

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	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)

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	LLQ	0	Issue for review – 90%		
12/7/2017	LLQ	1	UPDATE PER NG COMMENT		
12/13/2017	LLQ	2	UPDATE PER DESIGN		
1/10/2018	LLQ	3	CABLE CORRECTION		

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