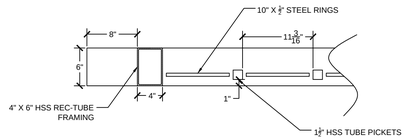
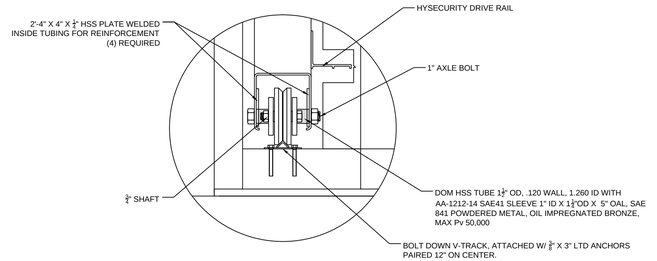
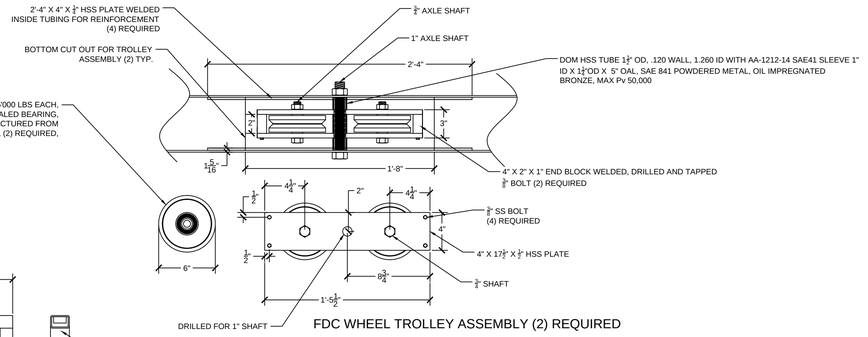


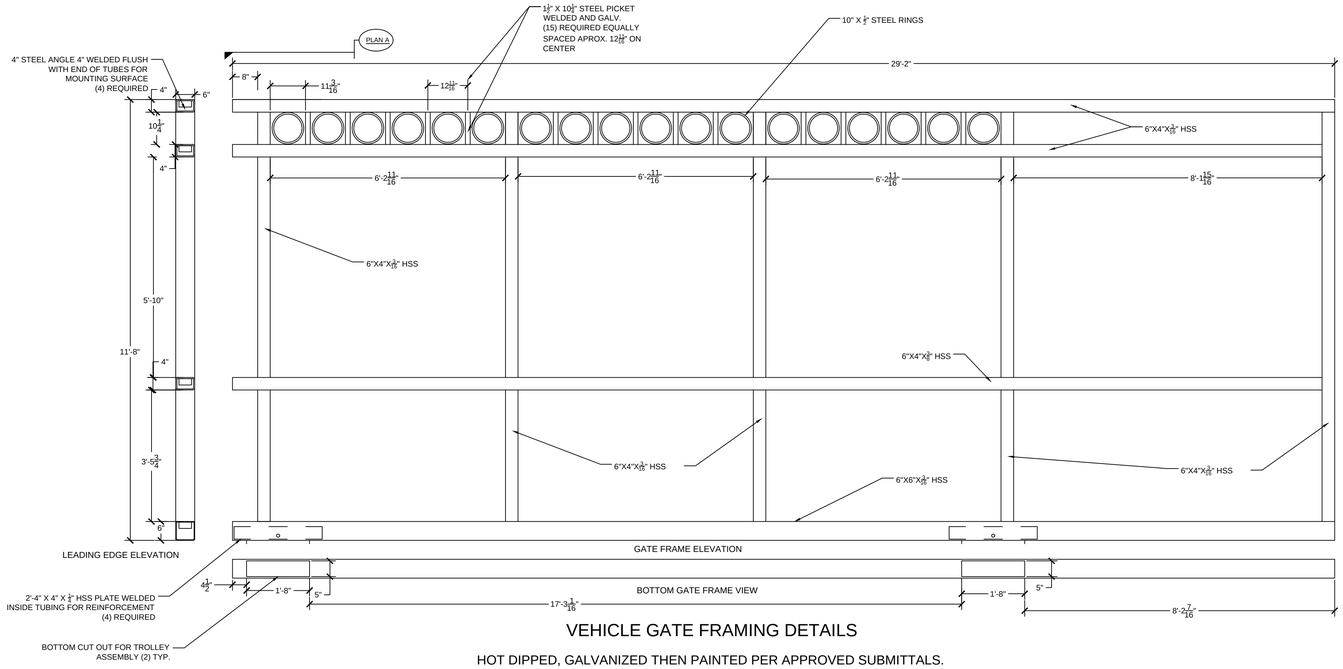
VEHICLE GATE OPEN RING DETAIL, PLAN (A)



