

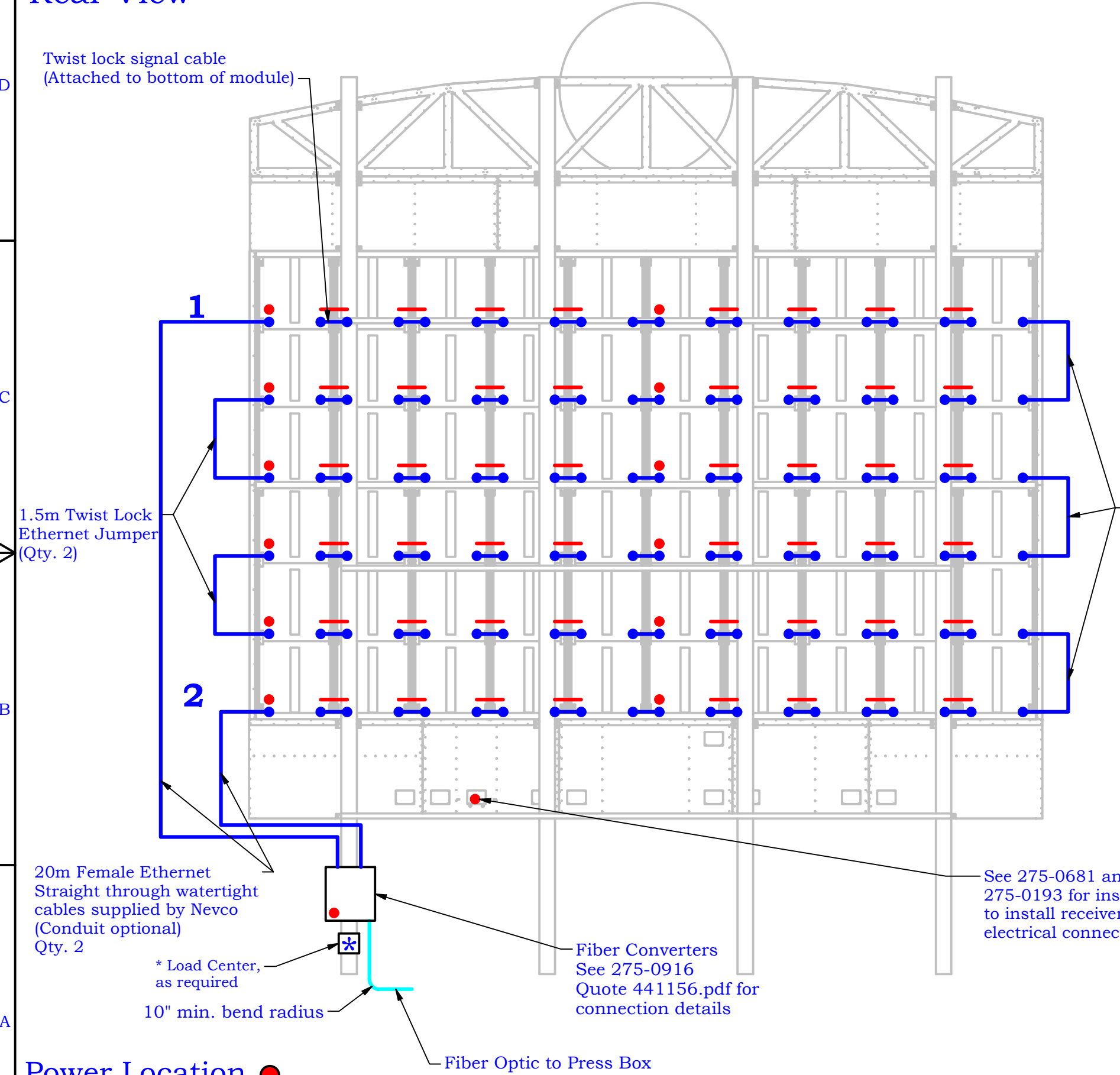
Rear View

Twist lock signal cable
(Attached to bottom of module)

Actual Full-Load Power Consumption (120-240VAC, 50/60Hz)					Rev
Description	@120V	@208VAC	@240VA	Quantity	
10mm Video Module 3.15' x 3.15'	5.0	2.9	2.5	60	
Scoreboard	5.2	3.0	2.6	1	
Fiber Converters	0.1	N/A	N/A	2	
Total + 30% Margin	397.0A	229.1A	198.5A		

Use high inrush current circuit breakers for video display.
* National Electrical Code requires a disconnect switch within sight of sign or lockable within the building. If a subpanel is fed via a breaker from a main panel inside the building, ensure a lockable panel is installed.

