 TORUS	· Owner CABLE SCHEDULE			Document No.	ELE-LST-001
				Revision / Date	A · September 29, 2026
				Issue purpose	Issued for Review
ELECTRICAL · CABLE SCHEDULE					
Rev.	Date	Revision description	Prepared	Reviewed	Approved
A	2026-09-29	Issued for Review			

NOTES

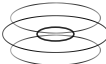
1. This schedule lists every power, 24 VDC and electrical control cable, and the coaxial antenna runs whose raceway is in the electrical scope. Instrument signal, network and fiber cables are in the instrumentation scope (Volume 7) and share the same trenches.
2. Lengths follow the underground routing on ELE-DWG-003, plus 6 ft per riser, 3 ft per termination and 5 % slack, rounded up to 5 ft.
3. Conductor sizes, breakers and voltage drop are calculated in ELE-CAL-004, Cable Sizing, Short Circuit and Arc-Flash Assessment.
4. Raceway numbers RW-001 onward are the underground conduits on ELE-DWG-003. Cables share a conduit only where 40 % fill and the NFPA 70 310.15(C)(1) adjustment factor allow.
5. TC-ER cable is 600 V, copper, XHHW-2 insulated conductors with an insulated green equipment grounding conductor, PVC jacket, sunlight resistant and rated for direct burial, as NFPA 70 501.10(B) permits in Class I, Division 2 locations. Feeders are single-conductor XHHW-2 copper, 600 V.
6. In Class I, Division 2 locations, cables terminate through explosionproof barrier glands, and each conduit rising into the location has a sealing fitting within 10 ft of the boundary (NFPA 70 501.15(B)(2)).
7. The schedule contains 75 cables: 10 feeders, 59 branch circuits and 6 control and coaxial cables. The material take-off adds 10 % to the scheduled lengths for waste and final routing.

CABLE SCHEDULE

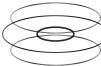
Table 1-1: Cable Schedule

Cable	From	To	Type	Conductors and size	Length, ft	Raceway	Route	Protection	Notes
P-001	XF-101 (utility secondary)	MCB-101	Feeder, 1/C XHHW-2 Cu 600 V	4-1/C #1/0 XHHW-2 + 1-1/C #6 G	55	RW-030, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	east trench	125 A	
P-002	MCB-101	ATS-101 (normal)	Feeder, 1/C XHHW-2 Cu 600 V	4-1/C #1/0 XHHW-2 + 1-1/C #6 G	45	1-1/2 in EMT (B-102)	B-102 east wall penetration, inside B-102	125 A	
P-003	G-101 (generator breaker)	ATS-101 (emergency)	Feeder, 1/C XHHW-2 Cu 600 V	4-1/C #1/0 XHHW-2 + 1-1/C #6 G	50	RW-014, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	west trench to G-101	110 A	
P-004	ATS-101	DP-101	Feeder, 1/C XHHW-2 Cu 600 V	4-1/C #1/0 XHHW-2 + 1-1/C #6 G	20	1-1/2 in EMT (B-102)	Inside B-102	125 A	
P-005	DP-101	XF-102 primary	Feeder, 1/C XHHW-2 Cu 600 V	3-1/C #10 XHHW-2 + 1-1/C #10 G	25	3/4 in EMT (B-102)	Inside B-102	25 A	
P-006	XF-102 secondary	LP-101 main	Feeder, 1/C XHHW-2 Cu 600 V	4-1/C #6 XHHW-2 + 1-1/C #10 G	20	1 in EMT (B-102)	Inside B-102	60 A	
P-007	UPS-101 output	UP-101 main	Feeder, 1/C XHHW-2 Cu 600 V	2-1/C #10 XHHW-2 + 1-1/C #12 G	25	3/4 in EMT (B-102)	Inside B-102	20 A	
D-001	BC-101A	DCP-101 (charger A breaker)	Feeder, 1/C XHHW-2 Cu 600 V	2-1/C #1/0 XHHW-2 + 1-1/C #8 G	25	1-1/4 in EMT / battery rack cable (B-102)	Inside B-102	70 A	
D-002	BC-101B	DCP-101 (charger B breaker)	Feeder, 1/C XHHW-2 Cu 600 V	2-1/C #1 XHHW-2 + 1-1/C #8 G	20	1-1/4 in EMT / battery rack cable (B-102)	Inside B-102	70 A	
D-003	BT-101	DCP-101 (battery disconnect)	Feeder, 1/C XHHW-2 Cu 600 V	2-1/C #1/0 XHHW-2 + 1-1/C #8 G	30	1-1/4 in EMT / battery rack cable (B-102)	Inside B-102	100 A	
P-101	DP-101	SDV-101	Power, TC-ER Cu 600 V	3/C #12 + #12 G	205	RW-022, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to SDV-101	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-102	DP-101	SDV-102	Power, TC-ER Cu 600 V	3/C #12 + #12 G	130	RW-023, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); branch to SDV-102	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-103	DP-101	SDV-103	Power, TC-ER Cu 600 V	3/C #12 + #12 G	115	RW-024, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); branch to SDV-103	15 A 3P	Load end Div 2; seal at riser, barrier gland

