

Conduit Type Color Code

●	MEDIUM VOLTAGE SHIELDED CABLES
●	LOW VOLTAGE 480VAC CABLES
●	LOW VOLTAGE 120/208VAC CABLES
●	DC CABLES
●	COMMUNICATION CABLES
●	FIBER OPTIC CABLES
SPARE	OPEN - SPARE (WHITE ON DRAWING)

Section	Conduit	Conduit Origin	Conduit Destination	Conduit Type	Conduit Size	Cable #	Cable Origin	Cable Destination
-	AG1	WIREWAY	BRY01	●	2	AKP5002	AKP01 (Serial Port)	BRY01 (351S-A)
						AKP5003	AKP01 (Serial Port)	BRY01 (351S-B)
						AKP5001	AKP01 (Serial Port)	BRY01 (RTAC)
						C3015001	C301 (CHILLER)	STK01 (BATTERY STACK)
						STK5001	CJC01	STK01 (BATTERY STACK)
						BRU5001	BRU01	CJC01
						CFG4801	CJC01	CFG01
-	AG2	WIREWAY	BRY01	●	1	CFG5001	CJC01	CFG01
						BAT4801	CJC01	BAT01
A	1	AKD01	PB01	●	4	AKD0001	AKD01	AKJ01
A	2	BRY01	PB01	●	4	CJC5001	CJC01	EXISTING COMM EQUIPMENT
A	3	AKD01	PB01	SPARE	4			
B	1	AKC01	AKD01	●	4	AKC0001	AKC01	AKD01
B	2	AKC01	AKD01	SPARE	4			
C	1	BCT01	AKC01	●	4	BCT0001	BCT01	AKC01
C	2	BCT01	AKC01	SPARE	4			
D	1	AKP01	BRY01	●	1	AKP5002	AKP01 (Serial Port)	BRY01 (351S-A)
						AKP5003	AKP01 (Serial Port)	BRY01 (351S-B)
						AKP5001	AKP01 (Serial Port)	BRY01 (RTAC)
D	2	AKP01	BRY01	●	1	AKP3010	AKP01 (Fusing Block)	BRY01 (351S-1 & 2)
						AKP3011	AKP01 (Fusing Block Ground)	BRY01 (Relay Ground)
						AKP3012	AKP01 (Fusing Block)	CJC01
D	3	AKP01	BRY01	●	2	AKP4801	AKP01 (651R)	CJC01
						AKP2001	BRY01 (351S-A)	AKP01 (651R)
						AKP2002	BRY01 (351S-B)	AKP01 (651R)
						AKP2003	BRY01 (351S-A)	AKP01 (651R)
						AKP2004	BRY01 (351S-B)	AKP01 (651R)
F	1	BAT01	BRY01	●	2	BAT3002	BAT01 (CT 4,5,6)	BRY01 (FTB-A2)
						BAT3003	BAT01 (CT 7,8,9)	BRY01 (FTB-B2)
						BAT3005	BAT01 (PT 4,5,6)	BRY01 (FTB-A2)
						BCT3001	BCT01	CJC01
F	2	BAT01	BRY01	●	1	BAT1110	BRS01 (CB:20A)	BAT01 (Heaters)
						BRS1131	BRS01	BCT01
						BRS1127	BRS01 (CB:20A)	BCT01
F	3	BAT01	BRY01	●	1	BAT4801	CJC01	BAT01
F	4	CFG01	BRY01	●	1	CFG4801	CJC01	CFG01
F	5	CFG01	BRY01	●	1	CFG5001	CJC01	CFG01
F	6	BAT01	BCT01	●	1	BCT3001	BCT01	CJC01
F	7	BAT01	BCT01	●	1	BRS1127	BRS01 (CB:20A)	BCT01
G	1	BAT01	BCT01	●	4	BAT0001	BAT01	BCT01
G	2	BAT01	BCT01	SPARE	4			
H	1	BBT01	BRY01	●	4	BBT1005	BBT01 (GND)	BRM01 (GND)
						BBT1004	BBT01 (X0)	BRM01 (N)
						BBT1001	BBT01 (X1)	BRM01 (L1)
						BBT1002	BBT01 (X2)	BRM01 (L2)
						BBT1003	BBT01 (X3)	BRM01 (L3)
H	2	BBT01	BRY01	●	4	BBT1006	BBT01 (X0)	BRM01 (N)
						BBT1007	BBT01 (X1)	BRM01 (L1)
						BBT1008	BBT01 (X2)	BRM01 (L2)
						BBT1009	BBT01 (X3)	BRM01 (L3)
						BBT1010	BBT01 (GND)	BRM01 (GND)

