

THE VIRGIN ISLANDS DEPARTMENT OF EDUCATION

REQUEST FOR PROPOSALS (RFP)

RFP-DOE-2022-006

**Design-Build Wheelchair Accessible Playground
Equipment Installation - St. Thomas Schools**

June 1, 2022

Proposal Deadline

Monday, June 20, 2022

Email Delivery: bids@vide.vi

I. GENERAL INFORMATION

A. PURPOSE / OVERVIEW

To engage and retain a licensed and experienced general construction contractor complete site preparations and install wheel chair accessible playground equipment for students with physical disabilities at three (3) schools in the St. Thomas District. The State Office of Special Education has already procured and is in possession of wheelchair accessible play equipment to expand the existing playground equipment at three designated school sites on St. Thomas. The following schools are as follows:

1. Ulla F. Muller Elementary School
7B Estate Contant
St. Thomas, VI 00802

2. Joseph Gomez Elementary School
142 Annas Retreat
St. Thomas, VI 00802

3. Yvonne E. Milliner-Bowsky Elementary School
15B And 16 Estate Mandahl
St. Thomas, VI 00802

B. BACKGROUND

Virgin Islands Department of Education

The Commissioner of Education heads the Virgin Islands Department of Education, including the Virgin Islands Public School System. The Territory of the United States Virgin Islands is divided into two (2) school districts – the St. Thomas-St. John school district and the St. Croix school district. The two (2) school districts are managed and directed by Insular Superintendents with the day-to-day operations of each school district being managed with district offices on St. Thomas and St. Croix. The following contains additional information concerning the two (2) school districts:

ST. THOMAS/ST. JOHN SCHOOL DISTRICT	Number
Schools	12
Elementary Schools	7
Middle Schools	2
Junior High School	1
High Schools	2
Programs	3
Day Adult Program	1
Skill Center	1
Alternative Ed Program	1
Total Schools and Programs	15

Number of Students	5,375
ST. CROIX SCHOOL DISTRICT	
Schools	13
Elementary Schools	8
High Schools	2
Junior High	3
Programs	3
Adult Ed	1
Alternative Ed	1
Career and Technical Ed	1
Total Schools and Programs	16
Number of Students	5,382
BOTH DISTRICTS	
TOTAL NUMBER OF VIDE REGULAR K-12 SCHOOLS	25
TOTAL NUMBER OF PROGRAMS	6
TOTAL NUMBER OF STUDENTS	10,757
TOTAL NUMBER OF TEACHERS/ADMINISTRATORS	1,124

On the island of St. John, one (1) school serve the elementary and middle school student population. The senior high school students from the island of St. John are served by schools on the island of St. Thomas.

The Division of Operations has been designated and will serve as the DOE liaison on this project.

C. ADMINISTRATIVE STRUCTURE

Honorable Racquel Berry Benjamin, Commissioner heads the Virgin Islands Department of Education. The Department has two (2) school districts, the St. Thomas-St. John School District, and the St. Croix School District that are managed and directed by Insular Superintendents. The official physical and mailing to be used for any correspondence or delivery of paper reports address for the DOE is as follows:

Khadila D. Joseph, MPA
Territoiral Director of procurement
Virgin Islands Department of Education
1834 Kongens Gade
St. Thomas, US Virgin Islands 00802-6742
bids@vide.vi

D. CONTRACT TYPE

The contract awarded under this RFP will be a design-build Contract. No payments in advance or in anticipation of services or supplies to be provided under the contract shall be made by the Government.

E. CONTRACT TERMS

Unless otherwise agreed pursuant to negotiations, the term of the contract awarded under this RFP shall be for a period of one (1) year.

F. SELECTION OF CONTRACTOR

A contract shall be negotiated with a proposer deemed to be the most qualified and responsive to this solicitation. Such a proposer is one, which has financial, technical, and other resources that indicate an ability to perform the services required by this solicitation. A number of factors may influence the Government’s decision in selecting the provider. These factors include, but are not limited to, proposer’s ability to deliver requested services in a timely manner; reputation, qualifications, experience, familiarity, and specialty in providing similar services; quality of supporting resources; and responsibility status.

The proposer shall also meet the following requirements:

- (1) Provide description of the proposer’s organization.
- (2) Provide history and background of organization.
- (3) Provide previous experience including years of experience describing the type of experience required for the project.
- (4) Demonstrate ability and capability to deliver on all aspects as described in Section II.
 - Proposers should present their vision of how they propose meeting DOE’s needs and identify the overall approach to the project, define the scope of their offered services, and how they propose to meet the *Scope of Services and Deliverables* as defined in this RFP.
- (5) Provide at least three (3) professional references (project references).
- (6) Demonstrate the ability to perform services on-site in DOE’s facilities.

H. INCURRED COSTS

The Government of the Virgin Islands is not liable for any cost incurred by the proposer prior to the signing of a contract by all Parties.

I. LATE PROPOSALS

Any Proposal received after the exact time specified for receipt will not be considered.

J. GIFTS FROM CONSULTANT

The Government’s officers, employees, or agents shall neither solicit nor accept gratuities, favors, or anything of monetary value from contractors or potential contractors. To the extent permissible under local laws, rules, or regulations, such standards shall provide for appropriate penalties, sanctions, or other disciplinary actions to be applied for violations of such standards.

K. LICENSES, FEES & TAXES

- 1. The selected contractor shall be responsible for paying all applicable taxes and fees, including but not limited to, excise tax, local income tax, and payroll and withholding taxes for its employees. The contractor shall hold Government harmless for all claims arising from payment of such taxes and fees.

2. The selected contractor shall obtain and post as required, all licenses, insurances, permits, and certificates as required by federal and local laws, rules and regulations, and policies.

L. PROPOSAL FORMAT

Each proposal must also meet the following minimum requirements:

Part I: Narrative

- 1) Table of Contents

This section must contain a table of contents. All major parts of the proposal must be identified by page numbers.

- 2) Executive Summary/Proposal Overview

This section must describe the salient features of the proposal. It must contain an overview of the proposer's company background and qualifications, and must condense and highlight the contents of the proposal to provide a broad understanding of the entire proposal. The Executive Summary should include conclusions and generalized recommendations. Pricing information must not be included in the Executive Summary.

- 3) Required Parts and Documents

The proposal must include components of Section I. F.

- 4) Technical Response

Demonstrate ability and capacity to provide services described in Section II. In this section, proposers should present their vision of how they propose meeting the Government's needs and identify the overall approach to the project, define the scope of their offered services, and how they propose to meet the *Scope of Services* as defined in this RFP.

Part II: Cost Proposal

The proposal shall provide the proposed compensation for the services Described in Attachment A

M. FEDERAL FUNDING/DEBARMENT CERTIFICATION

The selected contractor certifies that it is eligible to receive contract awards using federally appropriated funds and that it has not been suspended or debarred from entering into contracts with any federal agency. The Contractor shall include this provision in each of its subcontracts hereunder and shall furnish its subcontractors with the current "LIST OF PARTIES EXCLUDED FROM FEDERAL PROCUREMENT OR NON PROCUREMENT".

II. SCOPE OF SERVICES

This project will require the selected contractor to prepare a survey, site plan and design, obtain DPNR permits, sort and transport the components from each of the listed school to their respective campus-sites, construct the required and permitted foundation/supports and install all of the playground equipment. The grounds will need to be prepped and may include some minor demolition, but the project is primarily to augment the existing site with the addition of the wheelchair accessible components; and design and construct wheelchair accessible ADA compliant curb cuts, ramps, and pathways to the ADA playground equipment to enable students in wheelchairs to safely access the site and comply with ADA and the building code. The distribution details are outlined below. The work designed above shall be done at the schools listed below:

- Ulla F. Muller Elementary School is expected to receive 2 pieces of equipment
 - Sway fun w/12 ft. ramp
 - We go round
- Joseph Gomez Elementary School should receive 2 pieces of equipment
 - We go round
 - Pulse Tempo
- Yvonne Bowsky Elementary School Should receive 2 pieces of equipment
 - Pulse Tempo
 - Sway fun w/12 ft. ramp

The full installation should be completed by September 30, 2022.

Deliverables

III. NON-PERFORMANCE BY SELECTED CONTRACTOR

In the event of the selected contractor's non-performance under the subsequent contract and/or the violation or breach of the contract terms, the Government shall have the right to pursue all administrative, contractual, and legal remedies against the contractor and shall have the right to seek all sanctions and penalties as may be appropriate. Further, either party shall have the right to terminate the contract with or without cause upon the agreed upon written notice to the other party specifying the date of termination.

IV. CONTRACTUAL REQUIREMENTS

All bid proposals and subsequent contract and supporting documents must reflect the legal name of entity. Supporting documents that must be submitted prior to contract execution and within the time established by the Government shall include, but not be limited to, the following:

- (1) **Certificate of Resolution**, as to the authorized negotiator and signer of a contract.
- (2) **Current Virgin Islands Business License** issued to the legal name of record of the entity by the Government of the Virgin Islands, Department of Licensing and Consumer Affairs; and if applicable, copy of current business license issued by state, city or county in which the foreign corporation is operating.
- (3) One (1) **current Certificate(s) of Good Standing/Existence**, in legal name of the Contractor by the Virgin Islands Office of the Lt. Governor, Division of Corporations and Trademarks; and if company is not locally formed, an original *Certificate of Good Standing, Certificate of Existence, or Certificate of Status* from the state of registration.
- (4) Certificate of Issuance or Renewal of Trade Name issued by the Virgin Islands Office of the Lt. Governor, Division of Corporations and Trademarks, if applicable.
- (5) **Articles of Incorporation or Organization**, as applicable; or documents governing operation.
- (6) **Certificate of Liability Insurance** indicating proof of coverage of **Professional Liability Insurance** and **General Liability/Public Liability Insurance** - each of no less than \$1,000,000.00 for any one occurrence. The Contractor must provide a **Certificate of Liability Insurance** and **Declaration/Endorsement** pages that indicating that the Government of the Virgin Islands, Department of Education, is as “**certificate holder**” and an “**additional insured**” on the **General Liability/Public Liability Insurance**. The Professional Liability Insurance must cover the services to be provided under the contract.
- (7) Certificate of Government Insurance/Copy of Certificate providing firm/agents are covered by Workers’ Compensation Employee’s Liability.
- (8) System for Award Management (SAM) certifying the Contractor’s’ eligibility to receive contract awards appropriated with federal funds; www.sam.gov.

Please note the above-referenced documents are subject to modification at the Government’s discretion.

Any silence, absence, or omission from the contract specifications concerning any point shall be regarded as meaning that only the best commercial practices are to prevail.

All contractual documents including insurance certificates/policies must be kept updated and maintained throughout the term of the contract



BID

GOVERNMENT OF THE VIRGIN ISLANDS
DEPARTMENT OF EDUCATION

Attachment A: Itemized Bid Sheet

Design-Build

Design-Build of SPED Playground Equipment – Wheel Chair Accessible at the Yvonne E. Milliner-Bowsky Elementary School, Joseph Gomez Elementary School and Ulla F. Muller Elementary School in the St. Thomas/St. John School District

The work to these facilities will be required to be 100% complete by the firm deadline of September 1, 2022.

BASE BID ITEMS

No.	Description	Specifics	Qty.	Units	Unit Price	Total Price
1.	Mobilization -Not more than 10% of the total price					
2.	Design Services – Yvonne E. Milliner-Bowsky Elementary School, Joseph Gomez Elementary School Ulla F. Muller Elementary School -As-built topographic survey of the area to be modified at each school -Design of site plan, foundations/supports, pathways and curb cuts per ADA and Code for all three schools -Obtain the required permit(s) for all three school		1	EACH		
(Note: Site plan must show positive drainage away from the equipment and the playground.)						
	Construction of foundations/supports for the following piece of equipment per manufacturer specifications, ADA and Code: -We-Go-Round - Pulse Tempo - Sway Fun with 12-foot Ramp		2	EACH		

No.	Description	Specifics	Qty.	Units	Unit Price	Total Price
	Construction of curb cuts per the approved plans:		3	EACH		
	Construction of accessible path to the equipment from the playground entrance per the approved plans:		3	EACH		
	Purchase and installation of Electrical box and all electrical components for the following piece of equipment per manufacturer specifications, ADA and Code: - Pulse Tempo		2	EACH		
	Installation of the following equipment, including purchasing and installing all required fasteners/connectors and any necessary equipment/components to accomplish the installation per manufacturer specifications, ADA and Code for all three schools: - We-Go-Round		2	EACH		
	Installation of the following equipment, including purchasing and installing all required fasteners/connectors and any necessary equipment/components to accomplish the installation per manufacturer specifications, ADA and Code for all three schools: - Pulse Tempo		2	EACH		
	Installation of the following equipment, including purchasing and installing all required fasteners/connectors and any necessary equipment/components to accomplish the installation per manufacturer specifications, ADA and Code for all three schools: - Sway Fun with 12-foot Ramp		2	EACH		
	Clearing of brush and rocks from playground		3	EACH		
	Installation of grass sod in playground with a neat workmanlike finish. Water the sod for two weeks to ensure successful outcome		3	EACH		
LUMP SUM COST of Construction for completing entire project WITHOUT ALTERNATES:						\$ _____

No.	Description	Specifics	Qty.	Units	Unit Price	Total Price
<p>Certified Correct:</p> <hr/> <p>(Licensed Contractor's Signature) (Date)</p> <hr/> <p>(Company)</p> <hr/> <p>(Address)</p>						

NOTES

THE FOLLOWING LANGUAGE SHALL BE DEEMED INSERTED INTO THE CONTRACT.

1. CONTRACTOR SHALL ADHERE TO ALL DEPARTMENT AND PROCUREMENT'S STANDARD BID FORM REQUIREMENTS ESTABLISHED FOR THE VIRGIN ISLANDS GOVERNMENT'S STANDARD GENERAL CONSTRUCTION CONTRACTS.
2. CONTRACTOR'S BID SHALL BE DISQUALIFIED IF ITEMIZED BID SHEET IS NOT FULLY COMPLETED WITH BOTH UNIT PRICE AND TOTAL PRICE.
3. THE QUANTITIES NOTED ABOVE ARE NOT NECESSARILY EXACT, AND THE ITEMS NOTED DO NOT NECESSARILY MAKE UP ALL THE WORK REQUIRED, OR NOTED IN THE SPECIFICATIONS AND DRAWINGS, FOR THE COMPLETE CONSTRUCTION AND PROPER OPERATION OF THE PROJECT. THE ITEMS NOTED, WILL BE USED IN ESTABLISHING IF THE COST, WHICH ARE BEING SUBMITTED BY THE BIDDER, ARE WITHIN THE CURRENT ACCEPTABLE PRICES BEING USED IN THE U.S. VIRGIN ISLANDS CONSTRUCTION MARKET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A TOTAL LUMP SUM COST FOR THE COMPLETE CONSTRUCTION OF THE PROJECT.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH EXACT QUANTITIES BASED ON DOCUMENTS ISSUED AND SITE VISITS CARRIED OUT, FOR A TOTAL LUMP SUM COST TO CONSTRUCT THE PROJECT.
5. ADD ALTERNATES SHALL NOT BE INCLUDED IN THE TOTAL LUMP SUM COST OF CONSTRUCTION. THE ADD ALTERNATE ITEMS ARE FOR UTILIZATION IN THE EVENT THAT ADDITIONAL WORK OR ADJUSTMENT OF THE CONTRACTED WORK IS REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.
6. ALL PRICES BEING SUBMITTED FOR WORK TO BE DONE SHALL INCLUDE THE CONTRACTOR'S OVERHEAD TAXES AND PROFIT ALONG WITH ALL COSTS FOR MATERIALS, EQUIPMENT AND MANPOWER NECESSARY TO FACILITATE PROPER, SAFE, AND TIMELY COMPLETION OF THE PROJECT.
7. UNIT PRICES SUBMITTED ON THE ITEMIZED BID SHEET SHALL BE UTILIZED FOR ANY CREDITS OR DEBITS TO THE PROJECT; WHICH, IF NECESSARY, SHALL BE ADDRESSED AS A CHANGE ORDER TO THE PROJECT.

ATTACHMENT 1 – A.P.E. MAP FOR ULLA F. MULLER SCHOOL PLAYGROUND

Note: No historic properties have been identified.

Preliminary determination of effect on historic properties: No effect.

(Please ignore the blue ovals.)



ATTACHMENT 2 –PHOTOGRAPHS FOR ULLA F. MULLER SCHOOL PLAYGROUND



ATTACHMENT 4 – A.P.E. MAP FOR JOSEPH GOMEZ SCHOOL PLAYGROUND

Note: No historic properties have been identified.

Preliminary determination of effect on historic properties: No effect.