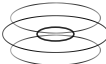


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Cable	From	To	Type	Conductors and size	Length, ft	Raceway	Route	Protection	Notes
P-104	DP-101	MOV-111	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-026, 2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 (MOVs)	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-105	DP-101	MOV-112	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-026, 2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 (MOVs)	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-106	DP-101	MOV-121	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-026, 2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 (MOVs)	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-107	DP-101	MOV-122	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-026, 2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 (MOVs)	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-108	DP-101	MOV-115	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-026, 2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 (MOVs)	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-109	DP-101	FCV-131	Power, TC-ER Cu 600 V	3/C #12 + #12 G	160	RW-008, 1 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); branch to FCV-131/132	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-110	DP-101	FCV-132	Power, TC-ER Cu 600 V	3/C #12 + #12 G	160	RW-008, 1 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); branch to FCV-131/132	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-111	DP-101	UH-101	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-003, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-112	DP-101	EF-101A	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-003, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-113	DP-101	EF-101B	Power, TC-ER Cu 600 V	3/C #12 + #12 G	235	RW-003, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	15 A 3P	Load end Div 2; seal at riser, barrier gland
P-114	DP-101	AC-102A	Power, TC-ER Cu 600 V	3/C #12 + #12 G	50	3/4 in EMT (B-102)	Inside B-102	15 A 3P	
P-115	DP-101	AC-102B	Power, TC-ER Cu 600 V	3/C #12 + #12 G	30	3/4 in EMT (B-102)	Inside B-102	15 A 3P	
P-116	DP-101	GO-101A	Power, TC-ER Cu 600 V	3/C #12 + #12 G	100	RW-016, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	east trench	15 A 3P	Load end Unclassified
P-117	DP-101	GO-101B	Power, TC-ER Cu 600 V	3/C #12 + #12 G	130	RW-015, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	east trench; east trench (encased under road R-1, R-2)	15 A 3P	Load end Unclassified
P-118	DP-101	RCP-101	Power, TC-ER Cu 600 V	3/C #10 + #10 G	225	RW-027, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 east (JB-110D, RCP-101)	30 A 3P	Load end Div 2; seal at riser, barrier gland
P-119	DP-101	HCP-161	Power, TC-ER Cu 600 V	3/C #12 + #12 G	25	3/4 in EMT (B-102)	Inside B-102	15 A 3P	Load end Div 2; seal at riser, barrier gland; E-161 5 kW
P-120	LC-101 / DP-101	LP-P1, LP-P2, LP-P7, B-102 D1, B-102 D2, G-101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	420	RW-019, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); south trench (Y 30.5); south trench (Y 30.5); branch to LP-P1	15 A 1P	
P-121	LC-101 / DP-101	LP-P3, LP-P4, SK-110 canopy	Power, TC-ER Cu 600 V	2/C #12 + #12 G	390	RW-020, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); north trench (Y 83); branch to LP-P3	15 A 1P	
P-122	LC-101 / DP-101	LP-P5, LP-P6, LP-P8, B-101 door	Power, TC-ER Cu 600 V	2/C #12 + #12 G	420	RW-021, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); spine (X 224); spine (X 224); north trench (Y 83); branch to LP-P8	15 A 1P	
P-123	HCP-161	E-161	Power, TC-ER Cu 600 V	3/C #12 + #12 G	190	RW-009, 1 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to FG-101	15 A 3P	Load end Div 2; seal at riser, barrier gland; E-161 5 kW
P-201	LP-101	BC-101A	Power, TC-ER Cu 600 V	2/C #12 + #12 G	35	3/4 in EMT (B-102)	Inside B-102	15 A 2P	
P-202	LP-101	BC-101B	Power, TC-ER Cu 600 V	2/C #12 + #12 G	40	3/4 in EMT (B-102)	Inside B-102	15 A 2P	
P-203	LP-101	UPS-101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	30	3/4 in EMT (B-102)	Inside B-102	20 A 1P	