MAN17077 - SIEMENS VIONIX SHIRLEY
BATTERY STORAGE
CONDUIT SCHEDULE

Section	Conduit	Conduit Origin	Conduit Destination	Conduit Type	Conduit Size	Cable #	Cable Origin	Cable Destination
H	3	BBT01	BRY01	●	2	BBT1110	BRS01 (CB:20A)	BBT01 (Heaters)
						BAT1110	BRS01 (CB:20A)	BAT01 (Heaters)
						BRS1127	BRS01 (CB:20A)	BCT01
H	4	BBT01	BRY01	●	2	BBT4801	BBT01	CJC01
						BRU2001	BRY01 (351S-1)	BRU01 (SHUNT TRIP)
						BRU4801	BRU01	CJC01
						STK4801	STK01	CJC01
J	1	BAT01	BBT01	●	4	BBT0001	BAT01	BBT01
	2	BAT01	BBT01	SPARE	4			
K	1	DCS02	BRU01	●	4	BRU1000	DSC02 (POLE 1 L+)	BRU01 (L+)
						BRU1001	DSC02 (POLE 1 L+)	BRU01 (L+)
						BRU1002	DSC02 (POLE 1 L+)	BRU01 (L+)
K	2	DCS02	BRU01	●	4	BRU1003	DSC02 (POLE 2 L-)	BRU01 (L-)
						BRU1004	DSC02 (POLE 2 L-)	BRU01 (L-)
						BRU1005	DSC02 (POLE 2 L-)	BRU01 (L-)
K	3	DCS02	BRU01	●	4	BRU1006	DSC02 (POLE 3 L+)	BRU01 (L+)
						BRU1007	DSC02 (POLE 3 L+)	BRU01 (L+)
						BRU1008	DSC02 (POLE 3 L+)	BRU01 (L+)
K	4	DCS02	BRU01	●	4	BRU1009	DSC02 (POLE 4 L-)	BRU01 (L-)
						BRU1010	DSC02 (POLE 4 L-)	BRU01 (L-)
						BRU1011	DSC02 (POLE 4 L-)	BRU01 (L-)
K	5	STK01	BRU01	●	1	STK4801	STK01	CJC01
						STK4802	STK01	CJC01
						DCS4801	DCS02	CJC01
K	6	BRY01	STK01	●	4	BRM1015	BRM01	STK01 (BATTERY STACK)
K	7	BRY01	STK01	●	1	STK5001	CJC01	STK01 (BATTERY STACK)
L	1	BRY01	H301	●	2	BRM1011	BRM01 (CB:60A)	H302 (BATT. HEAT. #2)
						BRM1016	BRM01	H301 (BATT. HEAT. #1)
						BRM1012	BRM01 (CB:60A)	H301 (BATT. HEAT. #1)
L	2	BRY01	H301	●	2	BRM1013	BRM01 (CB:125A)	C301 (CHILLER)
L	3	BRY01	C301	●	1	C3015001	C301 (CHILLER)	STK01 (BATTERY STACK)
M	1	BRU01	BRY01	●	2	BRU2001	BRY01 (351S-1)	BRU01 (SHUNT TRIP)
						BRU4801	BRU01	CJC01
						STK4801	STK01	CJC01
						DCS4801	DCS02	CJC01
M	2	BRU01	BRY01	●	2	BRU1012	UPS BACKED INVERTER INPUT	BRU01 (INVERTER)
						BRM1014	BRM01 (CB:40A)	BRU01 (INVERTER)
M	3	BRU01	BRY01	●	1	BRU5001	BRU01	CJC01
N	1	PB01	PB02	●	4	AKD0001	AKD01	AKJ01
N	2	PB01	PB02	●	4	CJC5001	CJC01	EXISTING COMM EQUIPMENT
N	3	PB01	PB02	SPARE	4			
P	1	PB02	AKJ01	●	4	AKD0001	AKD01	AKJ01
P	2	PB02	TBD	●	4	CJC5001	CJC01	EXISTING COMM EQUIPMENT
P	3	PB02	AKJ01	SPARE	4			
R	1	H301	H302	●	2	BRM1012	BRM01 (CB:60A)	H302 (BATT. HEAT. #2)
R	2	H301	H302	●	1	H3025001	H301 (BATT. HEAT. #1)	H302 (BATT. HEAT. #2)
S	1	C301	H301	●	1	C3015001	C301 (CHILLER)	STK01 (BATTERY STACK)
						H3015001	C301 (CHILLER)	H301 (BATT. HEAT. #1)

NOTE: ELECTRICAL ENCLOSURE (+BRY01) CONTAINS SIEMENS CONTROL CABINET (+CJC01), 480 VAC PANELBOARD (+BRM01), 480-208/120VAC TRANSFORMER +BRT01, AND 208/120VAC PANELBOARD (+BRS01).

MAN17077 - SIEMENS VIONIX SHIRLEY
BATTERY STORAGE
CONDUIT SCHEDULE

Date	Prepared Initials	REV #	Description	1 st Approver: Initials & Date	2 nd Approver: Initials & Date
11/1/2017	LLO	0	Issue for review – 90%		
12/7/2017	LLO	1	UPDATE PER NG COMMENT		
12/13/2017	LLO	2	UPDATE PER DESIGN		
1/10/2018	LLO	3	CABLE CORRECTION		

NOT ISSUED FOR CONSTRUCTION. FINAL QA/QC TO BE PERFORMER PRIOR TO APPLYING SEAL.