Helber Hastert & Fee

Joseph Gomez Elementary

Date: 3/8/2013

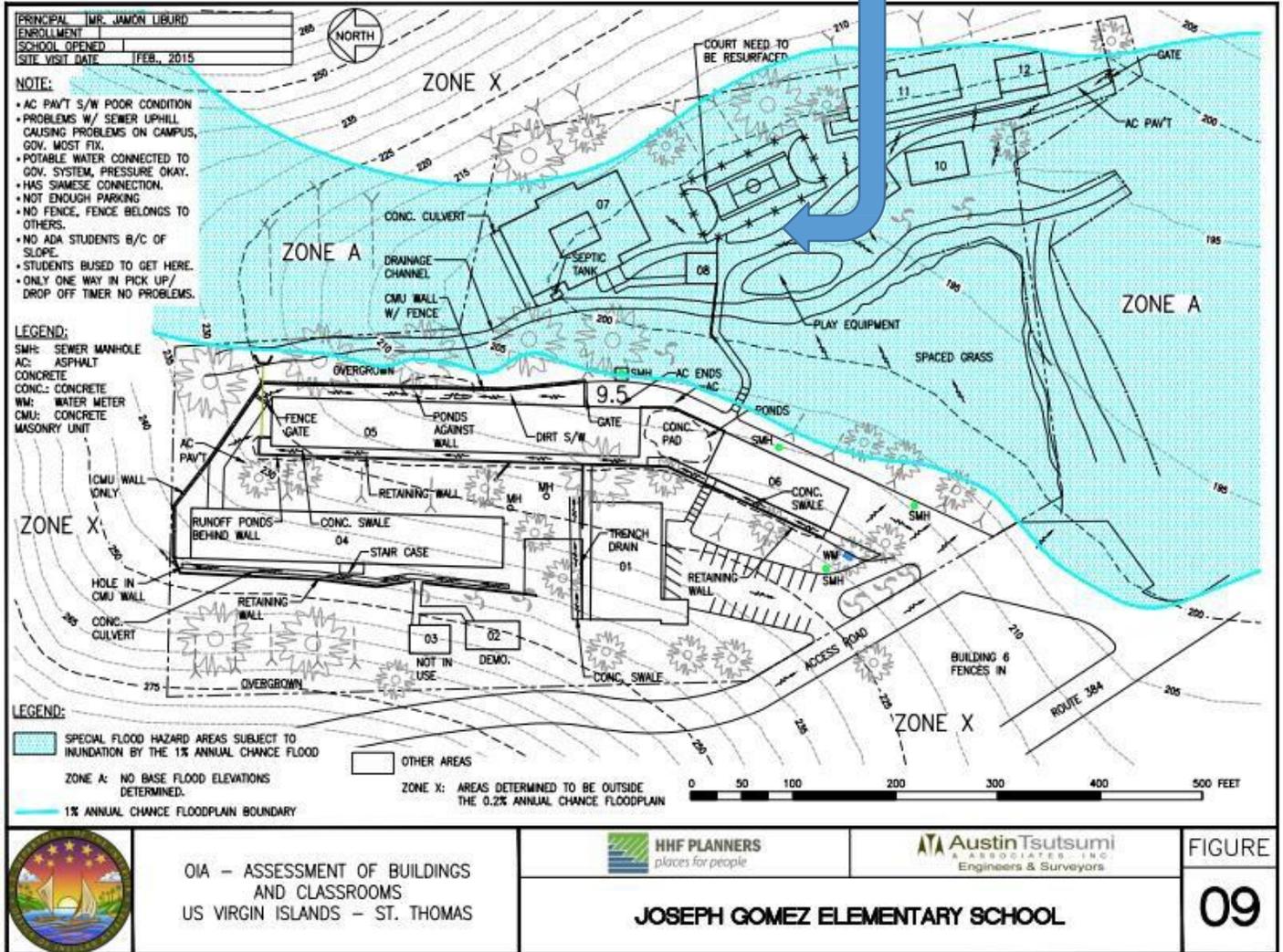


(Please ignore the red oval.)

ATTACHMENT 5 – PHOTOGRAPHS FOR JOSEPH GOMEZ SCHOOL PLAYGROUND



ATTACHMENT 6 – SITE PLAN FOR JOSEPH GOMEZ SCHOOL PLAYGROUND



OIA – ASSESSMENT OF BUILDINGS AND CLASSROOMS
US VIRGIN ISLANDS – ST. THOMAS



JOSEPH GOMEZ ELEMENTARY SCHOOL



FIGURE

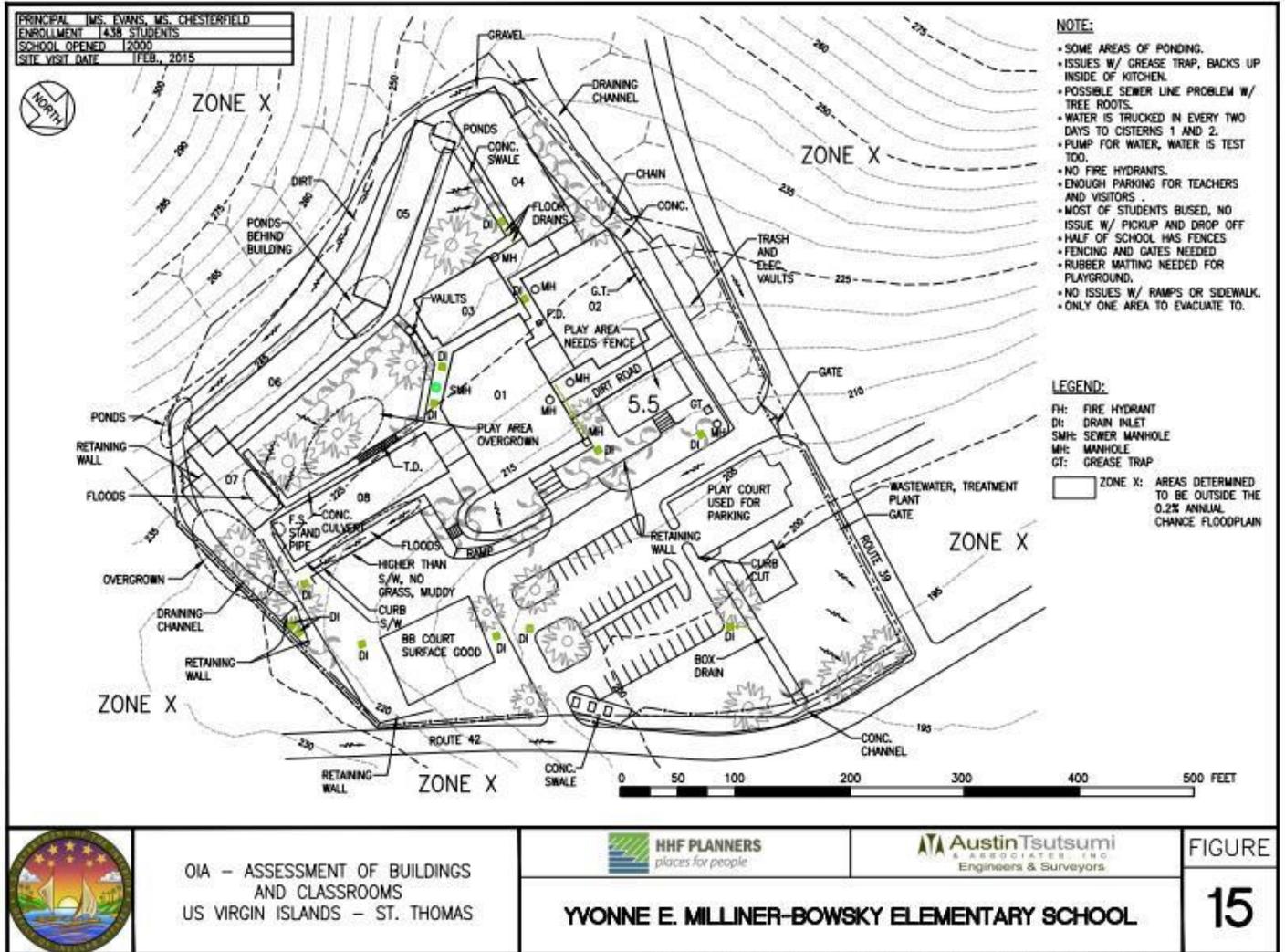
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DISCLAIMER: SITE PLAN FEATURES ARE CONCEPTUAL AND NOT INTENDED FOR DESIGN PURPOSES