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P-204	LP-101	AC-101	Power, TC-ER Cu 600 V	2/C #10 + #10 G	235	RW-003, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 2P	Load end Div 2; seal at riser, barrier gland
P-205	LP-101	LTG-B102	Power, TC-ER Cu 600 V	2/C #12 + #12 G	25	3/4 in EMT (B-102)	Inside B-102	20 A 1P	
P-206	LP-101	LTG-B101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-004, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-207	LP-101	REC-B102-1	Power, TC-ER Cu 600 V	2/C #12 + #12 G	25	3/4 in EMT (B-102)	Inside B-102	20 A 1P	
P-208	LP-101	REC-B102-2	Power, TC-ER Cu 600 V	2/C #12 + #12 G	25	3/4 in EMT (B-102)	Inside B-102	20 A 1P	
P-209	LP-101	REC-B101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-004, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-210	LP-101	REC-EXT-1	Power, TC-ER Cu 600 V	2/C #12 + #12 G	230	RW-027, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 east (JB-110D, RCP-101)	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-211	LP-101	REC-EXT-2	Power, TC-ER Cu 600 V	2/C #12 + #12 G	210	RW-029, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5)	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-212	LP-101	REC-EXT-3	Power, TC-ER Cu 600 V	2/C #12 + #12 G	185	RW-007, 1 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); spine (X 224); branch to CP-150 (H-101 east end)	20 A 1P	Load end Unclassified
P-213	LP-101	AE-141H	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-004, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-214	LP-101	SCS-141	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-004, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-215	LP-101	HT-1080	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-005, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-216	LP-101	HT-1139	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-005, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-217	LP-101	AHT-142/143	Power, TC-ER Cu 600 V	2/C #12 + #12 G	235	RW-005, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	20 A 1P	Load end Div 2; seal at riser, barrier gland
P-218	LP-101	CP-150	Power, TC-ER Cu 600 V	2/C #12 + #12 G	185	RW-007, 1 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); spine (X 224); branch to CP-150 (H-101 east end)	20 A 1P	Load end Unclassified
P-219	LP-101	SDV-165	Power, TC-ER Cu 600 V	2/C #12 + #12 G	190	RW-009, 1 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to FG-101	15 A 1P	Load end Div 2; seal at riser, barrier gland
P-220	LP-101	G-101BH	Power, TC-ER Cu 600 V	2/C #12 + #12 G	60	RW-012, 1 in PVC Sch 40 underground, PVC-coated RMC risers	west trench to G-101	20 A 1P	Load end Unclassified
P-221	LP-101	G-101BC	Power, TC-ER Cu 600 V	2/C #12 + #12 G	60	RW-012, 1 in PVC Sch 40 underground, PVC-coated RMC risers	west trench to G-101	20 A 1P	Load end Unclassified
P-222	LP-101	RECT-101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	20	3/4 in EMT (B-102)	Inside B-102	20 A 1P	
P-301	UP-101	HMI-101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	30	3/4 in EMT (B-102)	Inside B-102	10 A 1P	
P-302	UP-101	NVR-101	Power, TC-ER Cu 600 V	2/C #12 + #12 G	40	3/4 in EMT (B-102)	Inside B-102	10 A 1P	
P-303	UP-101	JB-W01	Power, TC-ER Cu 600 V	2/C #12 + #12 G	270	RW-017, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); spine (X 224); branch to JB-W01	10 A 1P	Load end Unclassified
P-304	UP-101	LCV-104	Power, TC-ER Cu 600 V	2/C #12 + #12 G	205	RW-018, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to LCV-104	10 A 1P	Load end Div 2; seal at riser, barrier gland



