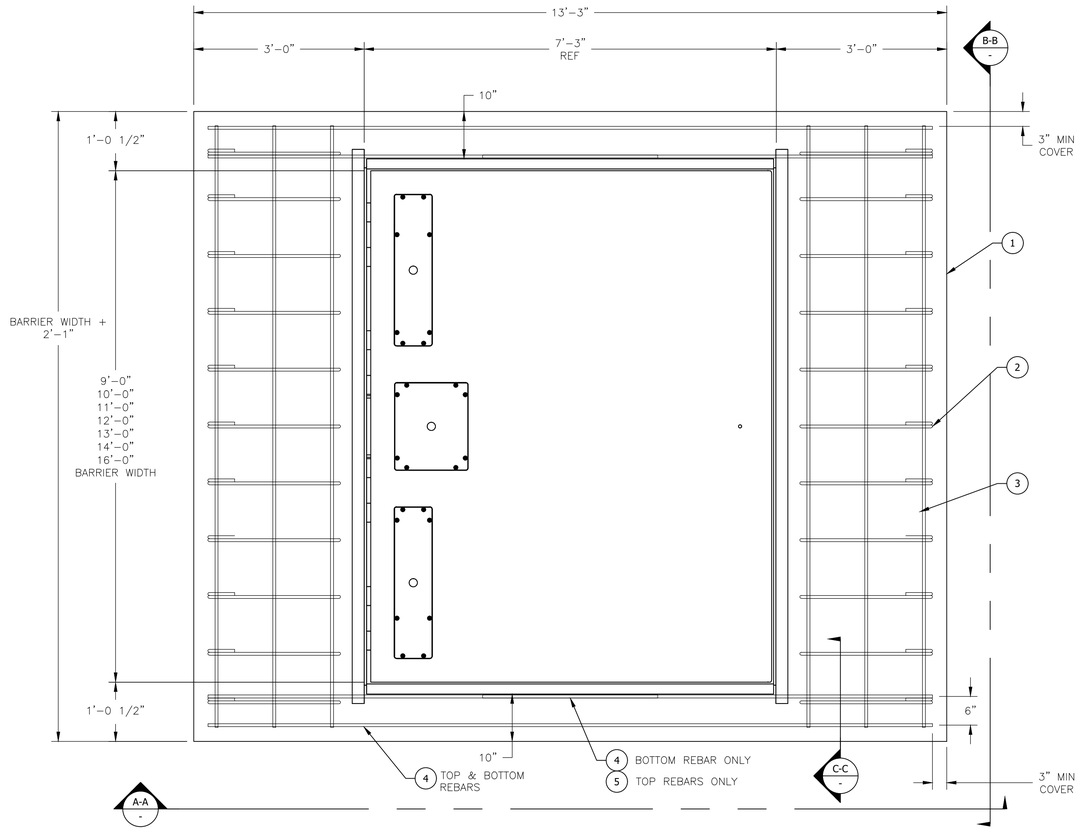
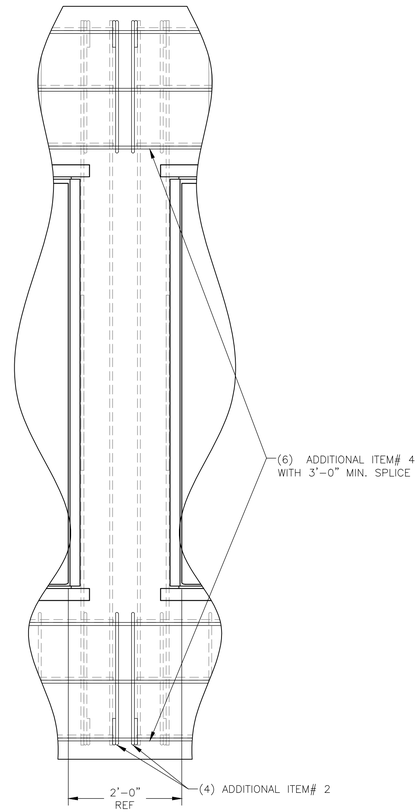
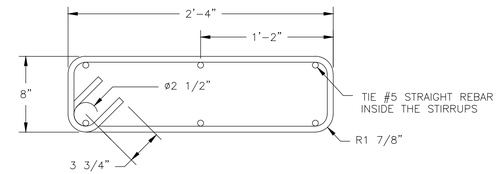