ATTACHMENT 8 – PHOTOGRAPHS FOR YVONNE E. MILLINER-BOWSKY SCHOOL PLAYGROUND



ATTACHMENT 9 – SITE PLAN FOR YVONNE E. MILLINER-BOWSKY SCHOOL PLAYGROUND



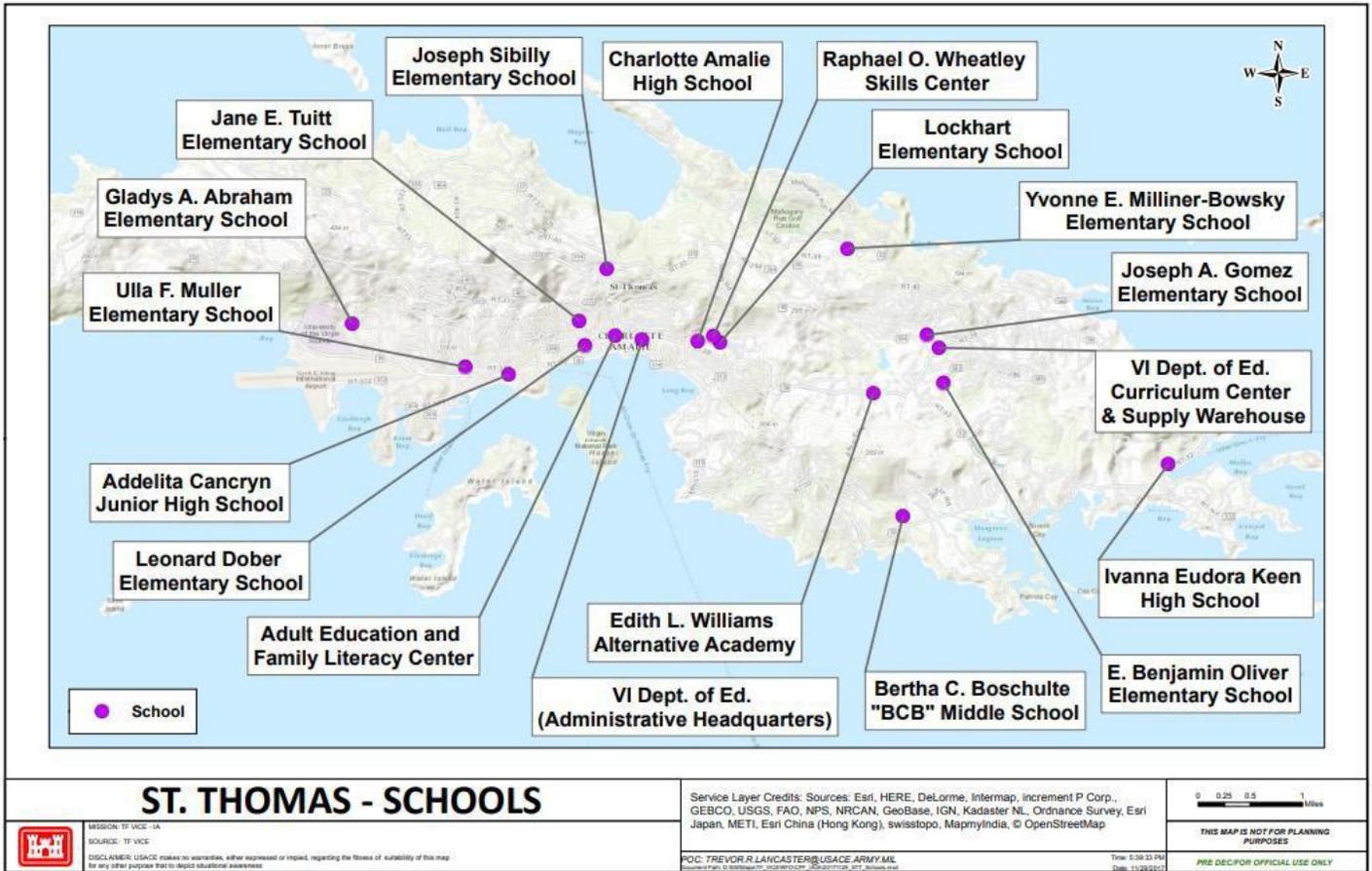
OIA – ASSESSMENT OF BUILDINGS AND CLASSROOMS
 US VIRGIN ISLANDS – ST. THOMAS

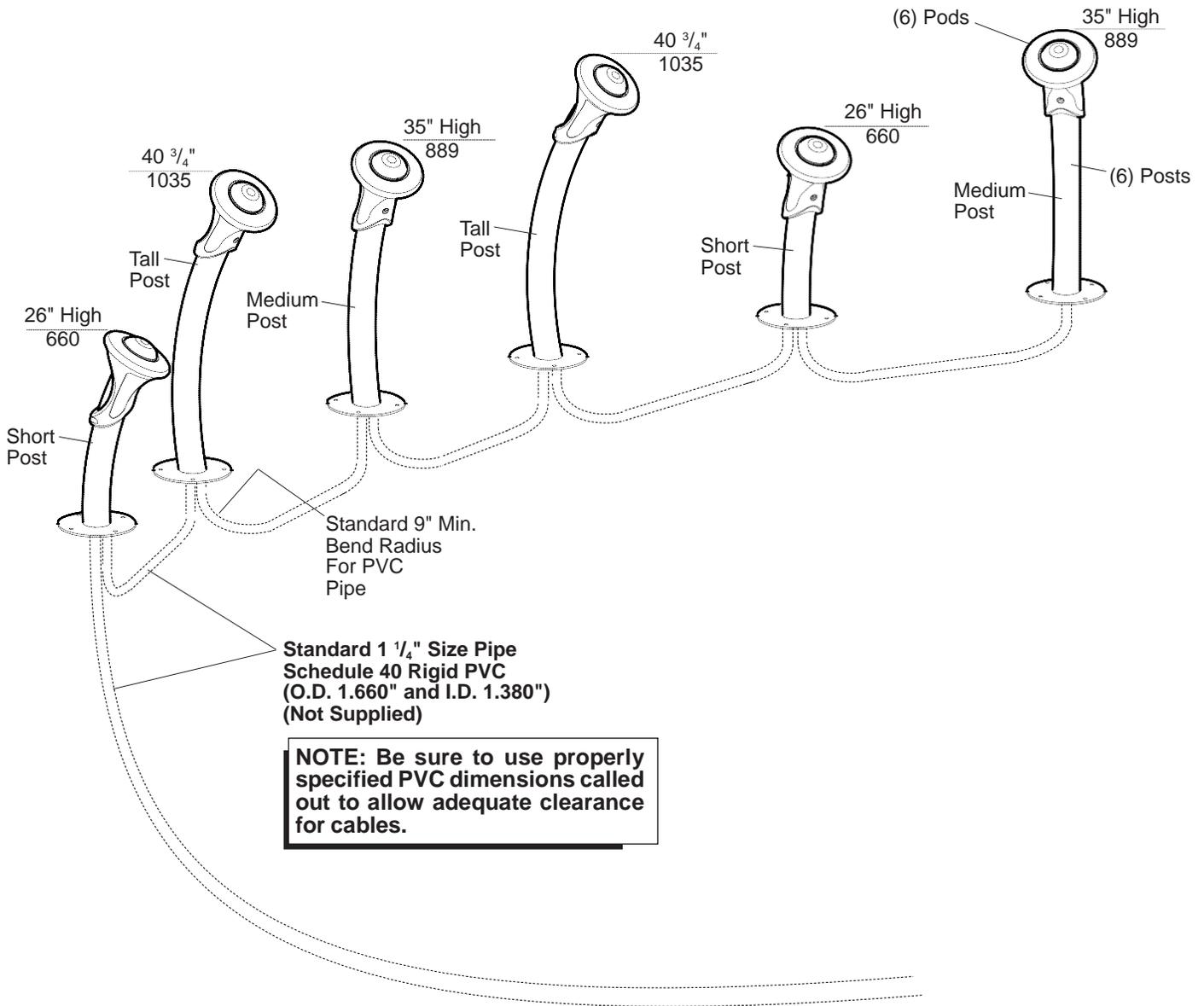


YVONNE E. MILLINER-BOWSKY ELEMENTARY SCHOOL

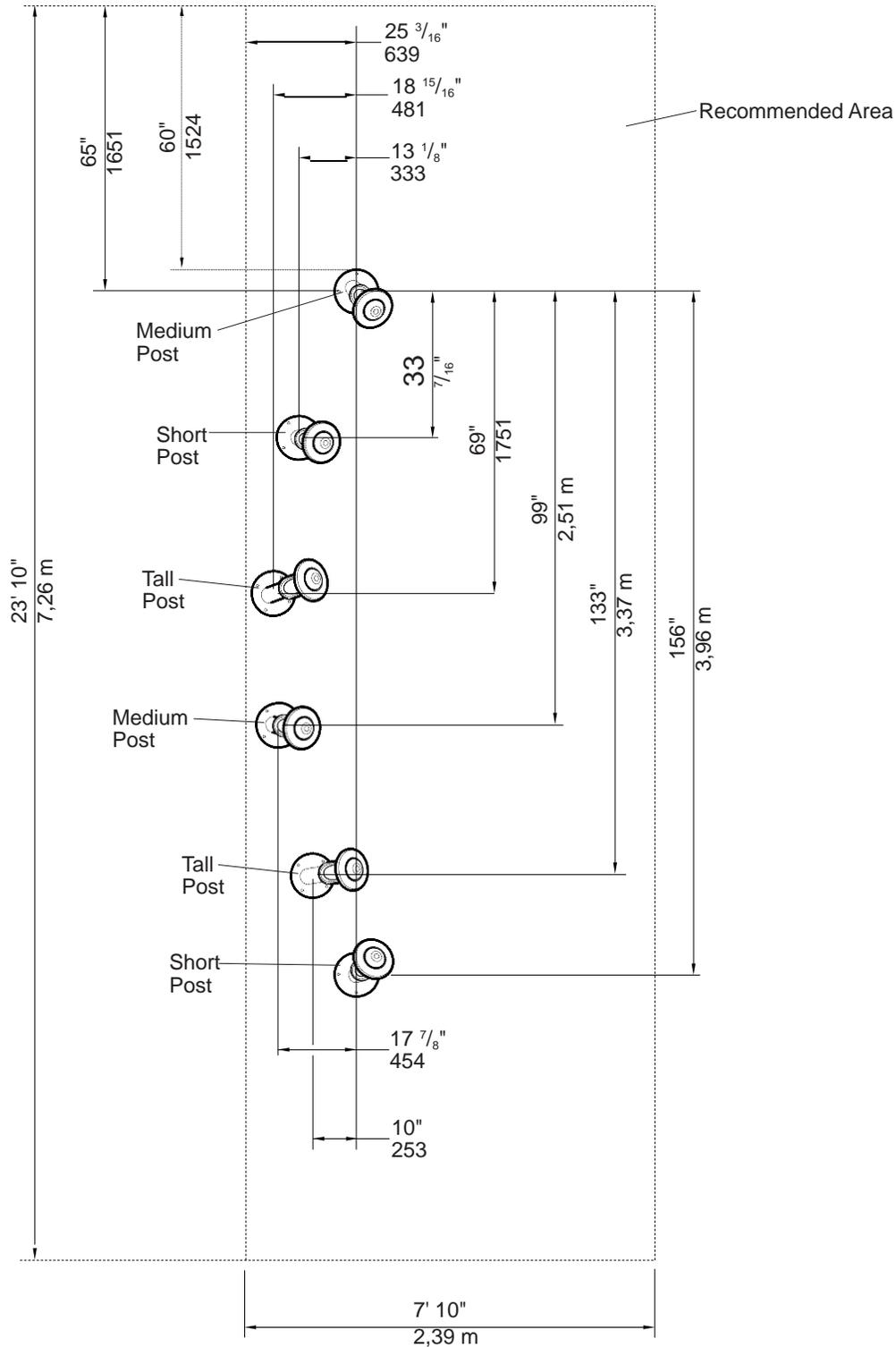
DISCLAIMER: SITE PLAN FEATURES ARE CONCEPTUAL AND NOT INTENDED FOR DESIGN PURPOSES

ATTACHMENT 10 – LOCATION OF ST. THOMAS SCHOOLS





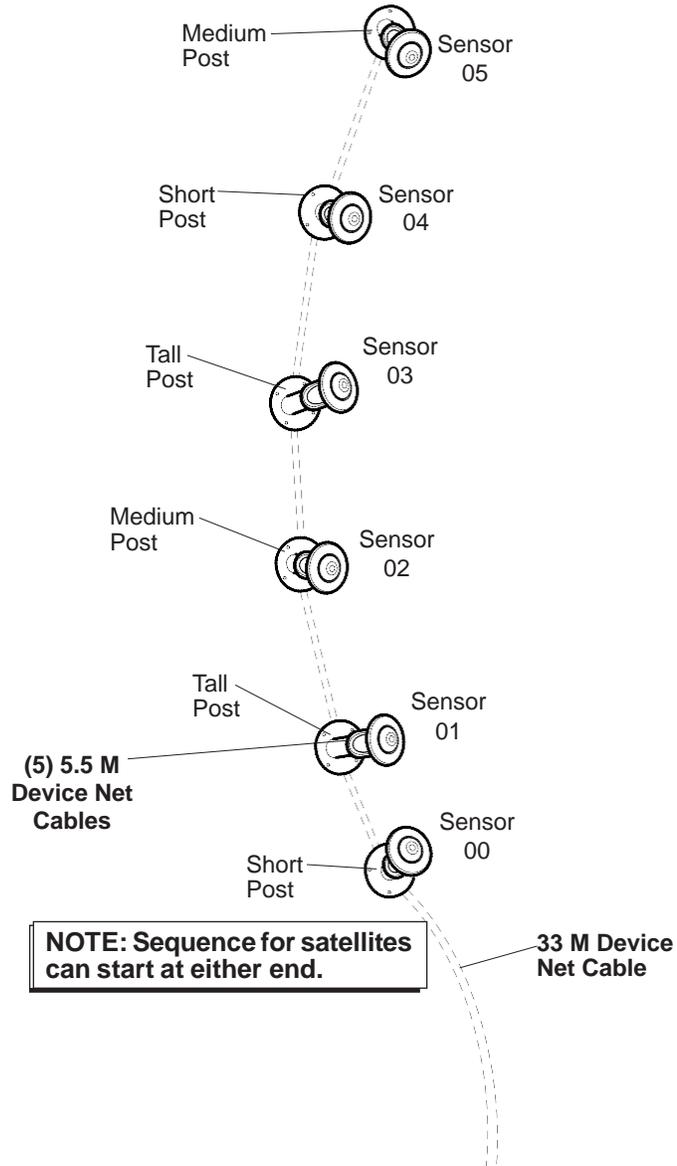
PLAN VIEW



Sensory Play

186569 Pulse™ Tempo

**DETAIL
 SATELLITE SEQUENCE**

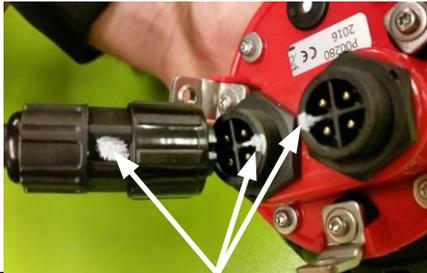


DETAIL
PULSE TEMPO SCHEMATIC



Coil Excess Cable Inside Electrical Box

NOTE: Electrical box measures 16" (406 mm) wide x 20" (508 mm) high x 7" (179 mm) deep.



NOTE: Connectors possess a feature to ensure proper alignment. Use the white alignment marks for proper orientation. Do not force connector in place. Improper orientation will result in system failure and may damage the electronic componentry.



NOTE: Surge protector is not required if voltage is different than 120 volt AC.

NOTE: Make sure o-rings are seated properly in ends of cables before attaching to sensors. Make sure there is only one o-ring seated.

Electrical Box
Integrated Power Supply Unit (IPSU)

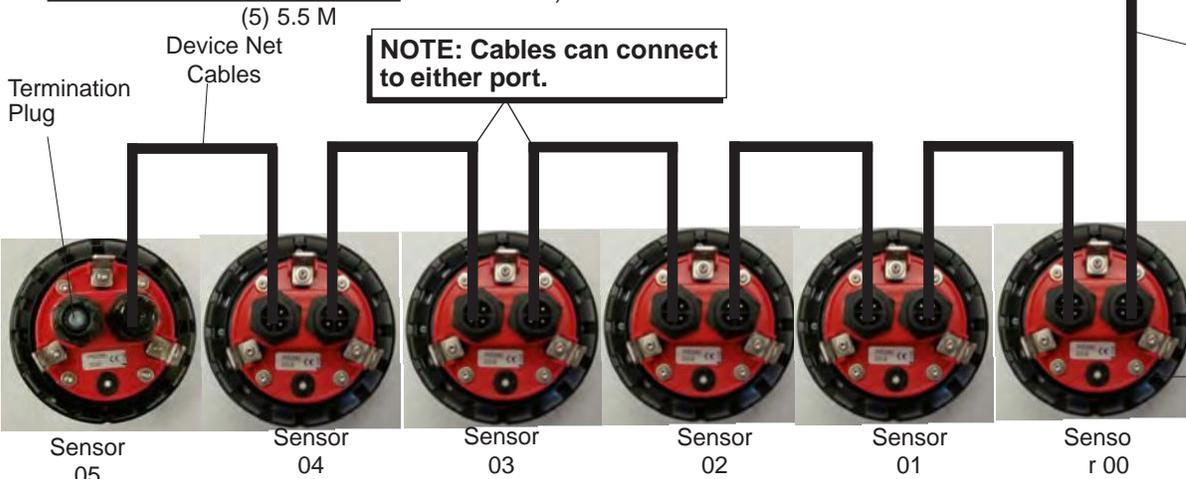
Installer Supplied Outlet

3 Ft. Power Cord

Surge Protector (Input Voltage Range 90-264 VAC)

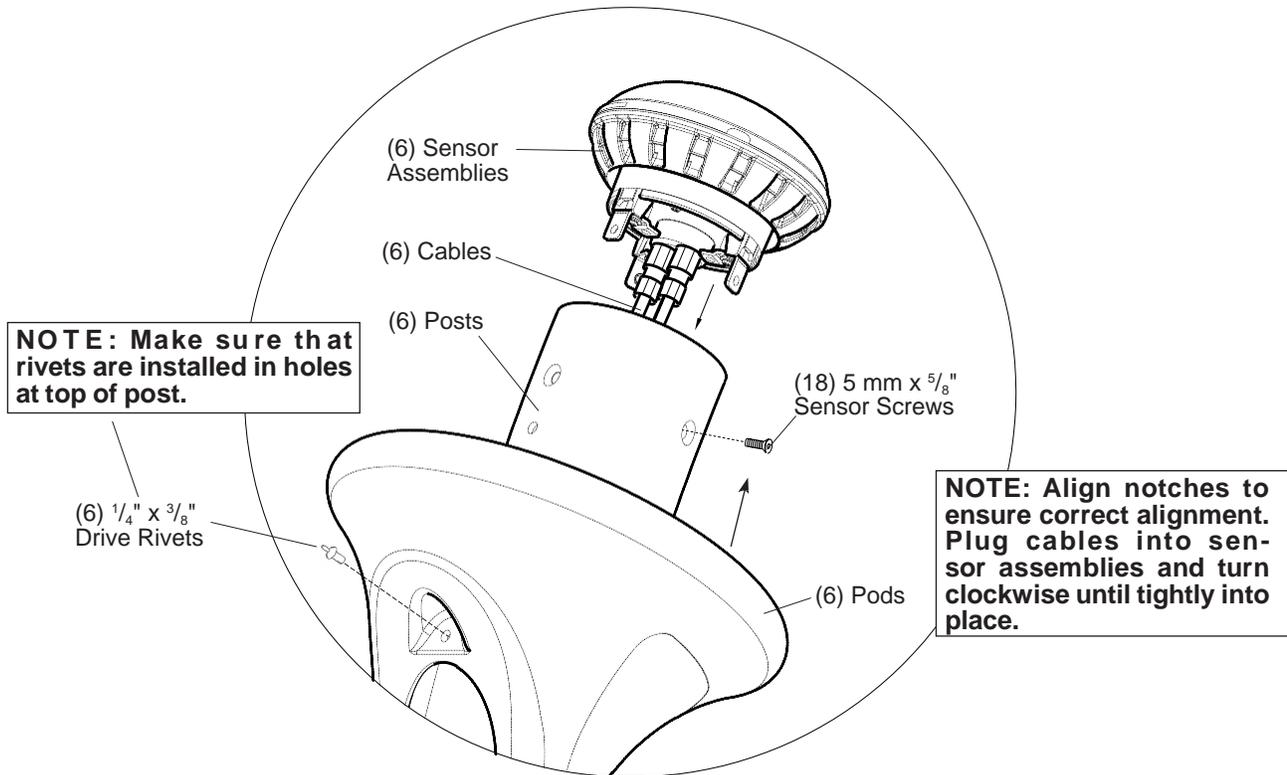


33 M Device Net Cable



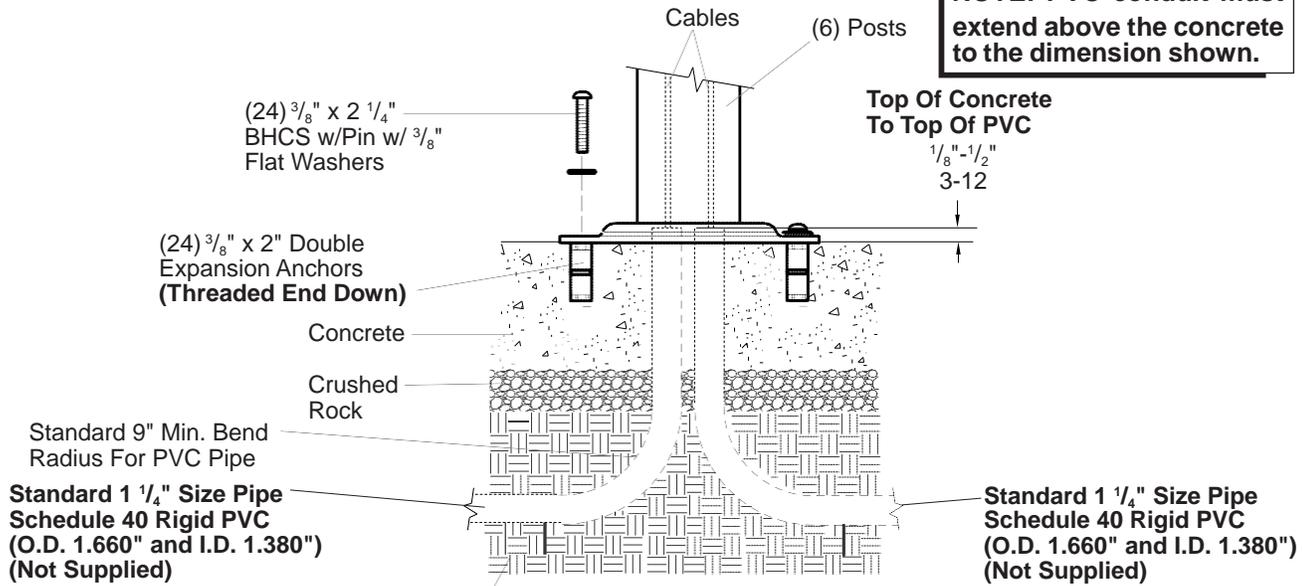
NOTE: Cables can connect to either port.