TROLLEY ASSEMBLY ELEVATION DETAILS

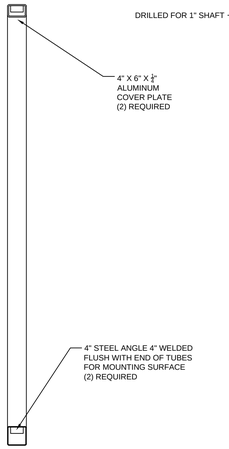


FDC WHEEL TROLLEY ASSEMBLY (2) REQUIRED

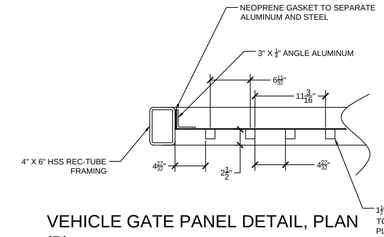


VEHICLE GATE FRAMING DETAILS

HOT DIPPED, GALVANIZED THEN PAINTED PER APPROVED SUBMITTALS.



TAIL ELEVATION



VEHICLE GATE PANEL DETAIL, PLAN (B)

VEHICLE GATE FRAMING PANEL DETAILS

20' VEHICLE SLIDE GATE DETAILS, ELEVATION

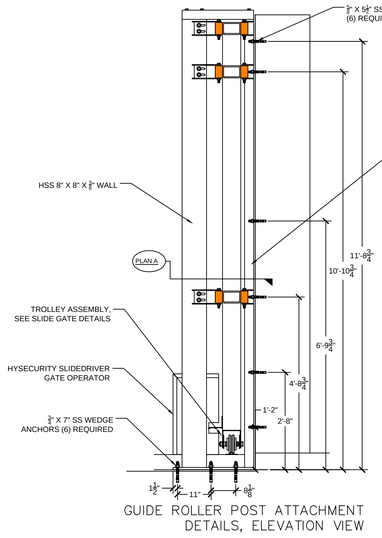
NOTE: PAINTED PER APPROVED SUBMITTALS.

FDC STRONGWELD HEAVY DUTY SLIDE GATE SYSTEM

DOUBLE CLEAR OPENINGS UP TO 40'
MATCHED WITH HYSECURITY SLIDEDRIVER 80 GATE OPERATOR
(SEE SPECIFICATIONS PROVIDED ON SHEET 2)

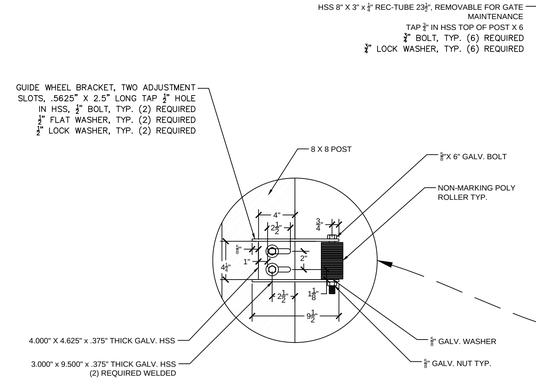
DOUBLE CLEAR OPENINGS UP TO 100'
MATCHED WITH HYSECURITY SLIDEDRIVER 200 GATE OPERATOR
(SEE SPECIFICATIONS PROVIDED ON SHEET 2)

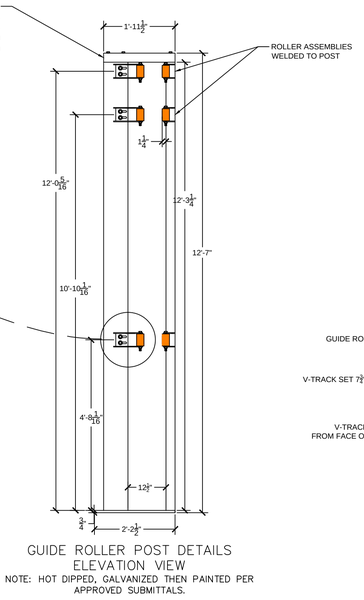
FDC Florida Door Control Melbourne, Fl. 32934	
FDC STRONGWELD HEAVY DUTY SLIDE GATE SYSTEM	
PART NO.	JOB NO.
DWG. NO. FSHDSG1	SCALE N/A DRAWN BY: S.T.
DATE 01/04/2021	SHEET 1 OF 2



