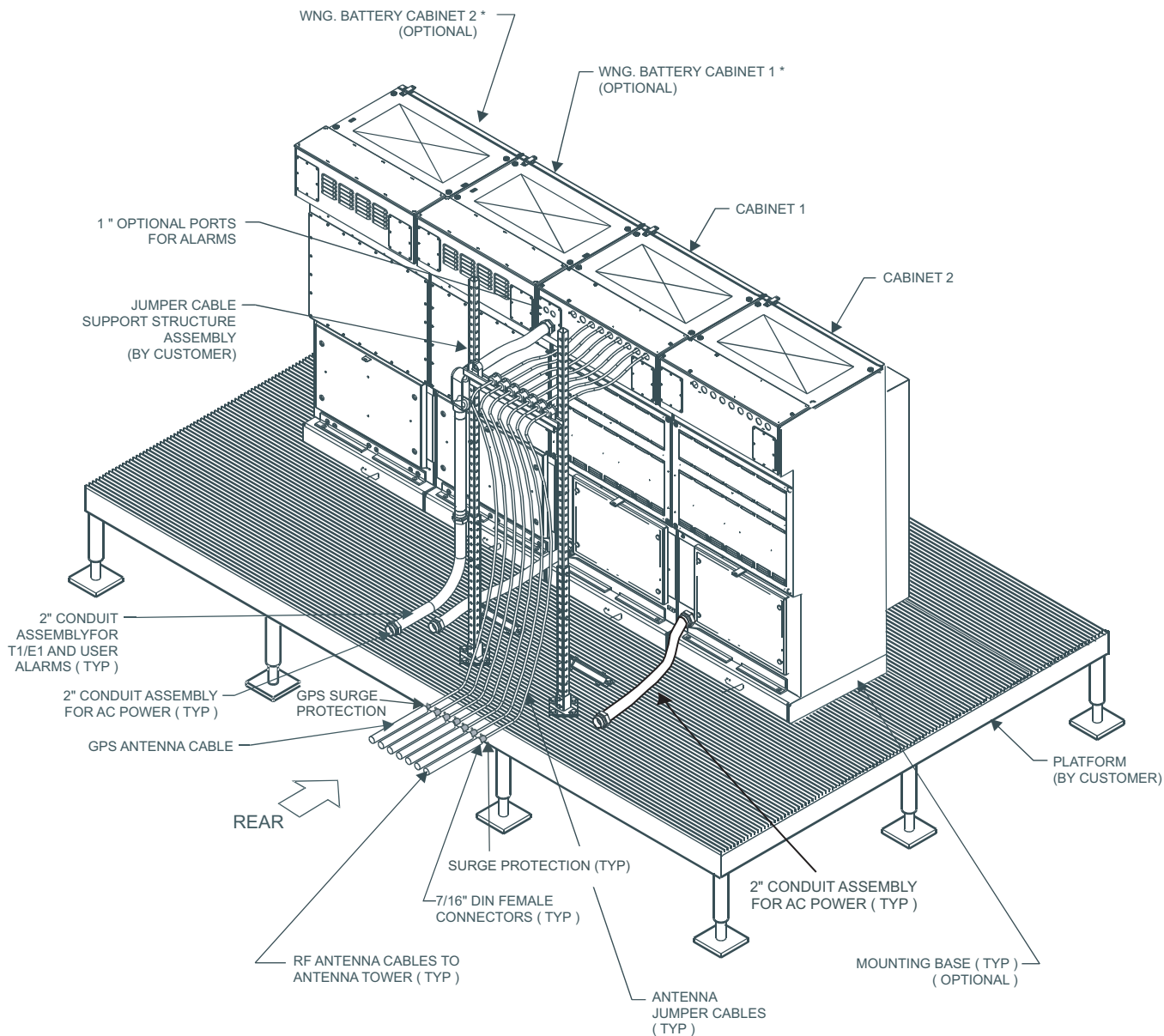


- EZBFo #1 - EZBFo - #2 or EZBFo #2 - EZBFo - #1 - Primary 4.0B - Dual Band 4.0B - EZBFo #1 - EZBFo - #2