**DETAIL
POST ASSEMBLY**



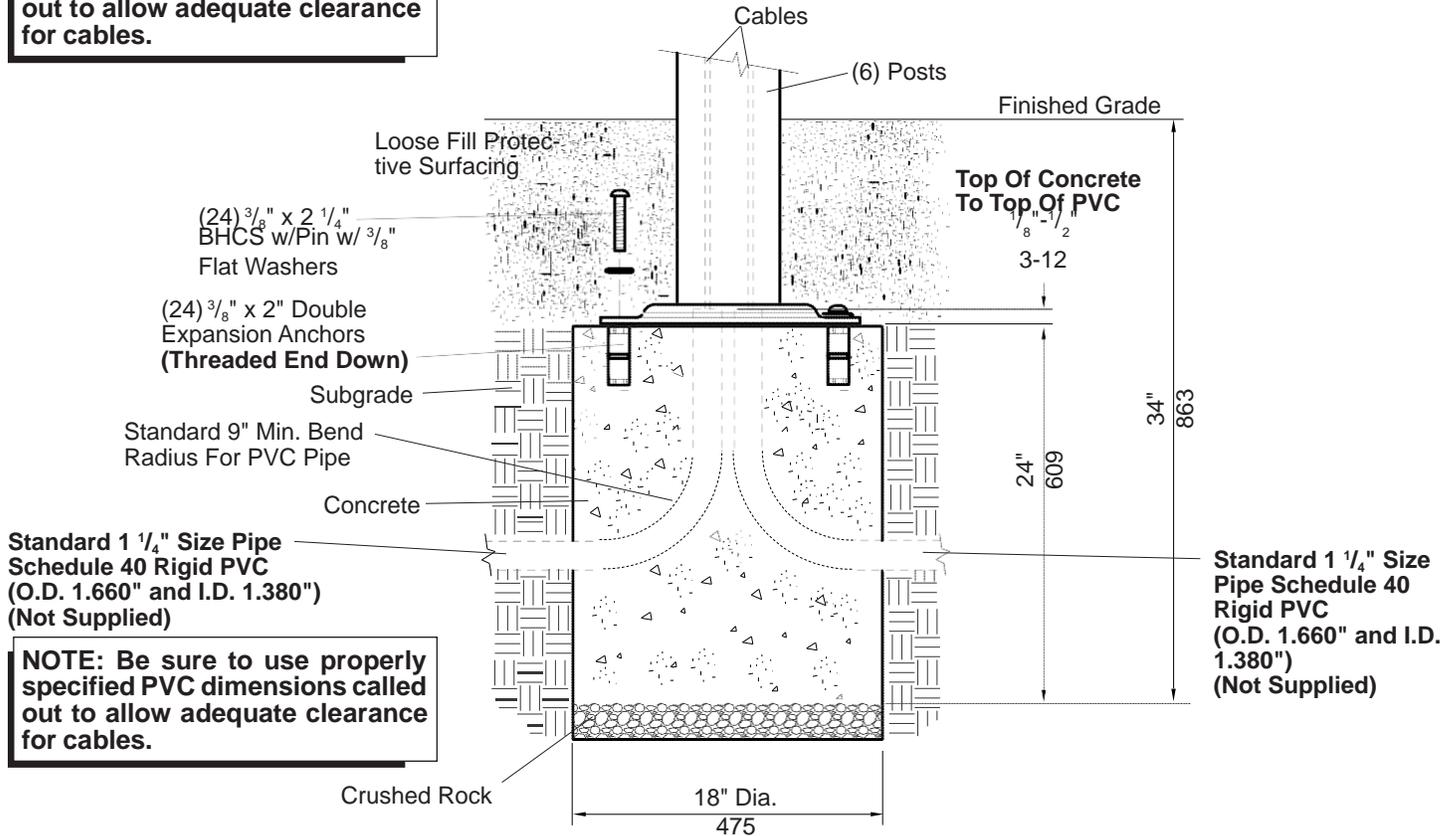
**DETAIL
SURFACE MOUNT**

NOTE: PVC conduit must extend above the concrete to the dimension shown.



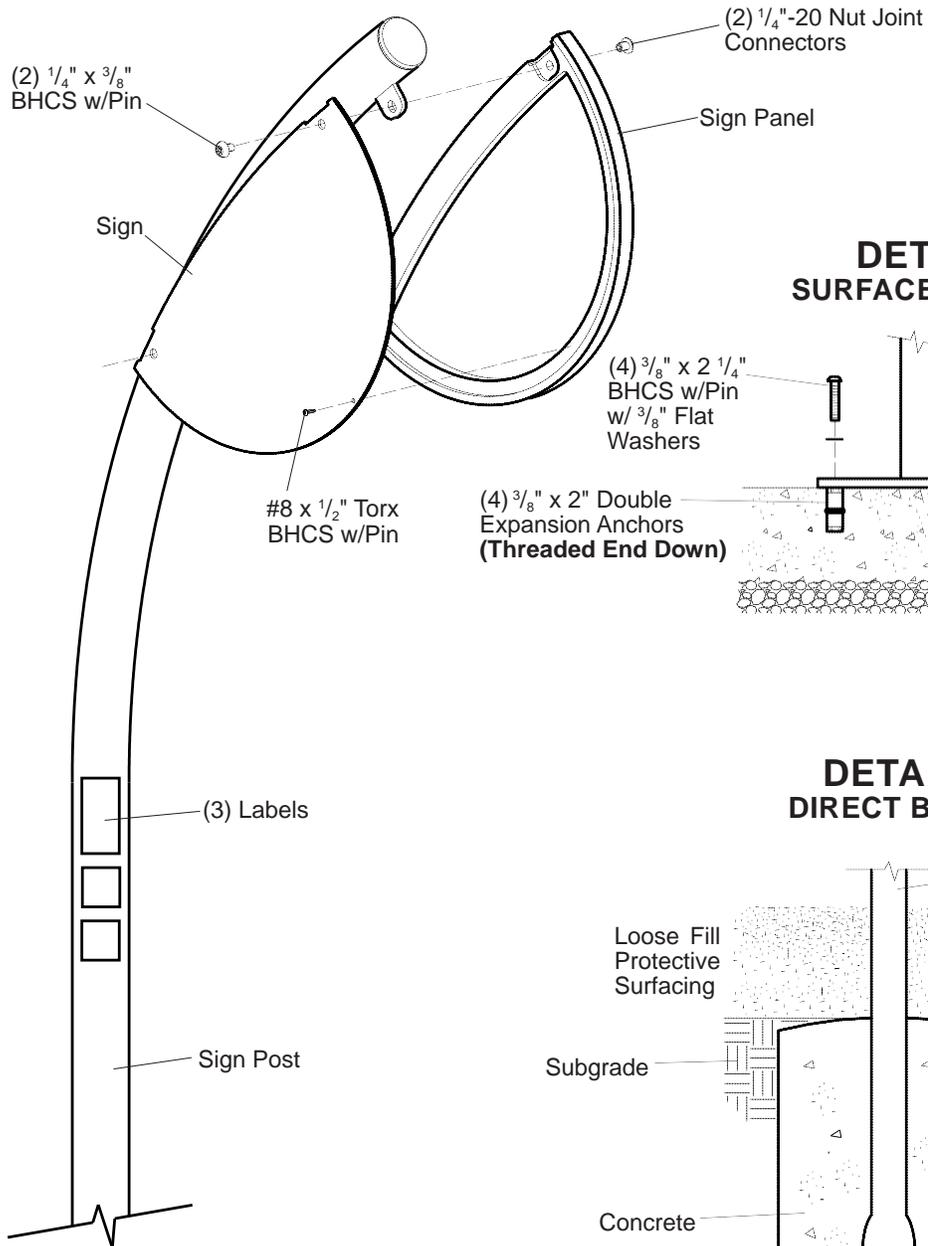
NOTE: Be sure to use properly specified PVC dimensions called out to allow adequate clearance for cables.

**DETAIL
DIRECT BURY**

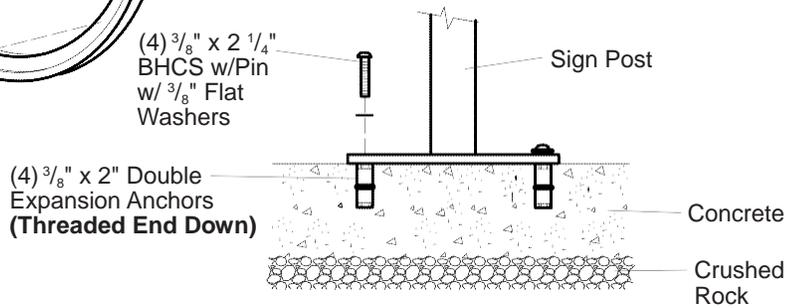


NOTE: Be sure to use properly specified PVC dimensions called out to allow adequate clearance for cables.

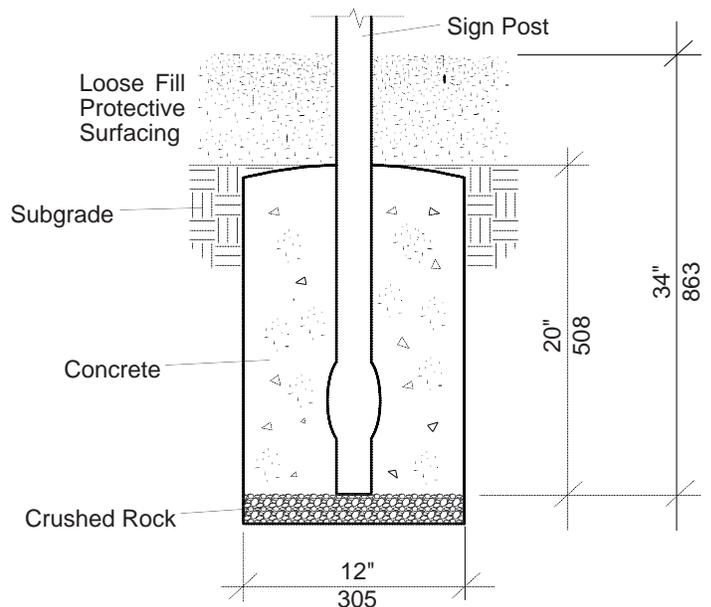
**DETAIL
SIGN ASSEMBLY**



**DETAIL
SURFACE MOUNT**



**DETAIL
DIRECT BURY**





Sensory Play 186569 Pulse™ Tempo

Parts List

Part#	Description	Qty.
184837	Primary Pulse Roto Pod	6
186754	Short Post, (SM), Specify Color.....	2
185461	Medium Post, (SM), Specify Color.....	2
186755	Tall Post, (SM), Specify Color	2
188040	Short Post, (DB), Specify Color.....	2
188041	Medium Post, (DB), Specify Color	2
188042	Tall Post, (DB), Specify Color	2
220225	Pulse Tempo Sign	1
187998	Pulse Sign Panel, Specify Color.....	1
188145	Pulse Sign Post, (SM), Specify Color	1
188148	Pulse Sign Post, (DB), Specify Color.....	1
187999	Tempo Electrical Box Assembly	1
188001	Pulse Elec. Back Panel	1
201870	Hoffman Type 4 Elec. Box	1
188003	Plastic Loop Clamp 7/16"	1
188024	8-32 x 1/2" LG Screw PHMS, SST.....	5
198794	IPSU Tempo Program.....	1
188251	Power Supply Mount.....	1
188872	Single Outlet Surge Suppr.	1
192926	3 Ft. AC Power Cord w/Right Angle.....	1
200765	8/32" x 1/2" SHCS, SST	2
205123	8-32 Hex Nylok Nut, SST	2
187872	Tempo Electrical Kit	1
196126	33 Meter Device Net Cable	1
196127	5.5 Meter Device Net Cable	5
228193	Tempo 5.0 Sensor 00	1
228194	Tempo 5.0 Sensor 01	1
228195	Tempo 5.0 Sensor 02	1
228196	Tempo 5.0 Sensor 03	1
228197	Tempo 5.0 Sensor 04	1
228198	Tempo 5.0 Sensor 05	1
196131	Termination Plug	1
188098	Satellite Screw, 5MM.....	18
188141	Pulse Tempo Hardware Package	1
100611	1/4" x 3/8" Drive Rivet, AL/SST	6
156846	Play Safe Label, 2-12 Years.....	1
182212	Entanglement Warning Label	1
182213	Hot Surface Warning Label	1
126301	1/4-20 Nut Joint Connector.....	2
137277	1/4" x 3/8" BHCS w/Pin, SST	2
168323	#8 x 1/2" Torx BHCS, SST	1
169413	1/4" 6-Lobe T-15 Bit	1
188102	T-25 Torx Bit	1
188103	4-Hole (SM) Hardware Package	7
100199	3/8" x 2 1/4" BHCS w/Pin, SST	28
187933	3/8" x 2" Double Expansion Anchor	28
100362	3/8" Flat Washer, SST	28

DB=Direct Bury
SM=Surface Mount

Specifications

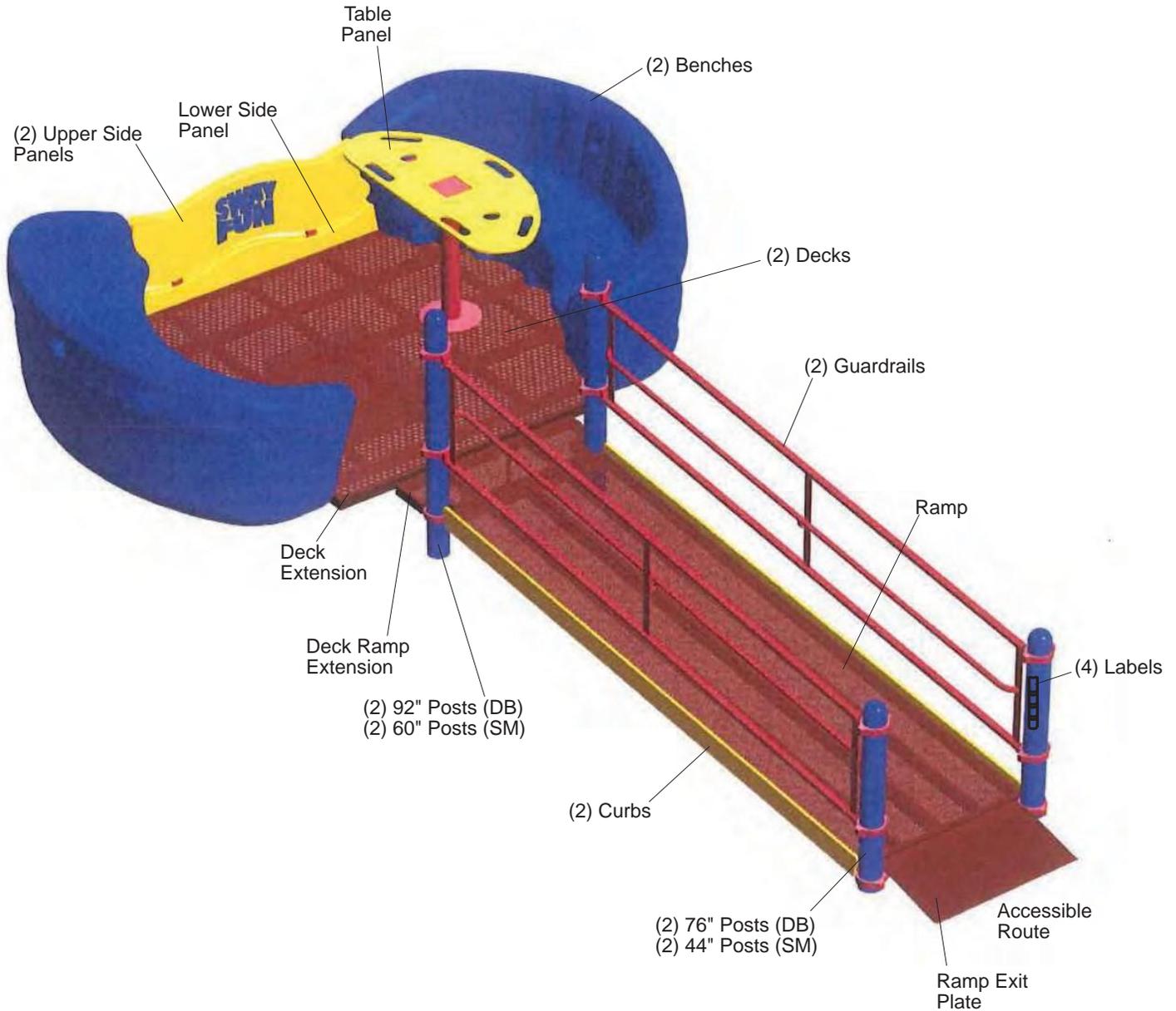
Post:	Weldment comprised of 3 1/2" (88,9 mm) O.D. steel tubing and 1/4" (6,35 mm) HRPO steel sheet. Finish: Proshield®, color specified
Electronics:	Power supply: 90-264 VAC input with 24VDC output encased in a type 12 (NEMA 4) enclosure. Wires carry low voltage and data to shock resistant polycarbonate sensors.
Sign Post:	Weldment comprised of 2.375" (60,33 mm) O.D. RS20 (.095"- .105") (2,41 mm-2,66 mm) wall galvanized steel tubing, 11 GA. (.120") (3,05 mm) HRPO steel sheet and 2 1/4" (57,15 mm) O.D. steel post cap. Finish: Proshield®, color specified
Sign Panel:	Permalene®, color specified
Sign:	3/16" (4,75 mm) Thick aluminum. Finish: Powdercoat. Image is transferred into the powdercoat by the process of infusion.
Pod:	Rotationally molded from U.V. stabilized linear low density polyethylene, color specified
Fasteners:	Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications)
Installation Time:	18 man hours
Concrete:	(DB) Approx. 22.54 cu. ft.
Recommended Area:	7' 10" (2,39 m) x 23' 10" (7,26 m)
Weight:	(DB) 263 lbs. (SM) 231 lbs.