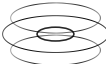
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P-305	UP-101	SDV-106	Power, TC-ER Cu 600 V	2/C #12 + #12 G	195	RW-025, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to SDV-106	10 A 1P	Load end Div 2; seal at riser, barrier gland
P-306	UP-101	ANT-201	Power, TC-ER Cu 600 V	2/C #12 + #12 G	135	RW-001, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to ANT-201 mast base	10 A 1P	Load end Unclassified
D-101	DCP-101	CP-102A	24 VDC power, TC-ER Cu 600 V	2/C #12 + #12 G	35	3/4 in EMT (B-102)	Inside B-102	6 A DC	
D-102	DCP-101	CP-102B	24 VDC power, TC-ER Cu 600 V	2/C #10 + #10 G	30	3/4 in EMT (B-102)	Inside B-102	12 A DC	
D-103	DCP-101	CP-102C	24 VDC power, TC-ER Cu 600 V	2/C #12 + #12 G	30	3/4 in EMT (B-102)	Inside B-102	6 A DC	
D-104	DCP-101	TR-102	24 VDC power, TC-ER Cu 600 V	2/C #12 + #12 G	25	3/4 in EMT (B-102)	Inside B-102	6 A DC	
D-105	DCP-101	WDP-101	24 VDC power, TC-ER Cu 600 V	2/C #12 + #12 G	40	3/4 in EMT (B-102)	Inside B-102	6 A DC	
D-106	DCP-101	JB-140D	24 VDC power, TC-ER Cu 600 V	2/C #4 + #4 G	235	RW-006, 1-1/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); branch to B-101 west wall	6 A DC	Load end Div 2; seal at riser, barrier gland
D-107	DCP-101	JB-110D	24 VDC power, TC-ER Cu 600 V	2/C #10 + #10 G	230	RW-028, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; crossing at X 205 (encased under road R-1); north trench (Y 83); north trench (Y 83) (encased under road R-6); north trench (Y 83); branch to SK-110 east (JB-110D, RCP-101)	6 A DC	Load end Div 2; seal at riser, barrier gland
D-108	DCP-101	FT-163	24 VDC power, TC-ER Cu 600 V	2/C #12 + #12 G	190	RW-011, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to FG-101	6 A DC	Load end Div 2; seal at riser, barrier gland
C-001	ATS-101	G-101	Control, TC-ER 600 V	12/C #14	50	RW-013, 1 in PVC Sch 40 underground, PVC-coated RMC risers	west trench to G-101	-	
C-002	LC-101	Photocell PC-101 (B-102 roof, north face)	Control, TC-ER 600 V	3/C #14	40	3/4 in EMT (B-102)	Inside B-102	-	
C-003	HCP-161	E-161 terminal box	Control, TC-ER 600 V	7/C #14	190	RW-010, 3/4 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to FG-101	-	
C-004	ATS-101	CP-102A (RTU)	Control, TC-ER 600 V	7/C #14	35	3/4 in EMT (B-102)	Inside B-102	-	
C-005	TR-102	ANT-201 mast base	Control, TC-ER 600 V	1/2 in foam coax 50 ohm (by INS)	115	RW-002, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to ANT-201 mast base	-	
C-006	TR-102	ANT-201 mast base	Control, TC-ER 600 V	1/2 in foam coax 50 ohm (by INS)	115	RW-002, 1-1/2 in PVC Sch 40 underground, PVC-coated RMC risers	B-102 north exit; south trench (Y 30.5); branch to ANT-201 mast base	-	

TOTALS BY CABLE TYPE

Table 1-2: Scheduled Length by Cable Type and Size

Type	Conductors and size	Total length, ft
24 VDC power	2/C #10 + #10 G	260
24 VDC power	2/C #12 + #12 G	320
24 VDC power	2/C #4 + #4 G	235
Control	1/2 in foam coax 50 ohm (by INS)	230
Control	12/C #14	50
Control	3/C #14	40
Control	7/C #14	225
Feeder	2-1/C #1 XHHW-2 + 1-1/C #8 G	20



 TORUS	· Owner CABLE SCHEDULE	Document No.	ELE-LST-001
		Revision / Date	A · September 29, 2026
		Issue purpose	Issued for Review
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Type	Conductors and size		Total length, ft
Feeder	2-1/C #1/0 XHHW-2 + 1-1/C #8 G		55
Feeder	2-1/C #10 XHHW-2 + 1-1/C #12 G		25
Feeder	3-1/C #10 XHHW-2 + 1-1/C #10 G		25
Feeder	4-1/C #1/0 XHHW-2 + 1-1/C #6 G		170
Feeder	4-1/C #6 XHHW-2 + 1-1/C #10 G		20
Power	2/C #10 + #10 G		235
Power	2/C #12 + #12 G		5070
Power	3/C #10 + #10 G		225
Power	3/C #12 + #12 G		3175

Note 1: Scheduled lengths, without the take-off allowance.