A PLAN VIEW
SCALE: 3/4" = 1'-0"

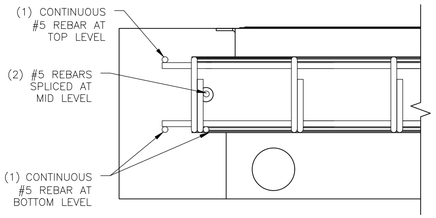
0' 2' 4' 6'



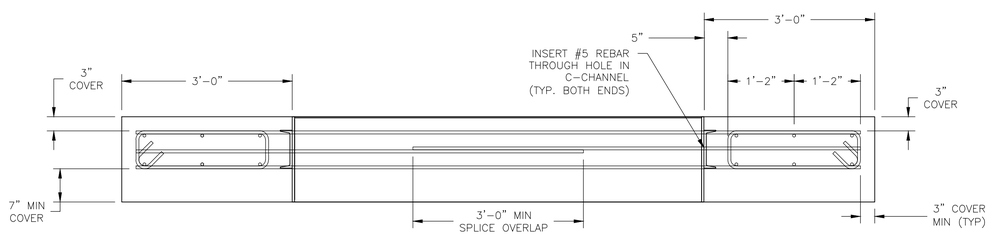
D-2 SIDE BY SIDE INSTALLATION
SCALE: NTS



D-1 STIRRUP DETAIL
SCALE: NTS

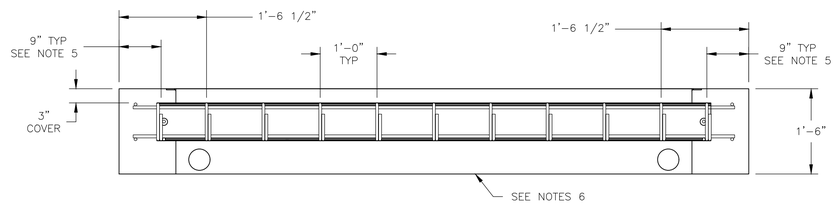


C-C REBAR SECTION - TYPICAL
SCALE: NTS



A-A SIDE ELEVATION VIEW
SCALE: 3/4" = 1'-0"

0' 2' 4' 6'



B-B FRONT ELEVATION VIEW
SCALE: 3/4" = 1'-0"

0' 2' 4' 6'

FOR APPROVAL
DO NOT BUILD

BILL OF MATERIAL

PART#	ITEM	QTY	DESCRIPTION
–	1	–	4000 PSI (MIN) CONCRETE
–	2	–	#5 REBAR – SEE DETAIL D–1 ~ ASTM A615 GRADE 60 DEFORMED BAR
–	3	–	#5 REBAR x VARIES" ~ ASTM A615 GRADE 60 DEFORMED BAR
–	4	–	#5 REBAR x 12'–9" ~ ASTM A615 GRADE 60 DEFORMED BAR
–	5	–	#5 REBAR x 7'–11" ~ ASTM A615 GRADE 60 DEFORMED BAR
–	–	1	HEAT TRACE CABLE (OPTIONAL)