GUIDE ROLLER POST ATTACHMENT DETAILS, ELEVATION VIEW

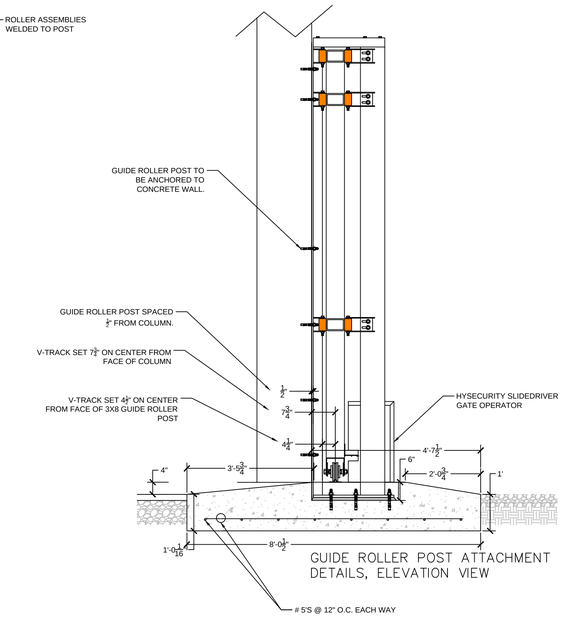
GUIDE ROLLER POST DETAILS PLAN A





GUIDE ROLLER POST DETAILS ELEVATION VIEW

NOTE: HOT DIPPED, GALVANIZED THEN PAINTED PER APPROVED SUBMITTALS.



GUIDE ROLLER POST ATTACHMENT DETAILS, ELEVATION VIEW

HySecurity SlideDriver 80	8,000 lb gates 1 ft/s
Model	SlideDriver 80
Part #	222 X1 ST
Duty Cycle	Continuous
Horsepower	2 hp
Drive	Hydraulic
Drive Wheels	One 8 inch (20 cm) AdvanceDrive wheel, One 8 inch XtremeDrive wheel and 27 ft (8 m) of rack
Gate Weight Max.	8,000 lb (3,629 kg)
Gate Length Max.	Limited only by weight
Drawbar Pull	600 lb (272 kg)
Rate of Travel	1 ft/s (30 cm/s)
Temperature Rating	-40º to 158º F (-40º to 70º C)
1 Phase Power	208/230V 60 Hz220V 50 Hz*** 208/230/460V; 220/380/440V 50Hz***
3 Phase Power	208/230V 60 Hz220V 50 Hz*** 208/230/460V; 220/380/440V 50Hz***
Included Accessories	One premium EMX IRB-MON photo eye, one 5-foot premium ASO edge sensor and a pre-wired Hy2NC adapter
Communication	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory
User Controls	Smart Touch Controller with 70+ configurable settings, programmed via the keypad and display or a PC using S.T.A.R.T. software.
Relay	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs
Finish	Zinc plated with powder coating
ETL Listed (UL 325)	Usage Class III, IV
Warranty	5 year w/product registration
UPS Battery Backup Power and Additional Models	
DC Power Supply* † with HyCharger DC	SlideDriver 80 UPS
AC Power Supply with HyInverter AC*	-
Correctional Facility	SlideDriver 80 UPS-C
Modular	SlideDriver 80 UPS-M

** 3,000 ft/hr expected duty cycle. The operator's normal duty cycle and the actual number of gate cycles available from battery depends upon gate resistance to travel, cycle length, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.*

*** SlideDriver 200 UPS has a 2,000 ft/hr (610 m/hr) expected duty cycle. Actual duty cycle depends on site specific conditions and gate configuration.*

**** Refer to Installed Options on pricing for all 50Hz voltages, which are special order.*

† 115V DC Power Supply requires a 30A branch circuit. Choose voltage with care as chargers are not field convertible.

HySecurity SlideDriver 200	20,000 lb gates 1 ft/s
Model	SlideDriver 200
Part #	444 XS ST
Duty Cycle	Continuous
Horsepower	5 hpUPS model: 4 hp
Drive	Hydraulic
Drive Wheels	Two 8 inch (20 cm) AdvanceDrive wheels, Two 8 inch XtremeDrive wheels and 52 ft (16 m) of rack
Gate Weight Max.	20,000 lb (9,072 kg)
Gate Length Max.	Limited only by weight
Drawbar Pull	1,200 lb (544 kg)
Rate of Travel	1 ft/s (30 cm/s)
Temperature Rating	-40º to 158º F (-40º to 70º C)
1 Phase Power	230V 60 Hz 220V 50 Hz***
3 Phase Power	208/230/460V; 220/380/440V 50Hz***
Included Accessories	Pre-wired Hy2NC adapter
Communication	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory
User Controls	Smart Touch Controller with 70+ configurable settings, programmed via the keypad and display or a PC using S.T.A.R.T. software.
Relay	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs
Finish	Zinc plated with powder coating
ETL Listed (UL 325)	Usage Class III, IV
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UPS Battery Backup Power and Additional Models	
DC Power Supply* † with HyCharger DC	SlideDriver 200 UPS**
AC Power Supply with HyInverter AC*	-
Correctional Facility	SlideDriver 200-C
Modular	SlideDriver 200-M