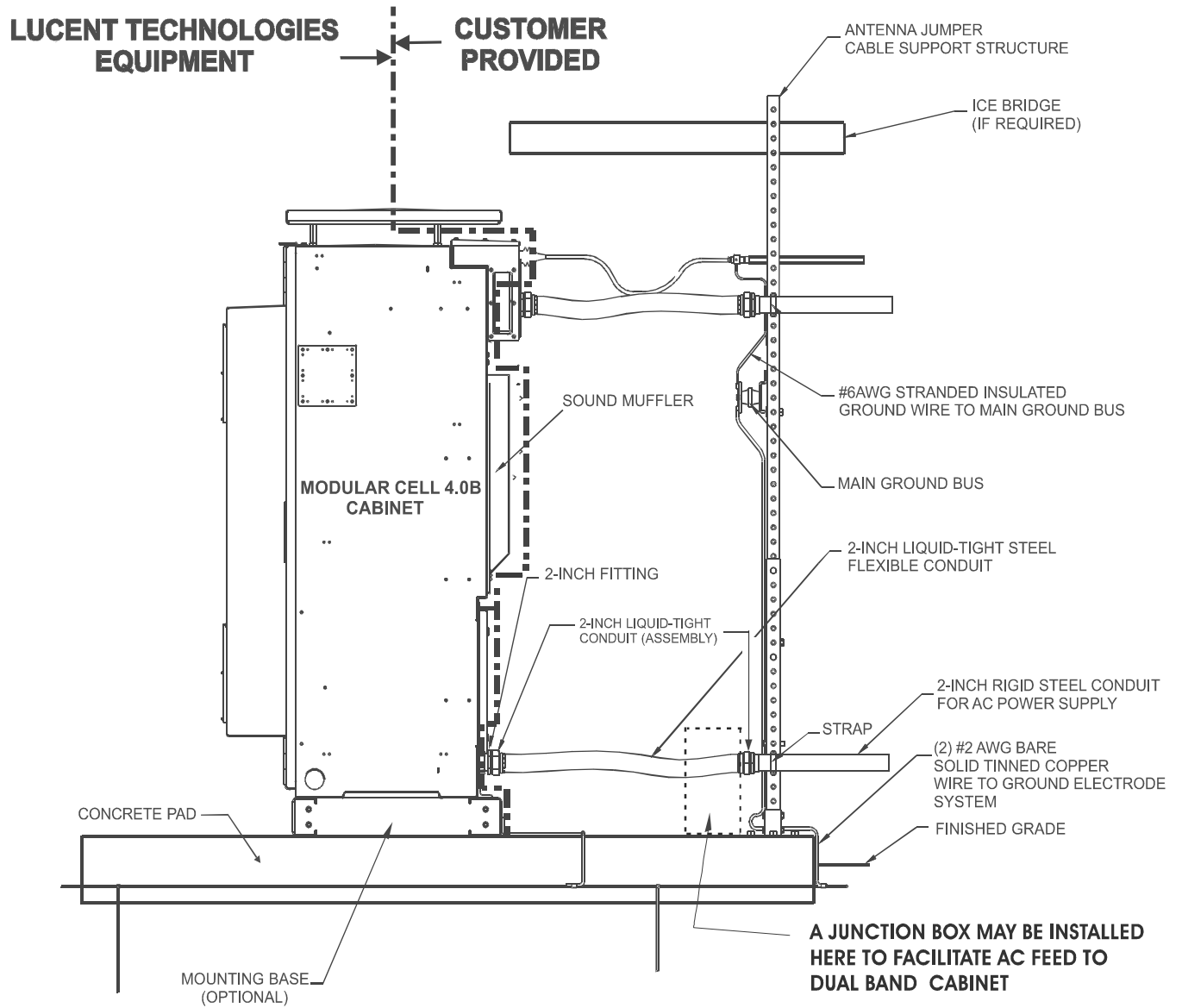


Modular Cell 4.0B cabinet side view 1

Illustrated below is an outdoor site with antenna and T1/E1 routing at the top rear of the cabinet. The figure shows a side view of the Modular Cell 4.0B cabinet with a sound muffler and front heat exchanger. Note

the fact that a junction box may be installed, where noted, to facilitate routing of AC to a second cabinet.