Installation Instructions

- 1) Refer to the Site Plan for post locations.
- 2) **(Direct Bury)** Dig holes for Pulse tempo posts and sign post. Refer to Direct Bury Details.
- 3) Dig trenches for PVC from power source to posts, as shown. Trenches should be deep enough, so when PVC is placed in the trenches, the PVC will be fully covered with subgrade. Refer to Surface Mount and Direct Bury Details.
- 4) Lay PVC in trenches, as shown. Cut PVC to proper length. **NOTE:** PVC needs to extend 1 to 3 inches above concrete, as shown. Refer to Surface Mount and Direct Bury Details.
- 5) Backfill trenches to top of subgrade.
- 6) Attach sign and sign panel to sign post using $\frac{1}{4}$ " x $\frac{3}{8}$ " BHCS w/pin and $\frac{1}{4}$ -20 nut joint connectors. Fasten sign to sign panel using #8 x $\frac{1}{2}$ " Torx BHCS w/pin. Refer to the Sign Assembly Detail.
- 7) **(Direct Bury)** Place sign in footing hole. With sign plumb and turned in proper position, pour concrete footing. Pour concrete in holes for Pulse tempo posts. Refer to Direct Bury Details. **NOTE:** Make sure top of concrete for Pulse tempo posts is level. Allow concrete to cure a minimum of 72 hours.
- 8) **(Surface Mount)** Pour concrete slab. Refer to Surface Mount Details. **NOTE:** Make sure top of concrete is level. Allow concrete to cure a minimum of 72 hours.
- 9) Place Pulse tempo posts over PVC.
- 10) **(Post Anchoring Instructions)** With posts turned in proper position, use a center punch to mark expansion anchor locations.

Move posts aside and drill $\frac{3}{4}$ " x $2\frac{1}{4}$ " deep holes into concrete, using a hammer drill and $\frac{3}{4}$ " masonry bit. **NOTE:** Drill holes perpendicular to the work surface. To assure full holding power, do not ream holes or allow the drill to wobble. Verify hole depth after drilling. Clean holes using compressed air.

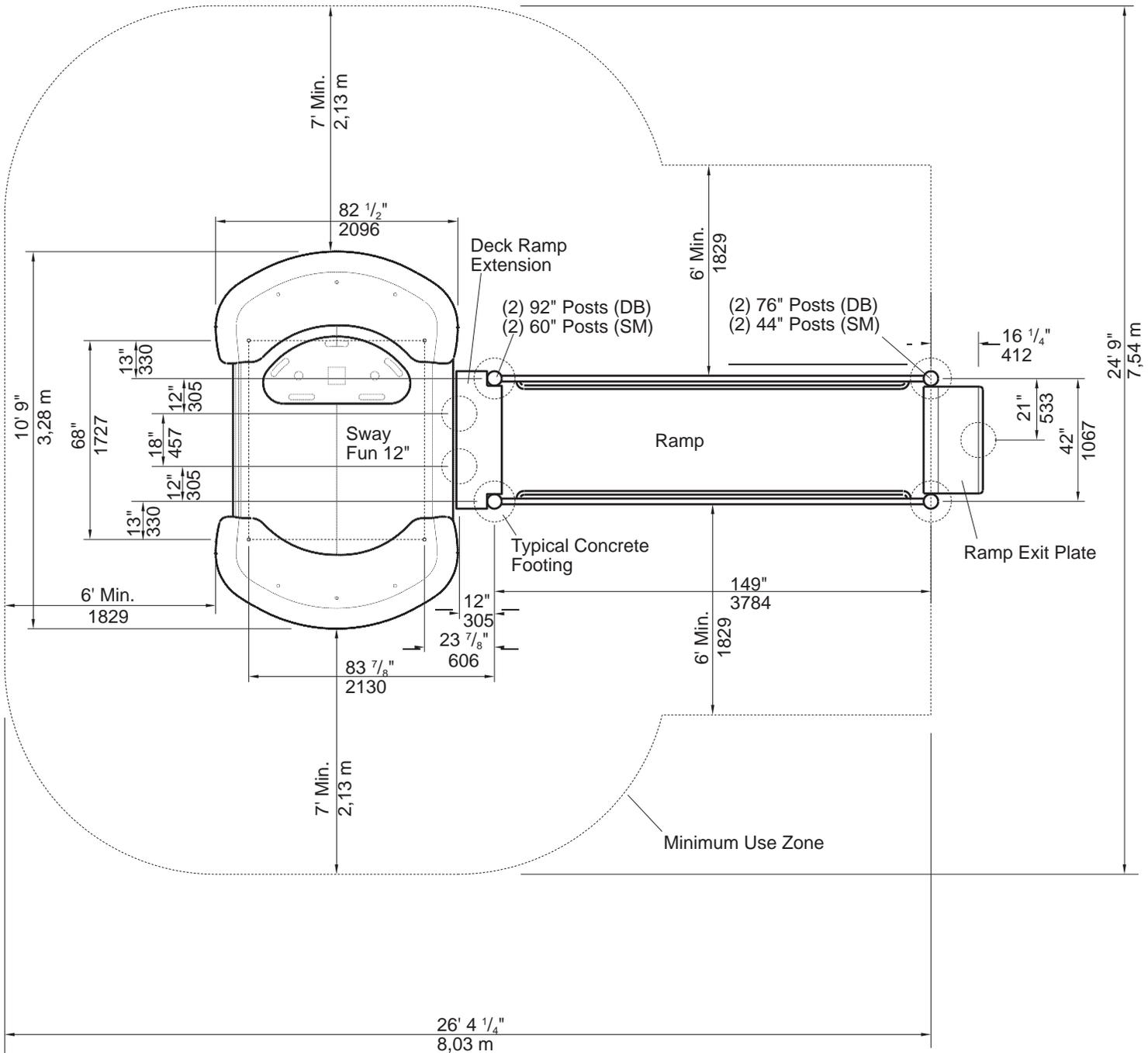
Tap double expansion anchors (**with threaded end down**) into drilled holes. Reposition posts. Fasten posts to expansion anchors, using $\frac{3}{8}$ " x $2\frac{1}{4}$ " BHCS w/pin and $\frac{3}{8}$ " flat washers.
- 11) Place pods onto posts.
- 12) **(Instructions For Pulling Cables)** Use a fish tape (not supplied) and tie wraps (not supplied) to pull cables through PVC and posts. Feed the fish tape through the PVC. Use a tie wrap to connect cable to fish tape. Pull the fish tape through the PVC and posts
- 13) Align notches to ensure correct alignment. Plug cables into sensor assemblies and turn clockwise until tightly into place. Refer to the Pulse Tempo Schematic and Post Assembly Details.
- 14) When cables have been plugged into all sensor assemblies, attach sensor assemblies to posts using 5 mm x $\frac{5}{8}$ " sensor screws. Refer to the Post Assembly Detail.
- 15) Align notches to ensure correct alignment. Plug device net cable into power source and turn clockwise until tightly into place.
- 16) Line up holes in pods with holes in posts. Insert $\frac{1}{4}$ " x $\frac{3}{8}$ " drive rivets and hammer rivet pins in until flush with head. Refer to the Post Assembly Detail.
- 17) Apply Play Safe and warning labels to sign post, as shown.
- 18) **(Direct Bury)** Install loose fil .
- 19) Volume adjustment for Pulse (volume from LSI is set to 100%).
 - a) Turn off the system.
 - b) Turn on the system.
 - c) Wait until the system has started the game.
 - d) Touch and hold sensor 00 - not later than 30 seconds after the game has started. Please ignore the fact that the game continues during phase 4 (this resets the volume at about 25%).
 - e) Sensor 00 will gradually turn red and when full it will respond "set volume" - release hand from sensor 00 (approx. 5 seconds before it will respond).
 - f) Touch sensor 00 for volume adjustment.
 - g) For each touch on sensor 00 a sound will be played and volume level will be indicated on the sensor.
 - h) When the preferred volume has been reached sensor 00 must be touched for storage or wait 5 seconds.
 - i) Volume has been adjusted.



Sensory Play 177140 Sway Fun® , 12" High w/Ramp, Guardrails & Curbs

601 7TH STREET SOUTH, DELANO, MINNESOTA 55328-8605 888-574-4678 LSI Install Help 888-438-6574 LSI Direct 763-972-5200 Int. FAX (763) 972-3185

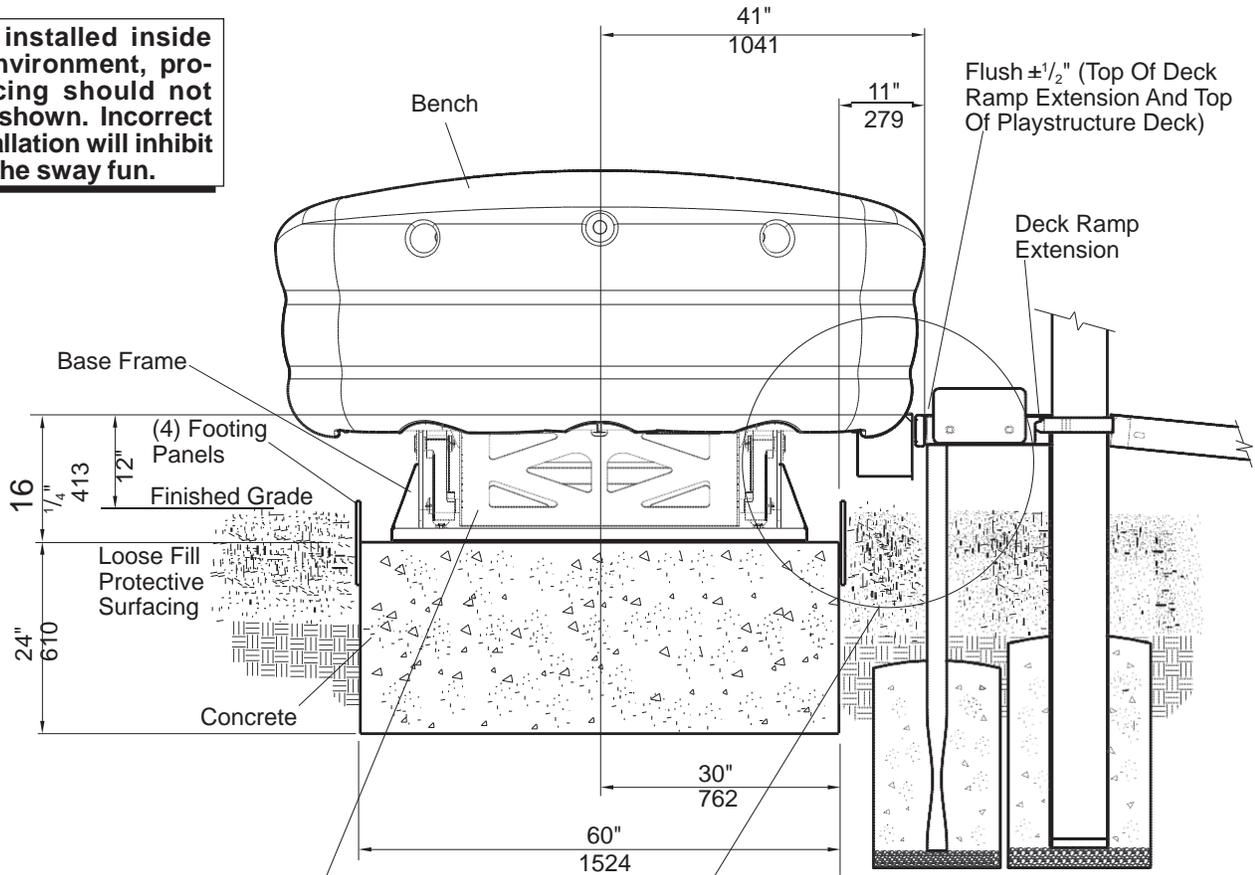
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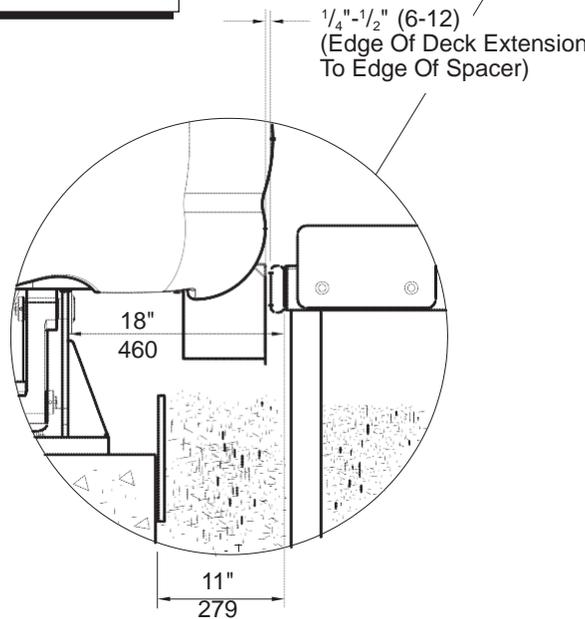
Sensory Play

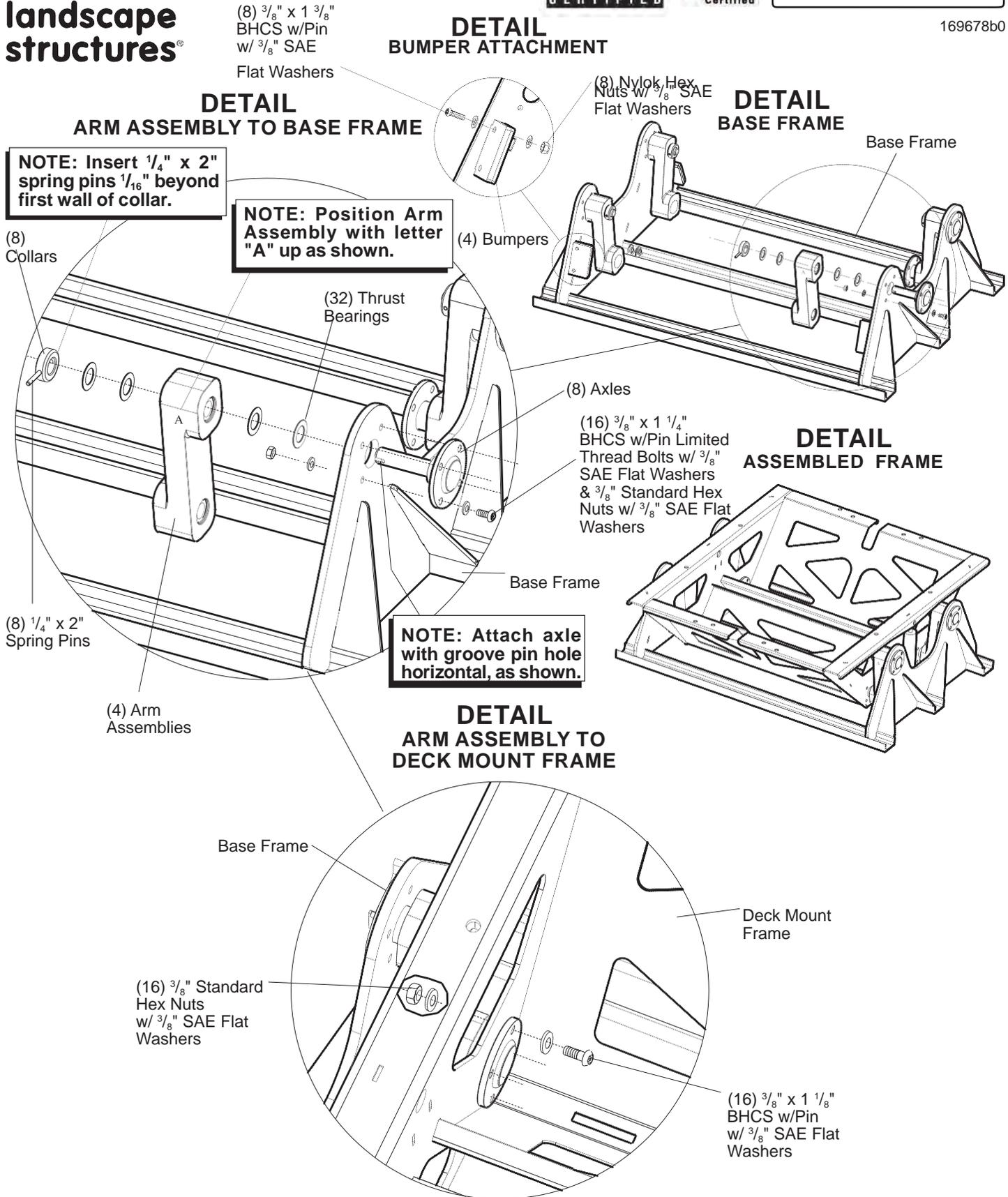
Plan View/Footing Layout

NOTE: When installed inside playground environment, protective surfacing should not exceed height shown. Incorrect surfacing installation will inhibit the motion of the sway fun.