NOTES

1	CONCRETE, REBAR AND CONDUIT SHALL BE SUPPLIED BY INSTALLER.
2	CONCRETE MUST BE 4000 PSI (MIN) COMPRESSIVE STRENGTH AT 28 DAYS.
3	INSTALL CONCRETE PER ACI 318 CODE REQUIREMENTS.
4	TIE A MINIMUM OF 90% OF REBAR JUNCTIONS.
5	END STIRRUP DIMENSION MAY VARY 2" LEFT OR RIGHT TO PROVIDE TIE SUPPORT FOR SPLICE BAR RUNNING THROUGH BARRIER CHANNEL FRAME HOLE, TYPICAL ALL FOUR CORNERS.
6	SOIL SHALL BE COMPACTED TO 95% OF THE STANDARD PROCTOR (ASTM D–698) MAXIMUM DRY DENSITY, OR PER LOCAL SPEC.
7	CONDUIT SHALL BE INSTALLED PER PROJECT SPECS & ALL APPLICABLE ELECTRICAL CODES.
8	ALL ELECTRICAL, CONTROLS, AND HYDRAULIC CONDUITS WITH BENDS MUST BE SWEEPING 90 DEGREES TO ALLOW FOR PULLING/FEEDING WIRES.
9	ANY UNUSED OUTLETS MUST BE SEALED OFF PRIOR TO PLACING CONCRETE.
10	FOR CONDUIT SIZES, QUANTITIES AND PATHWAYS SEE SITE SPECIFIC LAYOUT.

REV	DATE	DESCRIPTION	BY

GLOBAL GRAB TECHNOLOGIES

DRAWN BY: CMT
CHECKED BY:
SIZE: ANSI D
DATE: 01/23/2020
SCALE: AS NOTED
REV:
DRAWING NUMBER: GENERAL SW1900 FOUND.

PROJECT NAME

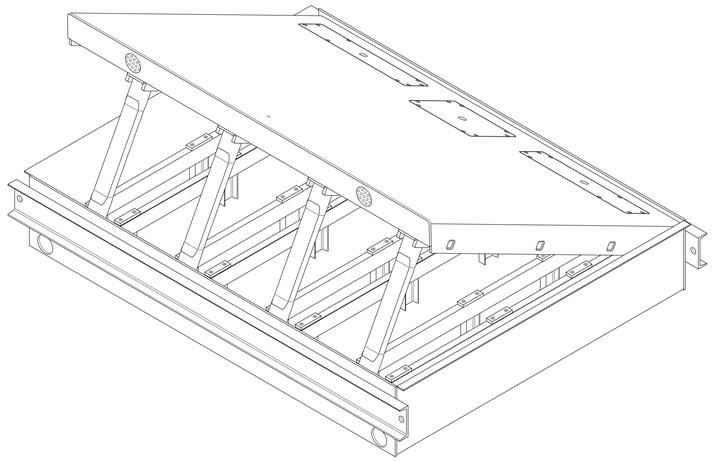
ACTIVE VEHICLE WEDGE BARRIER INSTALLATION & REBAR DETAIL

SHEET ID
3
SHEET:-

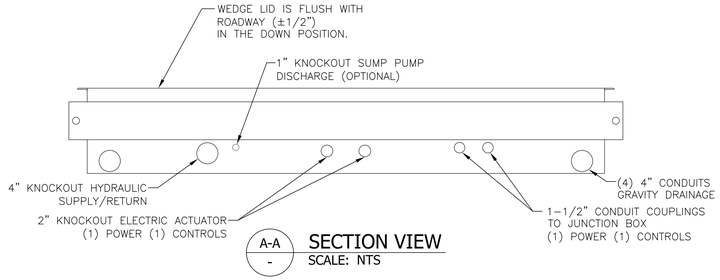
NOTES	
1	9'–0" WEDGE BARRIER SHOWN FOR REFERENCE ONLY.
2	MEETS ASTM 2656–07 M50–P1 AND SD–STD–02.01 REV. A K12 STANDARDS.
3	WEDGE BARRIER IS CAPABLE OF SUPPORTING • 40,000 AXLE LOAD • 26,000 WHEEL LOAD

PERFORMANCE CHARACTERISTICS	
1	CAN BE MAINTAINED IN THE UP POSITION FOR 1 WEEK OR LONGER WITHOUT MAINTENANCE.
2	MAX OPERATING SPEED 1.5 SECONDS.

