0.355	58	34.7
50	0.3	43.2	25.5
60	0.25	28	17
70	0.212	17.5	11.4
100	0.15	7	4.5
140	0.106	2.4	1.2
200	0.074	0.6	0.3

NOTES:

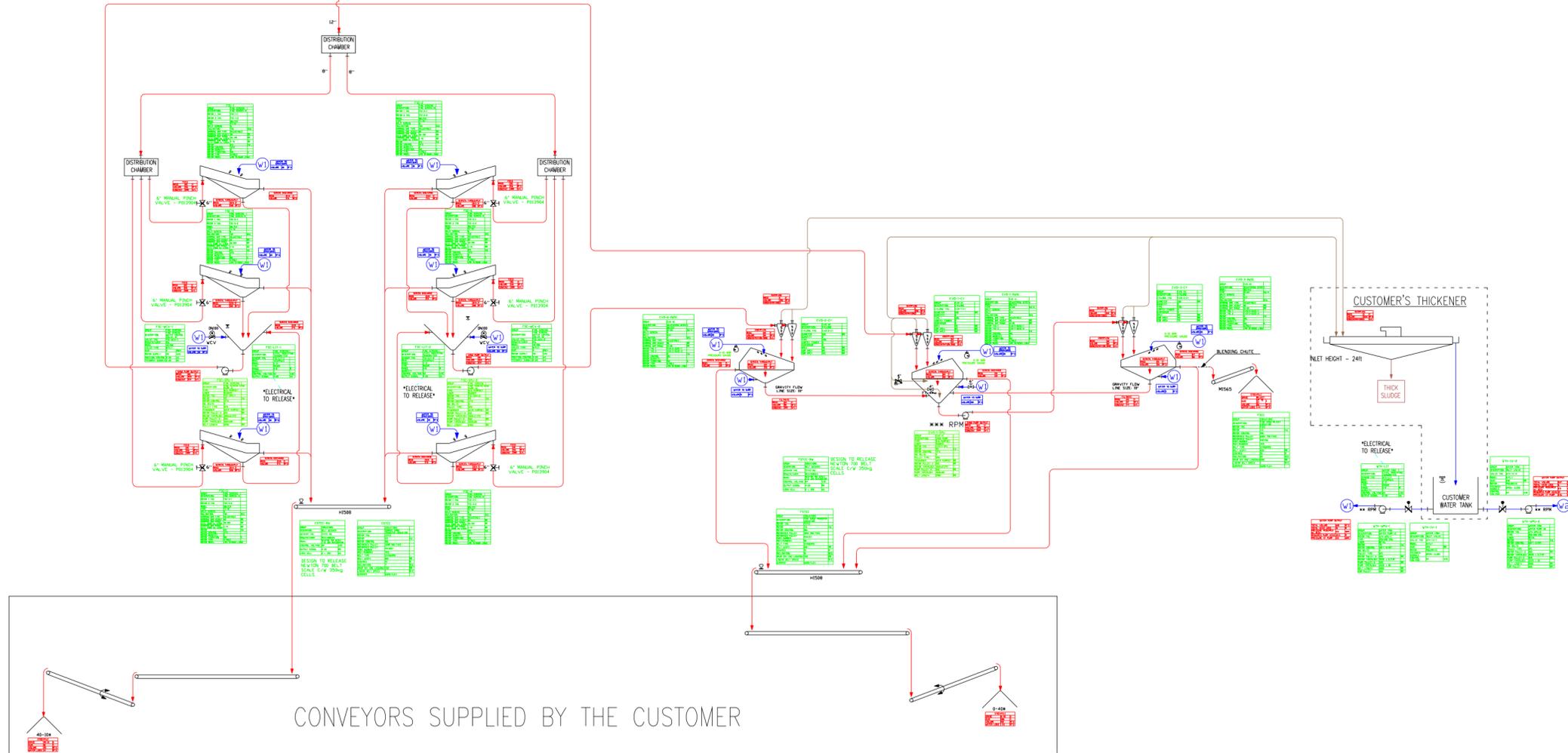
- PURPLE IS NOT CONFIRMED
 - YELLOW IS CONFIRMED BUT NOT RELEASED
 - GREEN IS TECHNICALLY RELEASED



PROJECT: IP195 TECHNICAL FLOW CLIENT: SILICA SERVICES

DRN BY: S.Wauchope DATE: 4-Jun-25 SCALE: N/A SHEET 1 OF 1
APP BY: CO DATE: 4-Jun-25 DRAWING No: IP195-TECH-07

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