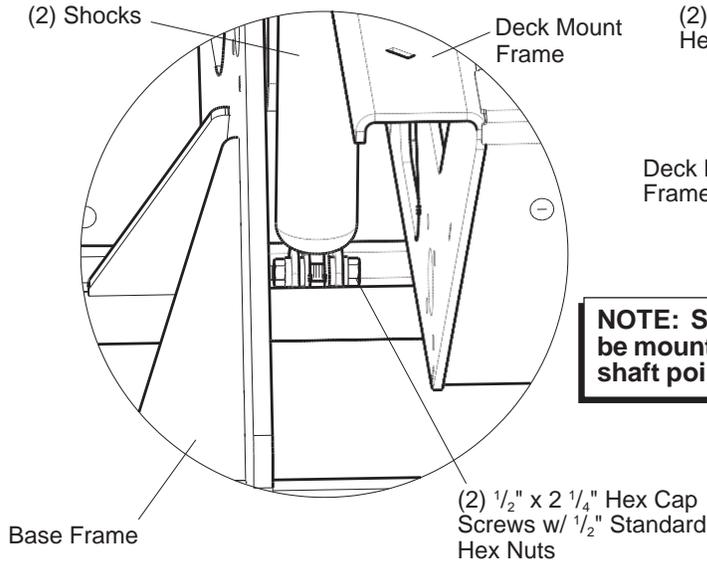


NOTE: (2) Footing panels were pictorially removed for clarity.

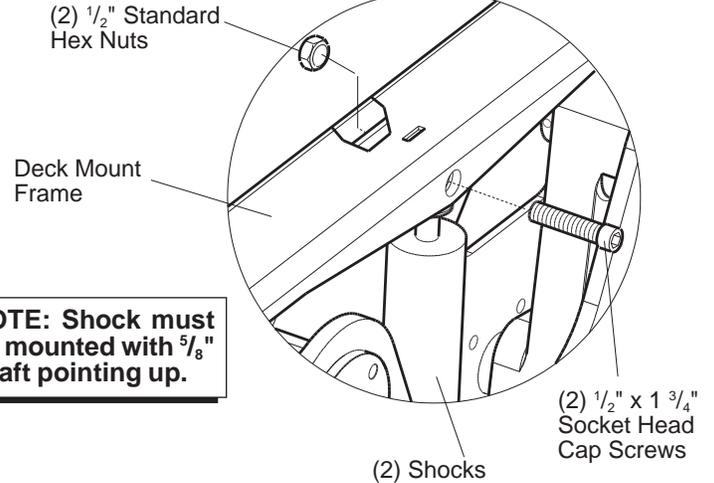




**DETAIL
SHOCK TO FRAME ATTACHMENT
(BOTTOM)**

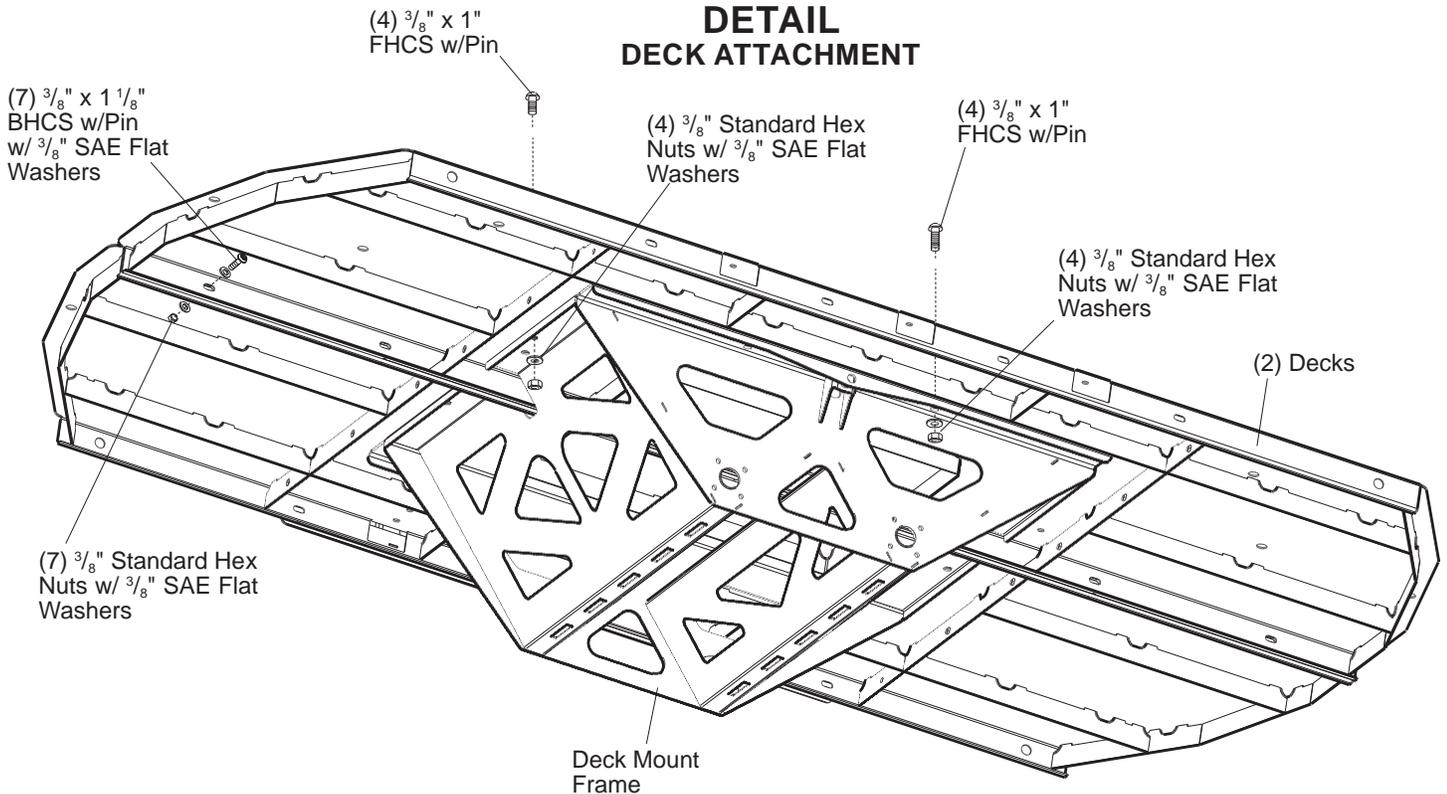


**DETAIL
SHOCK TO FRAME ATTACHMENT
(TOP)**

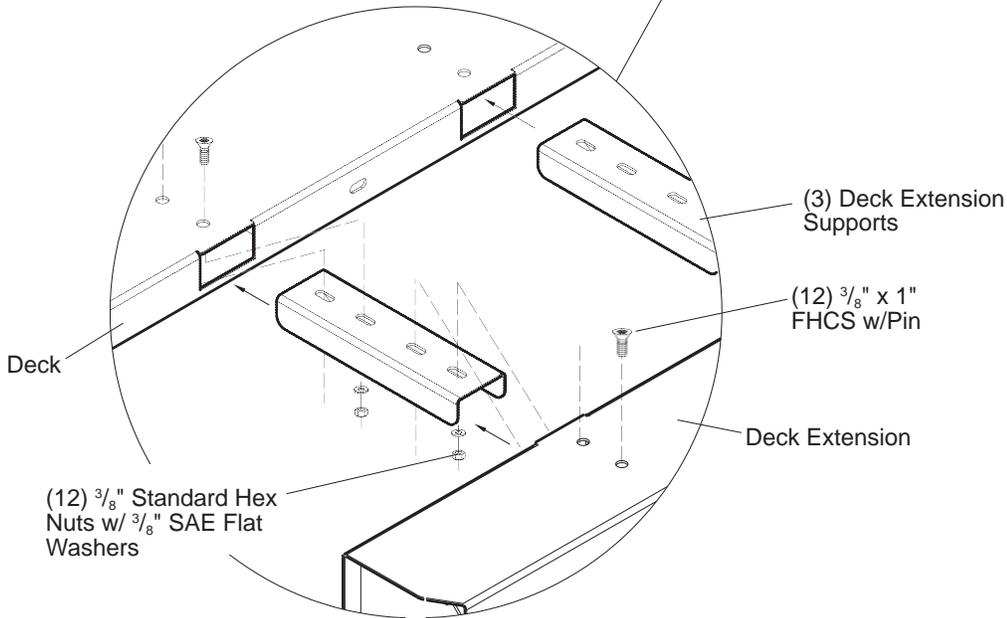
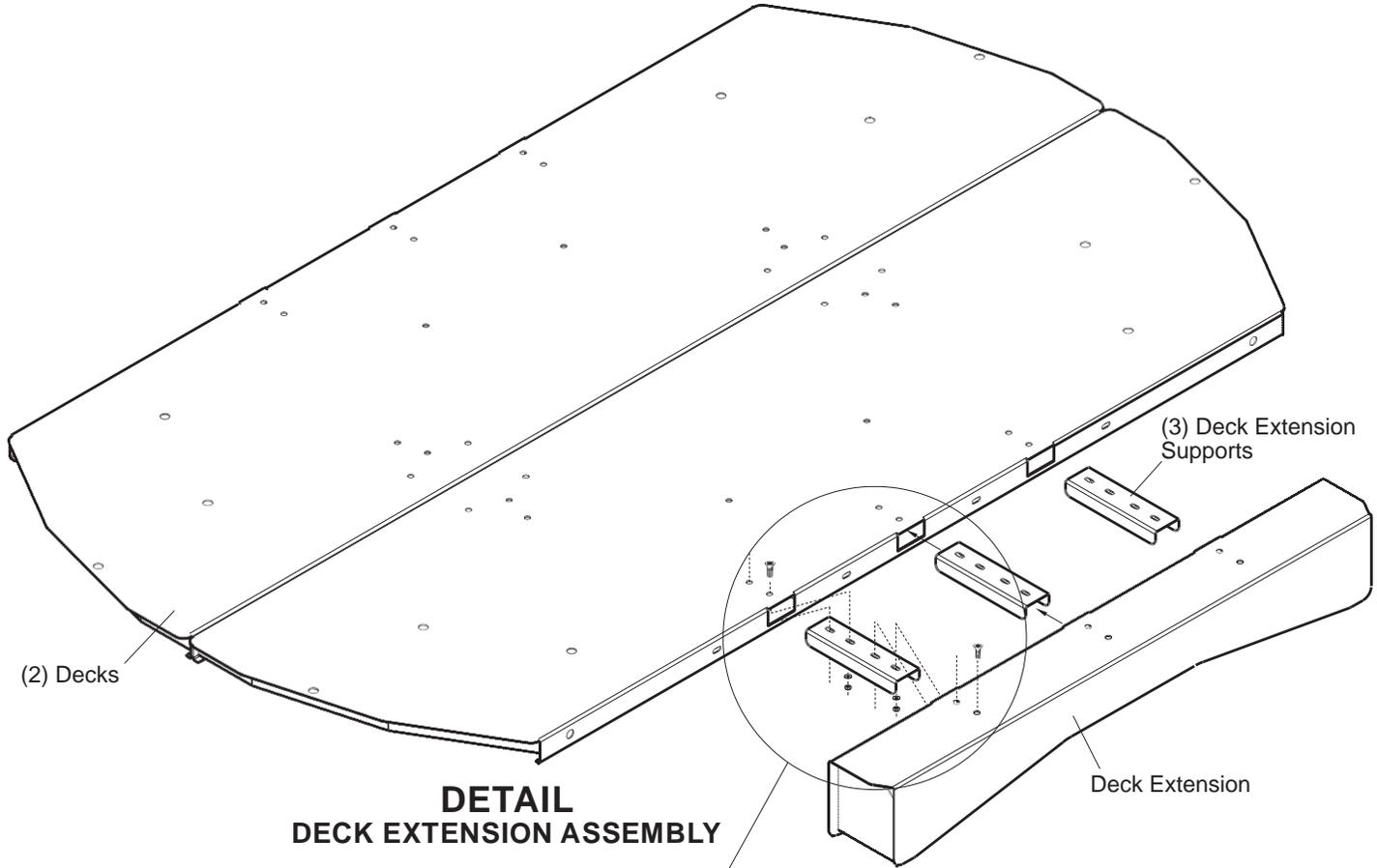


NOTE: Shock must be mounted with 5/8\"/>

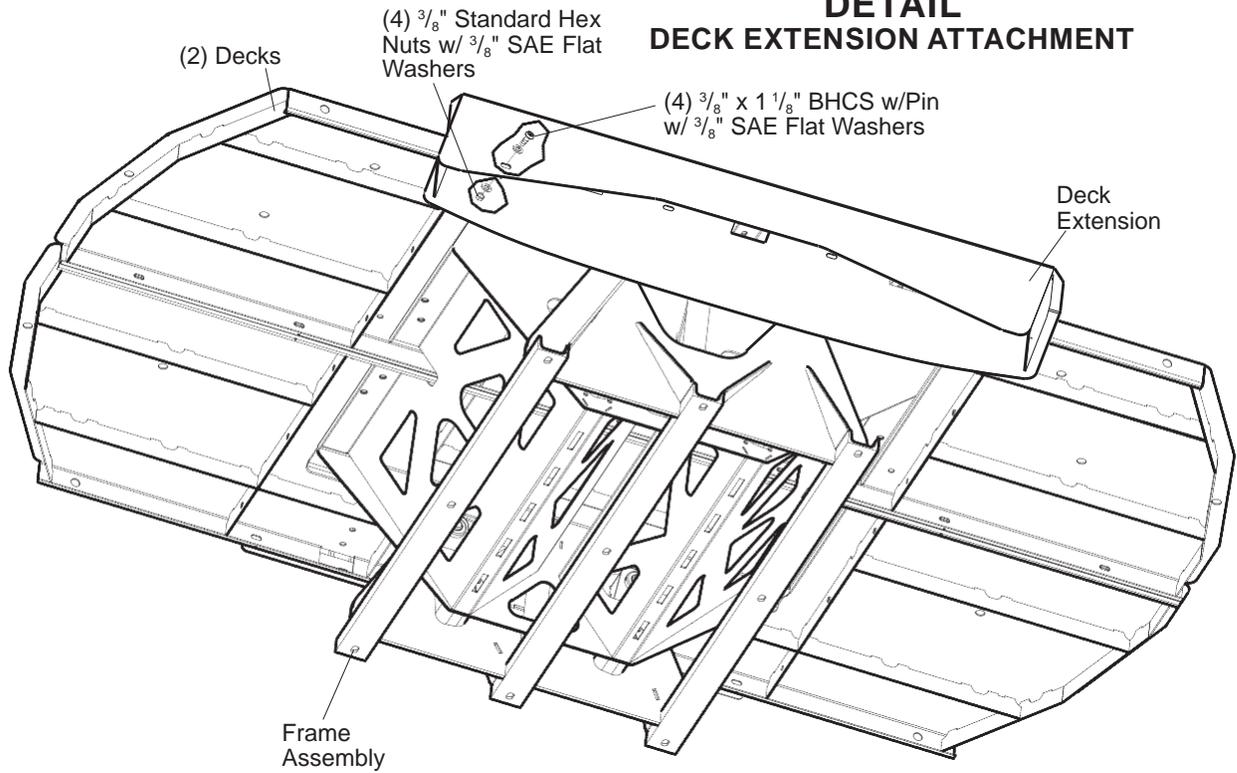
**DETAIL
DECK ATTACHMENT**



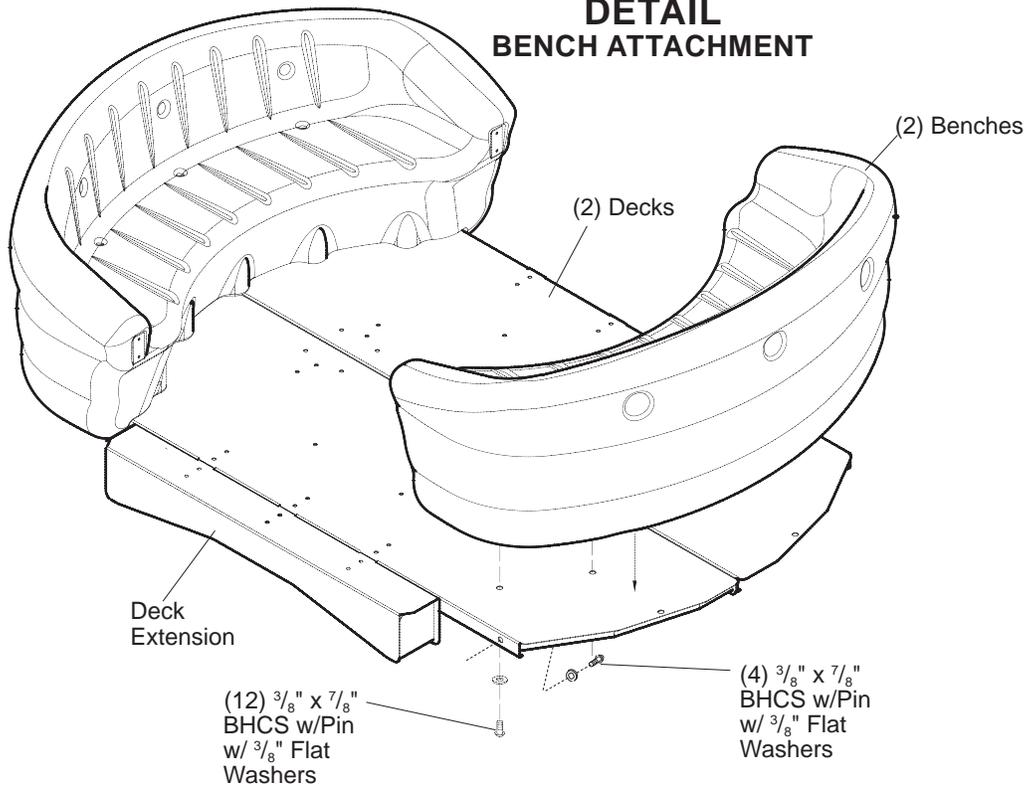
NOTE: Shown without Base Frame for clarity.