Important. Read before Installation.
This display is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign. All personnel who work with electrical connections must be educated in the safe procedures for installing and repairing electrical connections before they are given the responsibility of performing such tasks.



20m Female Ethernet
Straight through watertight
cables supplied by Nevco
(Conduit optional)
Qty. 2

Power Location ●
Signal Location ●

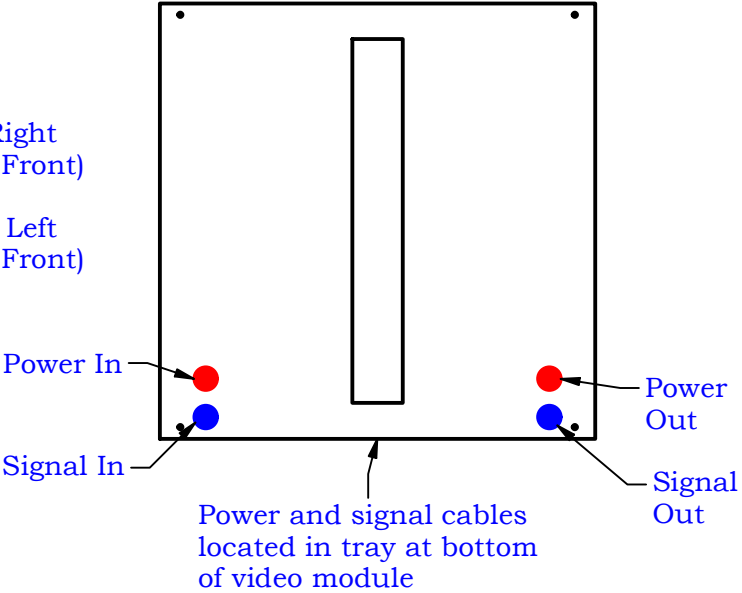
0.8m Twist Lock
Ethernet Jumper
(Qty. 3)

Controller Configuration
NovaStar MCTRL 300

Port 1: 1 (Signal In Upper Right
Cabinet when Viewed from Front)

Port 2: 2 (Signal Out Lower Left
Cabinet when Viewed from Front)

10mm Video
Module
Rear View



* Load center, power
wire, conduit and
fittings are supplied
by owner.

Spring Lake Park High School 10mm Video Display Electrical Installation			
Last ECO		Nevco, Inc. Greenville, Illinois 62246	
Drawn KCC	Date 5/26/26	Drawing No.	Quote 431156 Elec
		Sheet 1 of 2	

Panel
Schedule

Panel Schedule						
	208 VAC-3Phase					
Description	ØA	ØB	ØC	breaker	trip	Loads
10mm A1, B1, C1	1.5			2-pole	20A	5 Video
10mm D1, E1		1.5				
10mm F1, G1, H1			1.5	2-pole	20A	5 Video
10mm I1, J1	1.5					
10mm A2, B2, C2		1.5		2-pole	20A	5 Video
10mm D2, E2			1.5			
10mm F2, G2, H2	1.5			2-pole	20A	5 Video
10mm I2, J2		1.5				
10mm A3, B3, C3			1.5	2-pole	20A	5 Video
10mm D3, E3	1.5					
10mm F3, G3, H3		1.5		2-pole	20A	5 Video
10mm I3, J3			1.5			
10mm A4, B4, C4	1.5			2-pole	20A	5 Video
10mm D4, E4		1.5				
10mm F4, G4, H4			1.5	2-pole	20A	5 Video
10mm I4, J4	1.5					
10mm A5, B5, C5		1.5		2-pole	20A	5 Video
10mm D5, E5			1.5			
10mm F5, G5, H5	1.5			2-pole	20A	5 Video
10mm I5, J5		1.5				
10mm A6, B6, C6			1.5	2-pole	20A	5 Video
10mm D6, E6	1.5					
10mm F6, G6, H6		1.5		2-pole	20A	5 Video
10mm I6, J6			1.5			
Scoreboard	0.624			1-pole	2A	
Fiber Converters		0.024		1-pole	20A	120VAC
Total (kVA)	12.624	12.024	12			
Max phase Line Current with 30% margin		136.50	AMPS			

Proof 74305	Full-Load SINGLE PHASE Current at			
	120VAC	208VAC	240VAC	qty
10mm 3.15x3.15 cabinets	5	2.9	2.5	60
Custom Scoreboard	5.2	3.0	2.6	1
Fiber Converters	0.1	n/a	n/a	2
Total + 30% margin	397.0	229.1	198.5	AMPS

Spring Lake Park
High School
10mm Video Display
Electrical Installation


Nevco, Inc.
Greenville, Illinois 62246

Last ECO

Drawn KCC

Drawing No.
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Date 5/26/26

Sheet 2 of 2