** 3,000 ft/hr expected duty cycle. The operator's normal duty cycle and the actual number of gate cycles available from battery depends upon gate resistance to travel, cycle length, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.*

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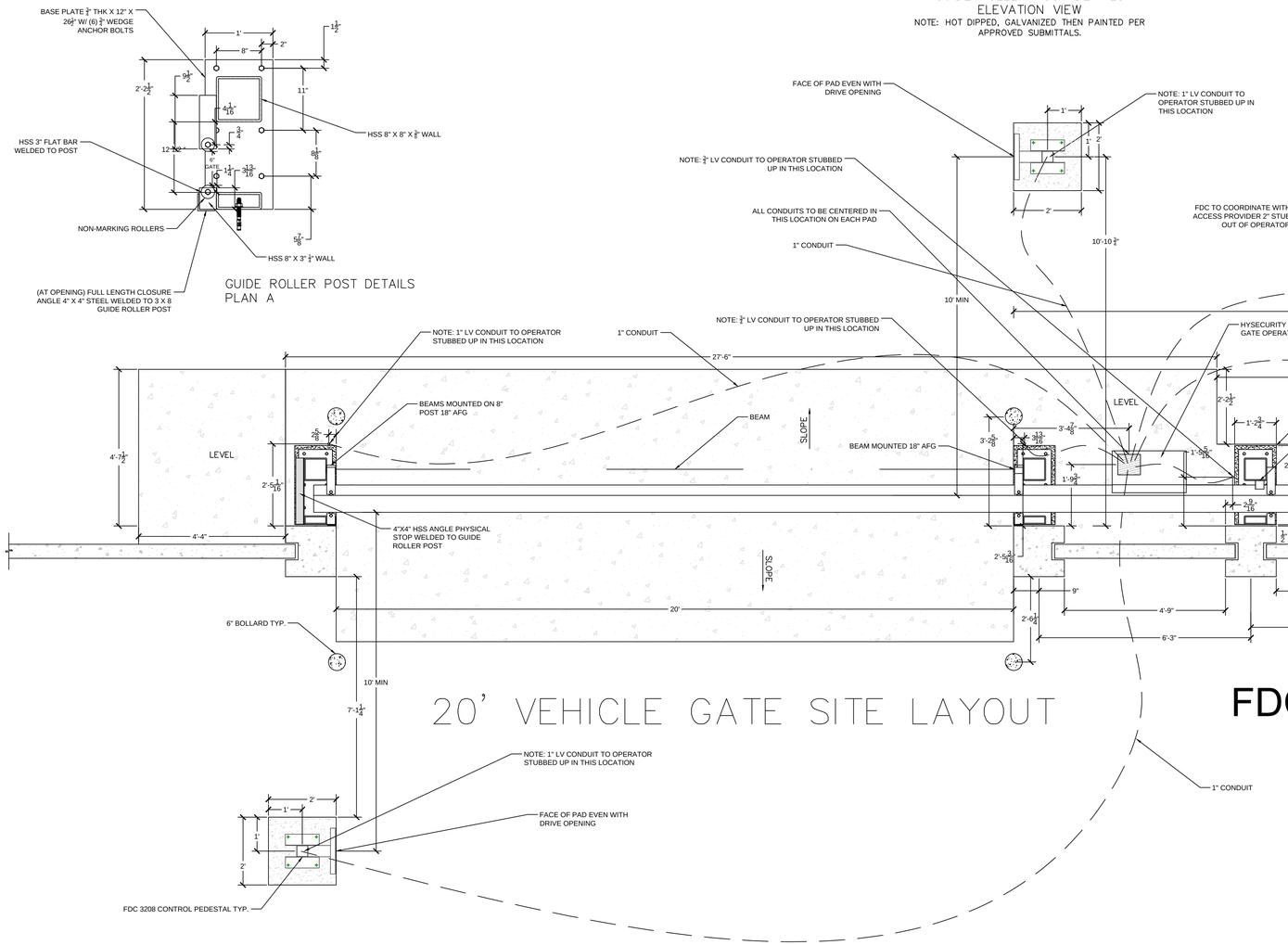

20' VEHICLE GATE SITE LAYOUT

FDC STRONGWELD HEAVY DUTY SLIDE GATE SYSTEM

DOUBLE CLEAR OPENINGS UP TO 40'
MATCHED WITH HYSECURITY SLIDEDRIVER 80 GATE OPERATOR
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FDC Florida Door Control Melbourne, Fl. 32934	
FDC STRONGWELD HEAVY DUTY SLIDE GATE SYSTEM	
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DWG. NO. FSHDSG1	SCALE N/A DRAWN BY: S.T.
DATE 01/04/2021	SHEET 2 OF 2