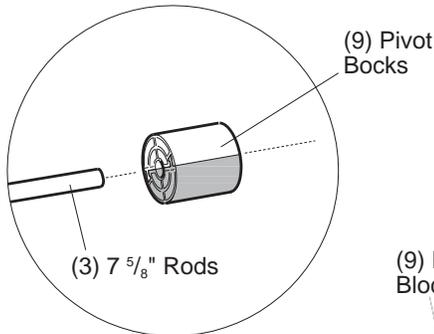
**DETAIL
DECK EXTENSION ATTACHMENT**



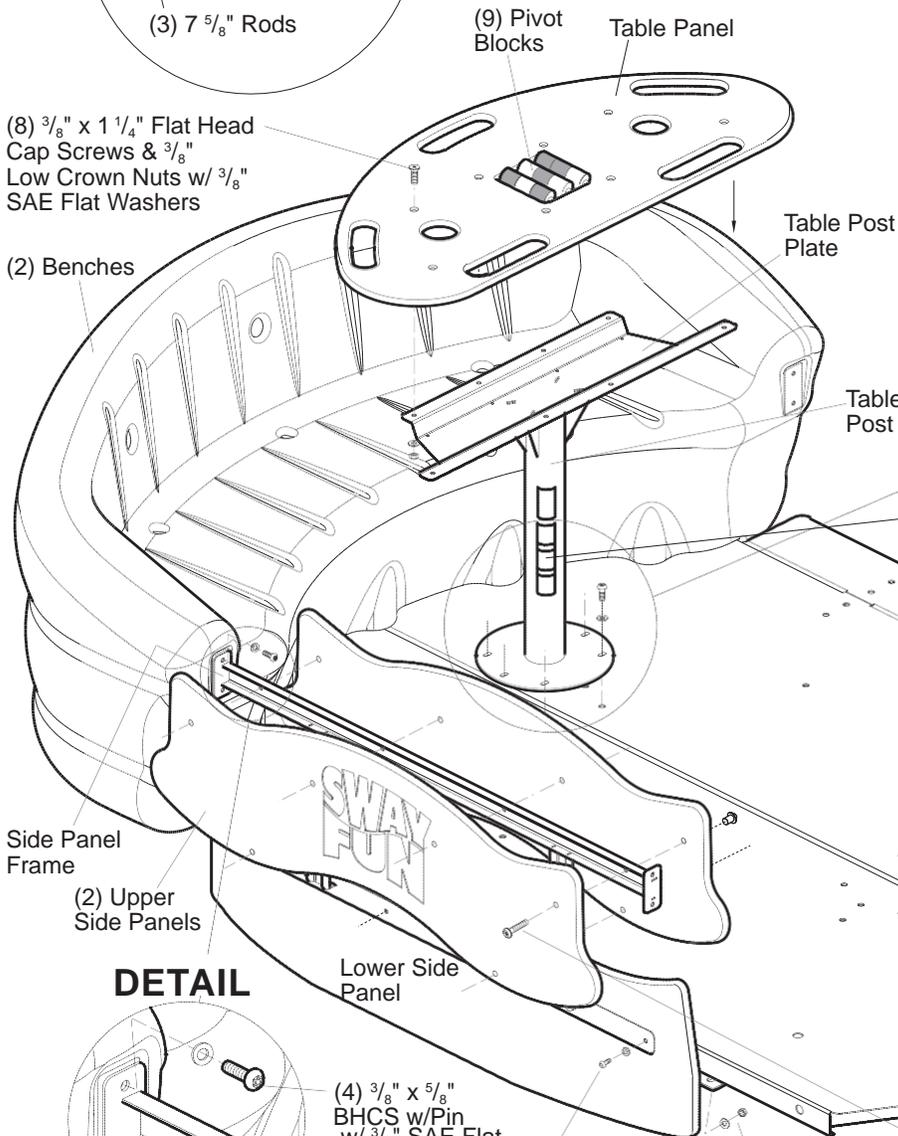
**DETAIL
BENCH ATTACHMENT**



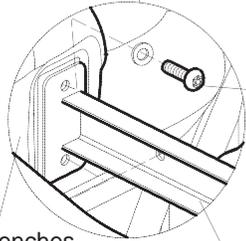
**DETAIL
PIVOT BLOCK ASSEMBLY**



**DETAIL
TABLE /SIDE PANELS**

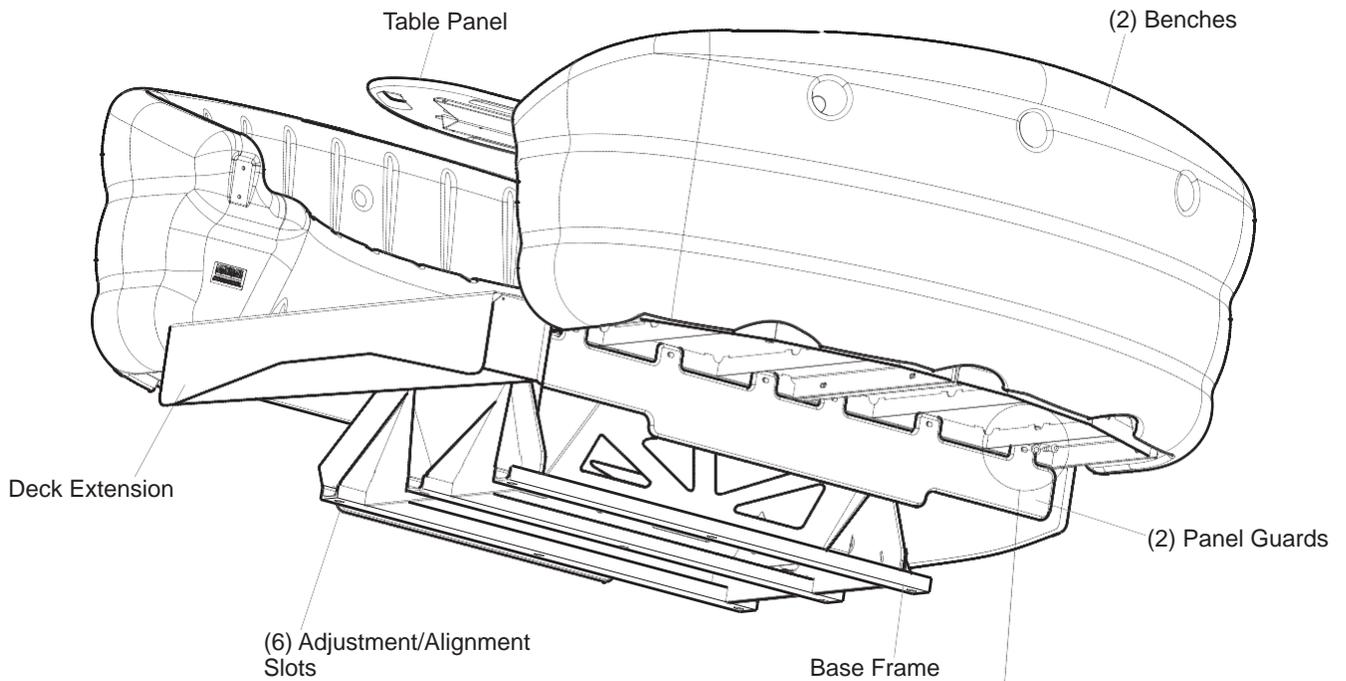


DETAIL

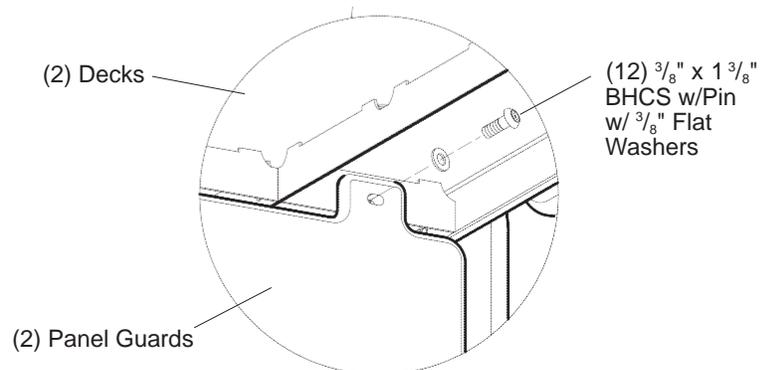


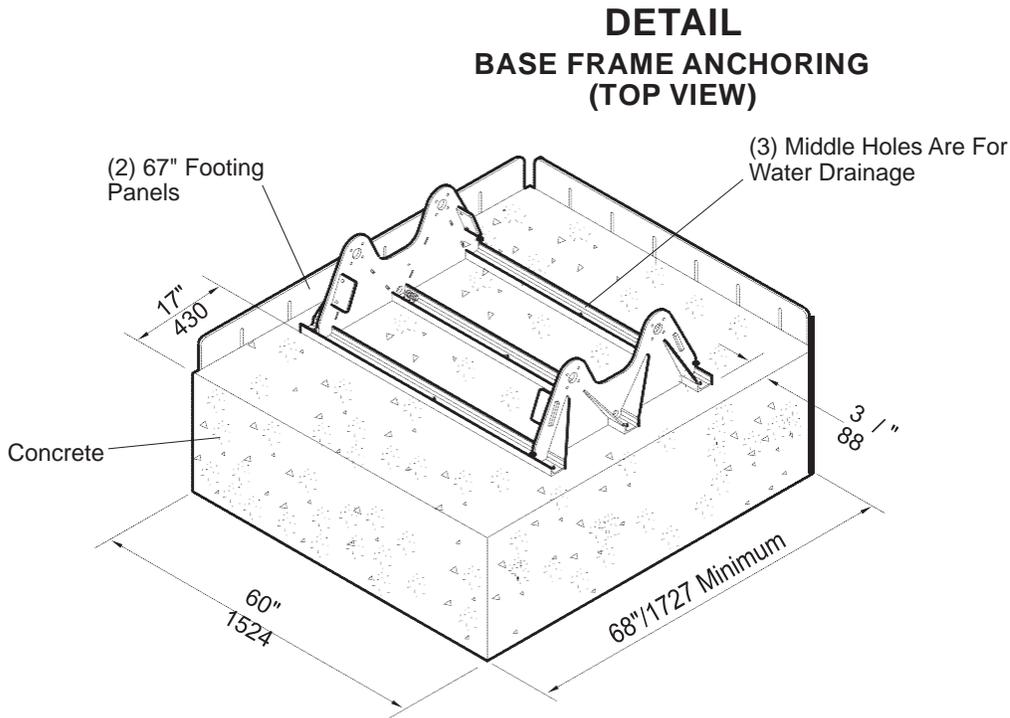
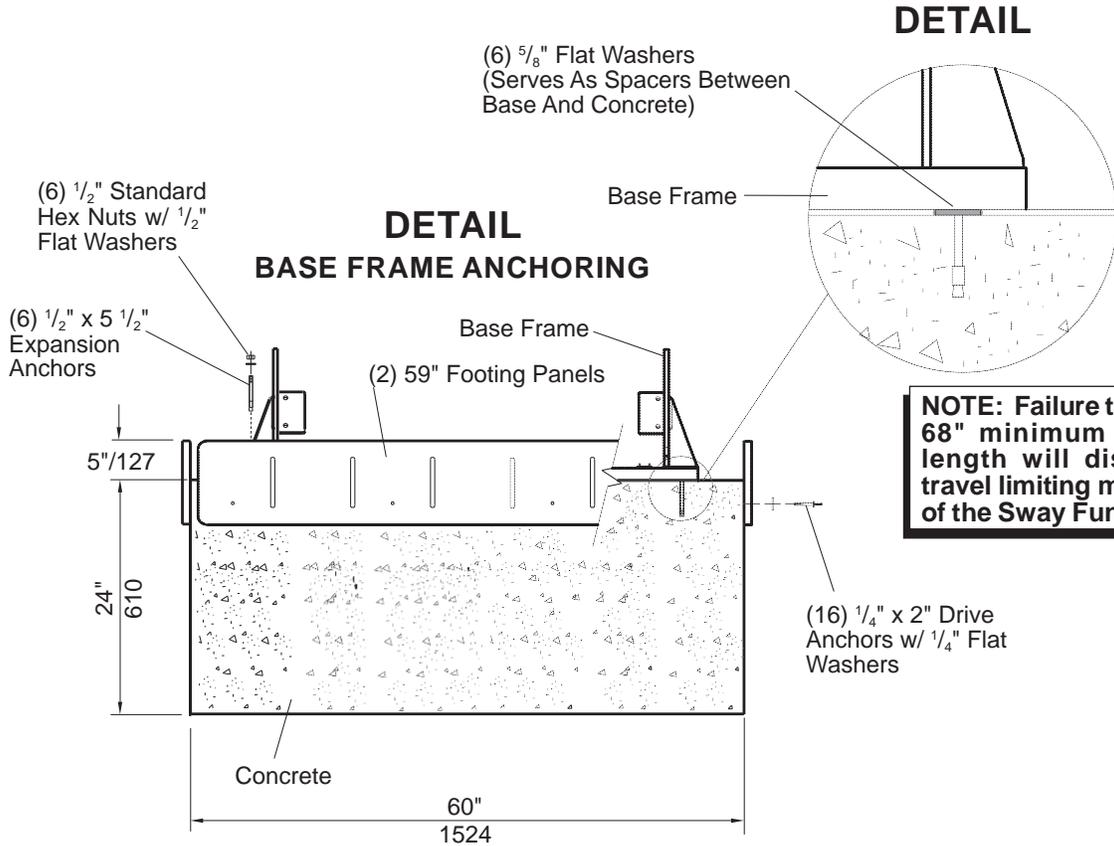
Sensory Play

Sway Fun® Assembly



**DETAIL
PANEL GUARD ATTACHMENT**





Sensory Play 177140 Sway Fun®, 12" High w/Ramp, Guardrails & Curbs

(1279,52 mm) wide x 22 ¹⁵/₁₆" (582,60 mm) deep, color specified

Part#	Description	Qty.
134775	Bench, Specify Color.....	2
136761	Table Panel, Specify Color.....	1
136817	Table Post, Specify Color.....	1
136857	Upper Side Panel, Specify Color.....	2
170170	Lower Side Panel, Specify Color.....	1
136833	Side Panel Frame, Specify Color.....	1
137932	Deck, Specify Color.....	2
170171	Deck Extension, Specify Color.....	1
137930	Deck Extension Support, Specify Color.....	3
170172	Panel Guard, Specify Color.....	2
138409	Arm Assembly.....	4
143076	Axle.....	8
169461	Base Frame.....	1
144448	Deck Mount Frame.....	1
261089	Shock.....	2
189077	Spacer, Deck Mount, Black.....	1
170407	59" Footing Panel, Gray.....	2
170408	67" Footing Panel, Gray.....	2
237020	Sway Fun Hardware Package #1.....	1
100195	³ / ₈ " x ⁵ / ₈ " BHCS w/Pin, SST.....	4
100196	³ / ₈ " x ⁷ / ₈ " BHCS w/Pin, SST.....	16
100198	³ / ₈ " x 1 ¹ / ₈ " BHCS w/Pin, SST.....	31
100199	³ / ₈ " x 2 ¹ / ₄ " BHCS w/Pin, SST.....	6
100252	³ / ₈ " x 1 ¹ / ₄ " Flat Head Cap Screw, SST.....	8
100271	¹ / ₂ " x 5 ¹ / ₂ " Exp. Anchor(w/Nut & Washer),SST.....	6
100292	³ / ₈ " x 1 ¹ / ₄ " BHCS w/Pin Ltd. Thread Bolt, SST.....	16
100327	³ / ₈ " Standard Hex Nut, SST.....	79
100353	³ / ₈ " Flange Nut w/Pin, SST.....	6
100362	³ / ₈ " Flat Washer, SST.....	28
100365	³ / ₈ " SAE Flat Washer, SST.....	166
100366	⁵ / ₈ " Flat Washer, SST.....	6
113027	³ / ₈ " x 1 ³ / ₈ " BHCS w/Pin, SST.....	26
100261	¹ / ₄ " x 2" Drive Anchor.....	16
100349	³ / ₈ " x 16" L/C Nut Cap, SST.....	8
237021	Sway Fun Hardware Package #2.....	1
121135	¹ / ₄ " x 2" Spring Pin, SST.....	8
123224	³ / ₈ " x 1 ¹¹ / ₁₆ " BHCS w/Pin, SST.....	4
128391	Pivot Block, Tan/Brown.....	9
129692	¹ / ₂ " Standard Hex Nut, SST.....	4
131862	¹ / ₂ " x 2 ¹ / ₄ " Hex Cap Screw, SST.....	2
137777	Thrust Bearings.....	32
137779	Collar, SST.....	8
171013	7 ⁵ / ₈ " Rod, AL.....	3
122039	¹ / ₄ " Flat Washer, SST.....	16
156846	Play Safe Label, 2-12 Yrs.....	1
136931	³ / ₈ " Nylok Hex Nuts, SST.....	8
167612	Rubber Bumper.....	4
137091	³ / ₈ " x 1" FHCS w/Pin, SST.....	22
156847	Play Safe Label, 5-12 Yrs.....	1
182213	Hot Surface Warning Label.....	1
182212	Entanglement Warning Label.....	1
115176	Hard Surface Warning Label.....	1
145157	¹ / ₂ " x 1 ³ / ₄ " Socket Head Cap Screw, SST.....	2

Specifications

Bench: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified

Table Panel: Solid color Permalene® table measures 50 ³/₈"

Table Post: Weldment comprised of 3.500" (88,9 mm) O.D. RS-20 (.125") (3,18 mm) galvanized steel tubing, 11 GA. (.120) (3,05 mm) HRPO ASTM A1011 sheet steel and ¹/₄" (6,35 mm) HRS flat steel. Finish: ProShield, color specified

Side Panels: Permalene, color specified

Spacer: Permalene, black in color.