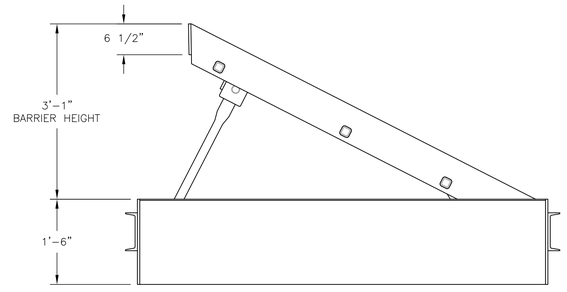
BARRIER WIDTHS	
DIM "A"	DIM "B"
8'–0"	8'–9'
9'–0"	9'–9"
10'–0"	10'–9"
11'–0"	11'–9"



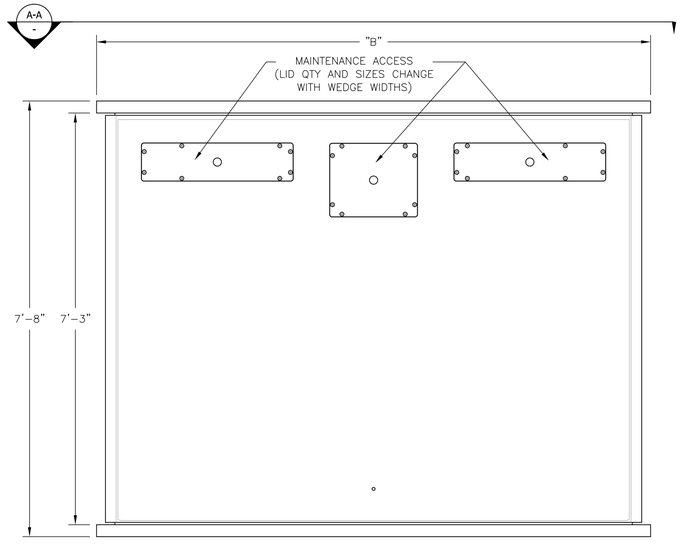
I / - ISO VIEW
SCALE: NTS



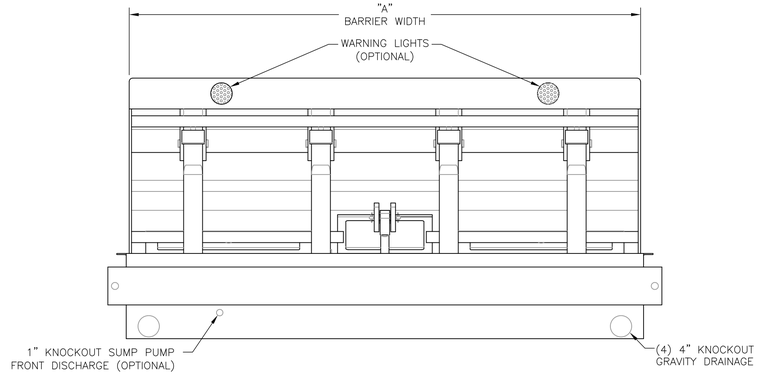
A-A / - SECTION VIEW
SCALE: NTS



2 / - SIDE ELEVATION VIEW
SCALE: NTS



1 / - PLAN VIEW
SCALE: NTS



3 / - FRONT ELEVATION VIEW
SCALE: NTS

FOR APPROVAL
DO NOT BUILD

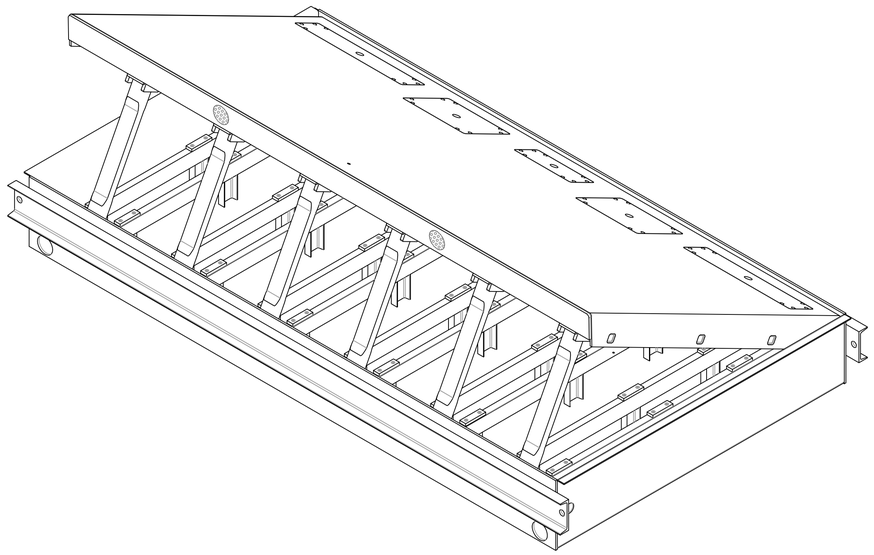
REV	DATE	DESCRIPTION	BY

GLOBAL GRAB TECHNOLOGIES

DRAWN BY: CMT
CHECKED BY:
SIZE: ANSI D
DATE: 01/23/2020
SCALE: AS NOTED
REV:
DRAWING NUMBER: SW1900 9 – 11 FT

PROJECT NAME
SW1900 WEDGE BARRIER (8' THRU 11')
GENERAL ARRANGEMENT

SHEET ID
1
SHEET:–

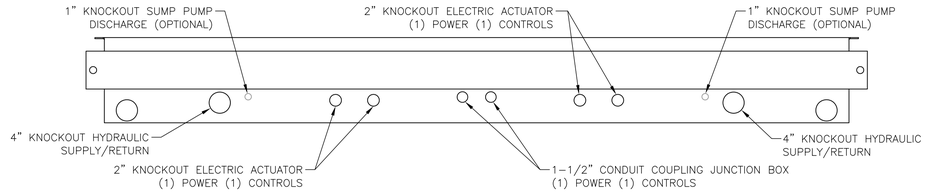


I — ISO VIEW
SCALE: NTS

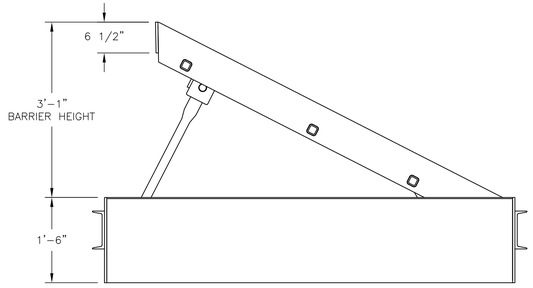
NOTES	
1	13'–0" WEDGE BARRIER SHOWN FOR REFERENCE ONLY.
2	MEETS ASTM 2656–07 M50–P1 AND SD–STD–02.01 REV. A K12 STANDARDS.
3	WEDGE BARRIER IS CAPABLE OF SUPPORTING • 40,000 AXLE LOAD • 26,000 WHEEL LOAD

PERFORMANCE CHARACTERISTICS	
1	CAN BE MAINTAINED IN THE UP POSITION FOR 1 WEEK OR LONGER WITHOUT MAINTENANCE.
2	MAX OPERATING SPEED 1.5 SECONDS.