SIDE VIEW 1 (4.0B)



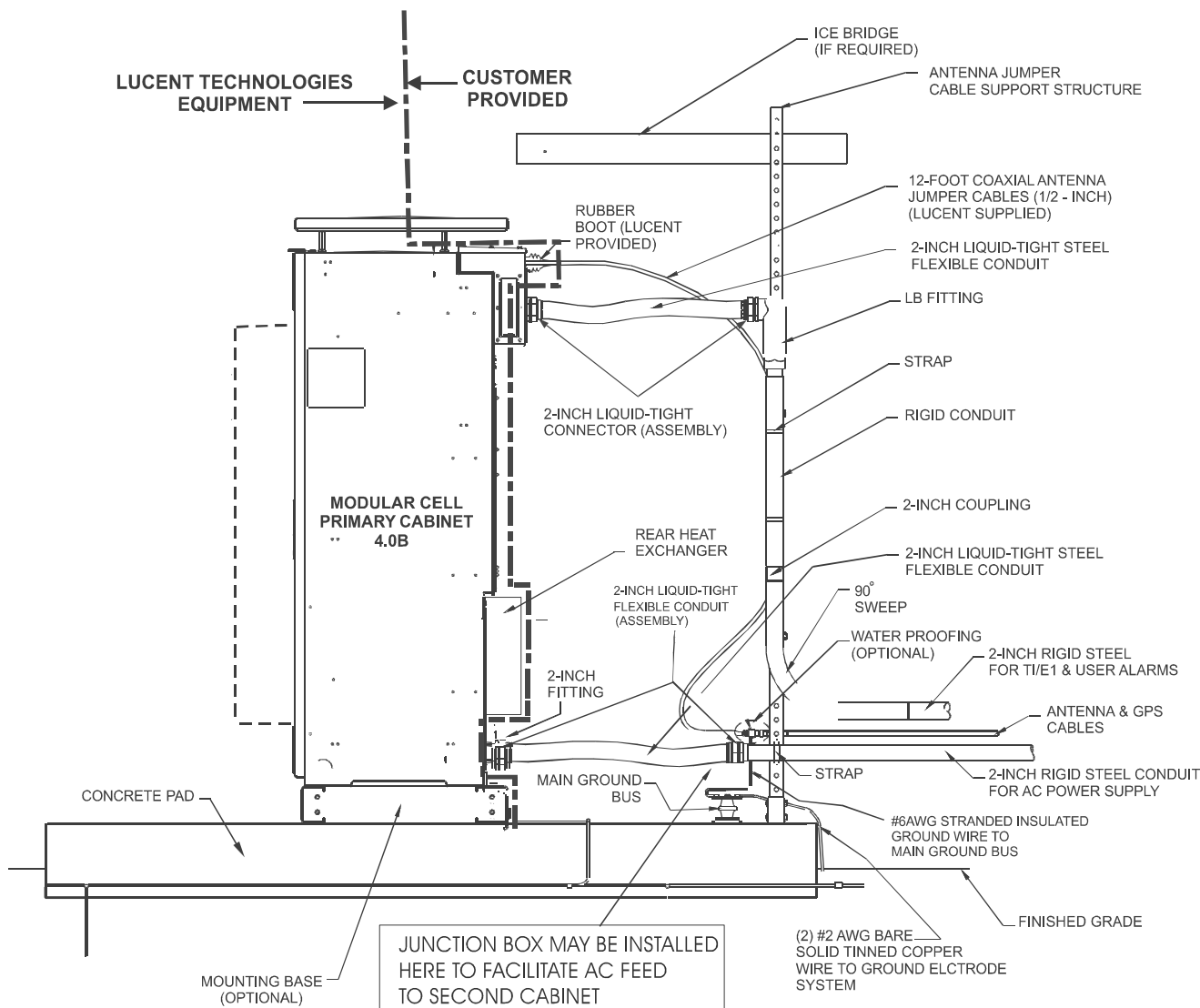
NOTE: THE OPTIONAL REAR HEAT EXCHANGER IS NOT ILLUSTRATED IN THIS VIEW. IT IS PART OF THE LUCENT EQUIPMENT

Modular Cell 4.0B cabinet side view 2

Illustrated below is an outdoor site with antenna and T1/E1 routing from the bottom to the top rear of the cabinet. The cabinet is illustrated with a rear heat exchanger. The dotted box at the front of the cabinet

illustrates the mutually exclusive optional front heat exchanger. Note the fact that a junction box may be installed, where noted, to facilitate routing of AC to a second cabinet.

SIDE VIEW 2 (4.0B)



NOTE: THE SOUND MUFFLER MOUNTED ON THE REAR OF THE CABINET IS NOT ILLUSTRATED IN THIS VIEW. IT IS PART OF THE LUCENT EQUIPMENT

Torque requirements

Overview This section provides mechanical torque requirements. Refer to the table below.