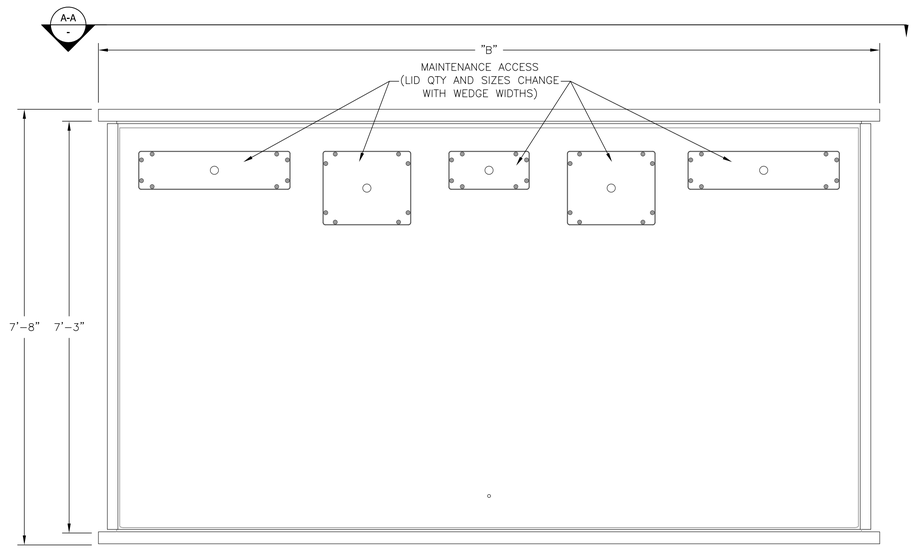
BARRIER WIDTHS	
DIM "A"	DIM "B"
12'–0"	12'–9"
13'–0"	13'–9"
14'–0"	14'–9"
15'–0"	15'–9"
16'–0"	16'–9"



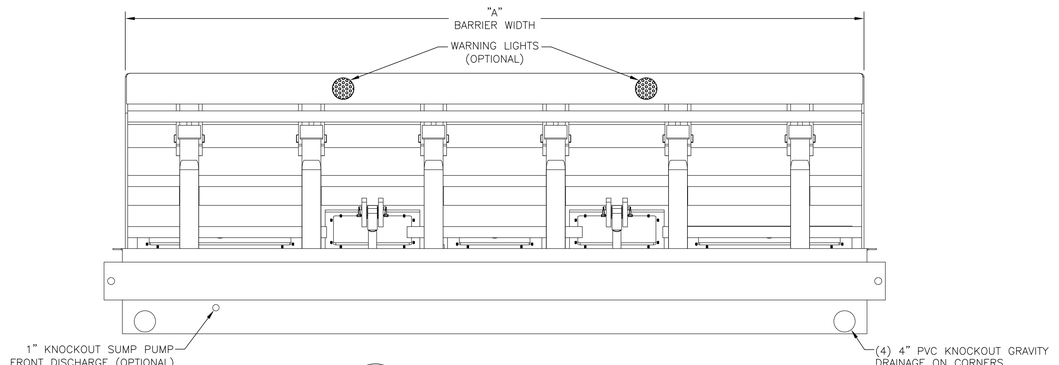
A-A — SECTION VIEW
SCALE: NTS



2 — SIDE ELEVATION VIEW
SCALE: NTS



1 — PLAN VIEW
SCALE: NTS



3 — FRONT ELEVATION VIEW
SCALE: NTS

FOR APPROVAL
DO NOT BUILD

REV	DATE	DESCRIPTION	BY

GLOBAL GRAB TECHNOLOGIES

DRAWN BY: CMT
CHECKED BY:
SIZE: ANSI D
DATE: 07/23/2020
SCALE: AS NOTED
REV:
DRAWING NUMBER: SW1900 12–16 FT

PROJECT NAME
SW1900 WEDGE BARRIER (12' THRU 16')
GENERAL ARRANGEMENT

SHEET ID
2
SHEET:–