Torque requirements for mechanical connections The table below identifies the torque requirements to be followed when making mechanical connections.

Item Description	Torque	
	Newton Meters	Inch Pounds
Antenna jumper cable connections	25	221
GPS cable connections at Modular Cell 4.0/4.0B cabinet	25	221
M6 x 16-mm thread rolling screw	4	30
All other M6 fasteners (nuts, hex-head bolts, etc.)	4	30
All M5 fasteners (pan-head screws, hex nut, etc.)	4	30
All M4 fasteners (pan-head screws, hex nut, etc.)	1.5	14
Tamper-proof screws	1.7 - 2.3	15 - 20

Torque specifications for electrical connections

Important! The table below must not be used for spanner head self-tapping screws, in or on cabinets. It is to be used exclusively for electrical connections. Refer to the previous table for mechanical connections.

The table below identifies the torque requirements to be followed when making electrical connections.

Metric Screw Size	SAE Screw Size	Torque - in.-lb. [or ft.-lb.] and (Nm)					
		Wire Connections		Head Tightened		Nut Tightened	
		Slotted Machine	Hex or Socket Cap	Slotted Machine	Hex or Socket Cap	Slotted Machine	Hex or Socket Cap
M4	8-32	15 (1.7)	15 (1.7)	19 (2.1)	19 (2.1)	19 (2.1)	23 (2.6)
M5	10-24	21 (2.4)	21 (2.4)	27 (3.1)	27 (3.1)	27 (3.1)	33 (3.7)
M6	1/4-20*	50 (5.6)	50 (5.6)	65 (7.3)	65 (7.3)	65 (7.3)	80 (9.0)
M8	5/16-18**	-	100 (11.3)	-	135 (15.3)	135 (15.3)	165 (18.6)
M10	3/8-16	-	180 (20.3)	-	240 (27.1)	240 (27.1)	290 (32.8)
M12	7/16-14	-	280 (31.6)	-	385 (43.5)	385 (43.5)	465 (52.5)
M14	1/2-13	-	500 (56.5)	-	585 (66.1)	585 (66.1)	710 (80.2)
M16	5/8-11	-	[71] (96.3)	-	[97] (131.5)	[97] (131.5)	[118] (160.0)
M20	3/4-10	-	[125] (169.5)	-	[172] (233.2)	[172] (233.2)	[209] (283.4)

Table Notes:

*Do not use 65 in.-lb. (7.3 Nm) or 80 in.-lb. (9.0 Nm) for battery connections. Use 60 in.-lb. (6.8 Nm) instead.

**Do not use 135 in.-lb. (15.3 Nm) or 165 in.-lb. (18.6 Nm) for power cabinet DC connections at the Modular Cell 4.0B cabinet. Use 75 in.-lb. (8 Nm) instead.

Tools, supplies, and parts required (master list)

Overview This section provides a master list of all tools, materials, and parts required during the installation process. Items required for installation of a specific cabinet or frame are listed within the applicable chapter.

Tools The following is a master list, in alphabetical order, of all tools that may be utilized during installation.

- #8 drilled spanner driver (for tamper-proof screws on outdoor Modular Cell cabinets)
- #14 drilled spanner driver (for tamper-proof screws on outdoor Modular Cell cabinets)
- 7/16-inch thin-walled nut driver (not provided with cabinets)
- Adjustable open-ended wrench (or set of fixed open-ended wrenches)
- Antioxidant compound
- B connecting links, or equivalent (quantity: 3)
- Bolt anchor setting tool
- Bonding clamps for facility and phone line cables (normally provided by telephone company)
- Bonding kits for antenna cables
- B sealing tape
- Butyl rubber tape
- Chalk line
- Channel-lock pliers [for 2-1/2 inch nuts, max. 3/4-inch (19 mm) wide]
- Channel-lock pliers (standard)
- Crimping tools 22-16 gauge, 10-4/0 gauge (5-120 mm²)
- Derrick, capable of supporting a 1500-lb. (680-kg) load
- DIN connector stripping tool: part numbers
 - For Huber Suhner cable/connector: 74Z-0-12-15
 - For Andrew cable/connectors: ITE-7189
 - For RFS cable/connectors: TRIM-L12-A
- Drill and drill bits (including 5/8" [16-mm] and 11/16"[18-mm] for drilling anchor holes)