Side Panel Frame: Weldment comprised of 11 GA (.120") (3,05 mm) sheet steel conforming to ASTM A1011. Finish: ProShield, color specified

Deck: Flange formed from 11 GA (.120") (3,05 mm) sheet steel conforming to ASTM A1011. Standing surface is perforated with ⁵/₁₆" (7,93 mm) diameter holes. Finish: TenderTuff, color specified

Deck Extension: Flange formed from 11 GA (.120") (3,05 mm) sheet steel conforming to ASTM A1011. Finish: TenderTuff, color specified

Deck Extension Support: Formed from 11 GA (.120") (3,05 mm) sheet steel conforming to ASTM A1011. Finish: ProShield, color specified

Panel Guard: Permalene, color specified

Footing Panels: Solid color Permalene, gray in color.

Arm Assembly: Machined from 6061-T6 aluminum.

Axle: Weldment comprised of 304 stainless steel.

Base Frame: Weldment comprised of 3" x 5" (76 mm x 127 mm) structural steel C channel, ¹/₄" (6,35 mm) HRS flat steel, ¹/₂" (12,7 mm) HRS flat steel and ¹/₂" (12,7 mm) HRPO flat steel. Finish: Hot dip galvanized per ASTM A123 .

Upper Shock Mount Bracket: Weldment comprised of 7 Ga. (.180") (4,57 mm) sheet steel conforming to ASTM A1011. Finish: Hot dip galvanized per ASTM A123 .

Deck Mount Frame: Weldment comprised of 11 GA (.120") (3,05 mm) sheet steel, 7 Ga. (.180") (4,57 mm) HRPO flat steel and ¹/₄" (.250") (6,35 mm) HRPO flat steel. Finish: Hot dip galvanized per ASTM A123 .

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications

Installation Time: Approx. 22 ¹/₄ man hours (DB)

Approx. 20 man hours (SM)

Concrete Req.: Approx. 66 cu. ft. (DB)

Area Req.: 24' 9" x 26' 4 ¹/₄" (7,54 m x 8,03 m)

Weight: 2071 lbs. Aluminum (DB)

2193 lbs. Steel (DB)

2041 lbs. Aluminum (2" SM)

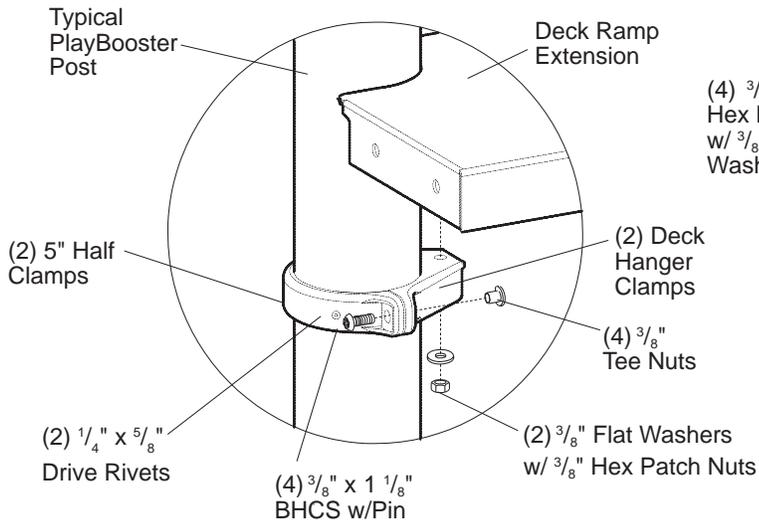
2127 lbs. Steel (2" SM)

Fall Height: 12" (305 mm) Deck Height

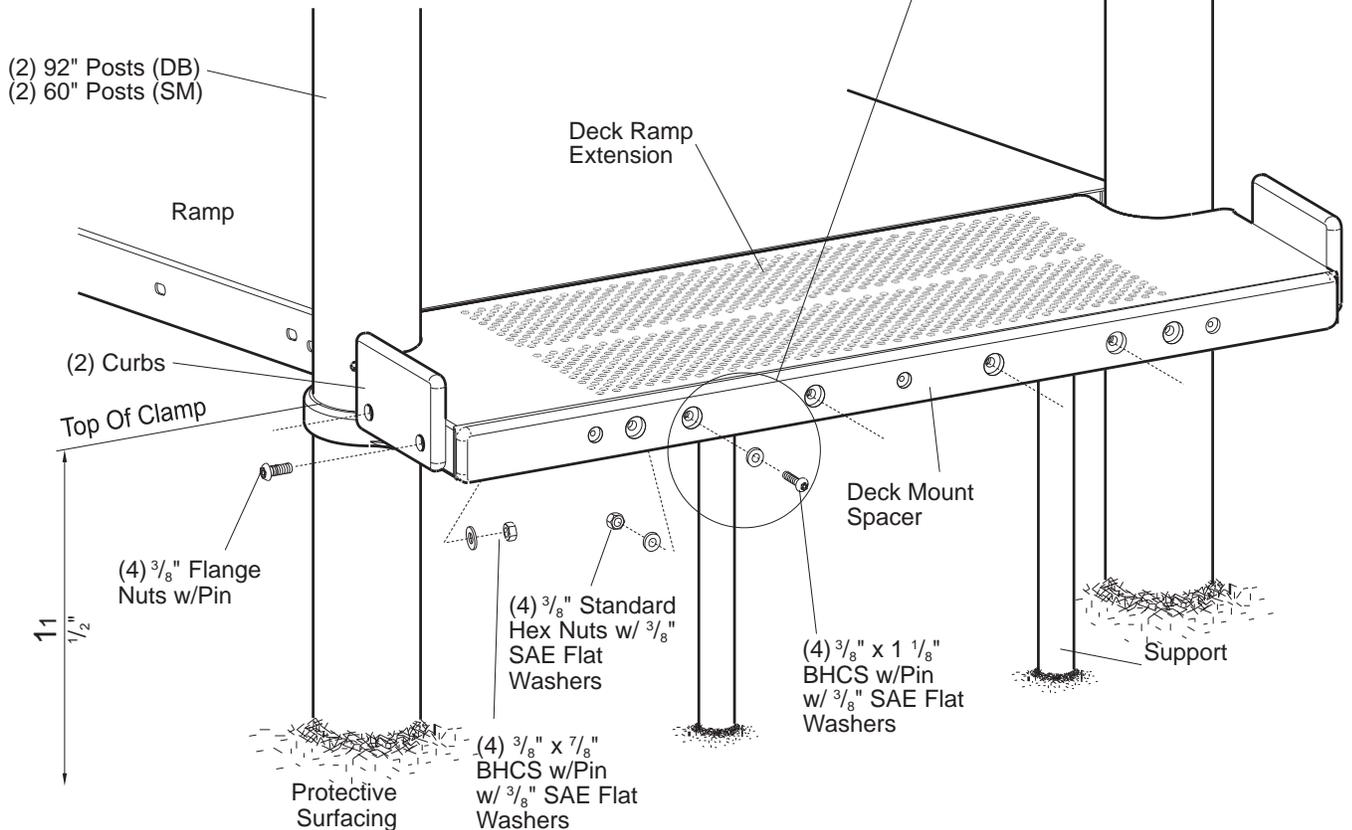
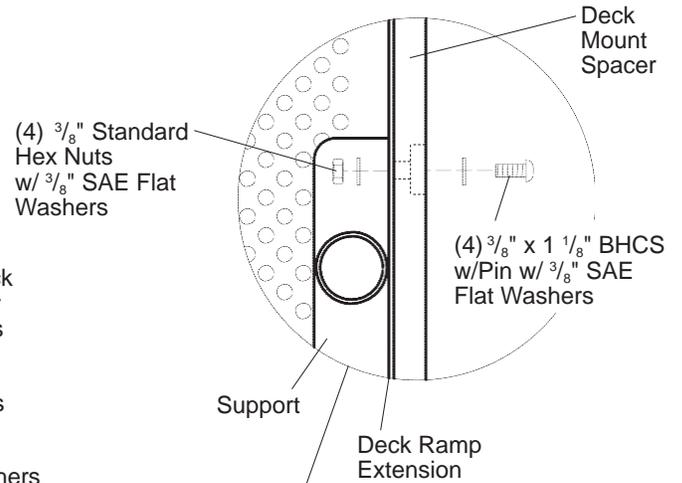
Installation Instructions

- 1) Build and pour concrete footing. Refer to Base Frame Anchoring Details. Allow concrete footing to cure for a minimum of 72 hours before continuing. **NOTE:** *Failure to meet the 68" minimum concrete length will disable the travel limiting mechanism of the Sway Fun.*
- 2) With base frame in position, drill through 6 outside holes in base frame 5" deep into concrete slab using 1/2" masonry bit and hammer drill. Refer to the Base Frame Anchoring Detail. **NOTE:** *Position 5/8" flat washers between base frame outside holes and concrete. Refer to the Base Frame Anchoring Details.*
- 3) Tap expansion anchors into drilled holes and secure using 1/2" standard hex nuts with 1/2" flat washers. Refer to the Base Frame Anchoring Details.
- 4) Attach axles to deck mount frame using thrust bearings, collars, 3/8" x 1 1/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. **NOTE:** *Attach axles with groove pin hole horizontal, as shown. Refer to the Arm Assembly To Deck Mount Frame Detail.*
- 5) Attach arm assemblies to deck mount frame axles using thrust bearings, collars and 1/4" x 2" spring pins. Place collar with pin on axle using the groove pinhole as a guide, insert spring pin in until flush with collar. Refer to the Arm Assembly To Base Frame Detail.
- 6) Attach arm assemblies with letter "A" up as shown to deck mount frame axles using thrust bearings, collars and 1/4" x 2" spring pins. Place collar with pin on axle using the groove pinhole as a guide, insert spring pin in until flush with collar. Refer to the Arm Assembly To Base Frame Detail.
- 7) Attach bumpers to base frame plates using 1 3/8" BHCS w/pin with 3/8" SAE flat washer and 3/8" nylok hex nuts with 3/8" SAE flat washers. Refer to the Bumper Attachment Detail.
- 8) Stage and set axles to the arm assembly with thrust bearings on axle prior to attaching axles to base frame using 3/8" x 1 1/4" BHCS w/pin limited thread bolts with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. **NOTE:** *Attach axles with groove pin hole horizontal. Refer to the Arm Assembly To Base Frame Detail.*
- 9) Attach thrust bearings and 1/4" x 2" spring pins to the collar. Place collar with pin on axle using the groove pinhole as a guide, insert spring pin in until flush with collar. **NOTE:** *Insert 1/4" x 2" spring pin 1/16" beyond first wall of collar. Refer to the Arm Assembly To Base Frame Detail.*
- 10) Attach deck extension to deck using deck extension supports, 3/8" x 7/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to the Deck Extension Assembly Detail.
- 11) Fasten deck extension to deck face using 3/8" x 1 1/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to the Deck Extension Attachment Detail.
- 12) Loosely attach decks to deck mount frame using 3/8" x 7/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers on deck mount frame ends and 3/8" x 1 1/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers on deck mount frame sides. Refer to the Deck Attachment Detail.
- 13) Attach decks to each other using 3/8" x 1 1/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to the Deck Attachment Detail.
- 14) Tighten bolts from decks to deck mount frame.
- 15) Attach benches to decks using 3/8" x 7/8" BHCS w/pin with 3/8" flat washers. Refer to the Bench Attachment Detail.
- 16) Attach table post to decks using 3/8" x 1 3/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to the Table Post Attachment Detail.
- 17) Position 7 5/8" rods with pivot blocks between table post plate and table panel.
- 18) Attach table panel to table post plate using 3/8" x 1 1/4" flat head cap screws and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to the Pivot Block Assembly Detail.
- 19) Attach side panel frame to benches using 3/8" x 5/8" BHCS w/pin with 3/8" SAE flat washers. Refer to the Table/Side Panels Detail.
- 20) Attach side panel frame and lower side panel to the deck using 3/8" x 1 11/16" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to the Table/Side Panels Detail.
- 21) Attach upper side panels to side panel frame using 3/8" x 2 1/4" BHCS w/pin and 3/8" flange nuts w/pin. Refer to the Table/Side Panels Detail.
- 22) Attach panel guards to decks using 3/8" x 1 3/8" BHCS w/pin with 3/8" flat washers. Refer to the Panel Guard Attachment Detail.
- 23) **(Footing Panels to concrete footing)** Using footing panels as a guide, drill holes 2" deep into concrete footing using a 1/4" masonry bit and hammer drill. Secure footing panels to concrete footing, using 1/4" x 2" drive anchors and 1/4" flat washers. Refer to the Base Frame Anchoring Detail.
- 24) Apply Play Safe and Warning Labels, as shown.
- 25) If installed in playground environment, install protective surfacing before users are allowed to use Sway Fun. **NOTE:** *When installed inside playground environment, protective surfacing should not exceed height shown. Incorrect surfacing installation will inhibit the motion of the Sway Fun.*

**DETAIL
DECK ATTACHMENT**



**DETAIL
(BOTTOM VIEW)**





Sensory Play 177140 Sway Fun[®], 12" High w/Ramp, Guardrails & Curbs

Parts

Part#	Description	Qty.
105327	5" Half Clamp, Specify Color	2
107509	92" Steel PlayBooster Post, DB, Specify Color	*
107681	92" Al. PlayBooster Post, DB, Specify Color	*
107460	60" Steel PlayBooster Post, SM, Specify Color	*
107610	60" Al. PlayBooster Post, SM, Specify Color	*
106022	Deck Hanger Clamp, Specify Color	2
182781	Curb, Specify Color	2
163641	Deck Ramp Extension, Specify Color	1
181399	Support, DB, Specify Color	1
181402	Support, 2" SM (12" Deck), Specify Color	1
100610	1/4" x 5/8" Drive Rivet, AL/SST	3
182782	Deck Ramp Extension Hardware Package	1
100198	3/8" x 1 1/8" BHCS w/Pin, SST	8
100321	3/8" Hex Patch Nut, SST	2
100327	3/8" Standard Hex Nut, SST	4
100351	3/8" Tee Nut, SST	4
100362	3/8" Flat Washer, SST	2
100362	3/8" SAE Flat Washer, SST	12
100196	3/8" x 7/8" BHCS w/Pin, SST	4
100353	3/8" Flange Nuts w/Pin, SST	4
111394	4-Hole (SM) Hardware Package	1
100263	3/8" x 2 3/4" Expansion Anchor	4
100327	3/8" Standard Hex Nut, SST	4
100362	3/8" Flat Washer, SST	4
121348	4-Hole (SM) Hardware Package	2
100266	1/2" x 2 3/4" Expansion Anchor	8
100322	1/2" Standard Hex Nut, SST	8
100363	1/2" Flat Washer, SST	8

SM = Surface Mount

DB = Direct Bury

* = Quantity Determined By Your Order

Specifications

Deck Ramp Ext.: Flange formed from 11 GA (.120") (3,05 mm) sheet steel conforming to ASTM A1011. Standing surface is perforated with 5/16" (7,93 mm) diameter holes. Deck face has (4) slotted holes for face mounting components. The finished size measures 2 5/8" x 15 3/4" x 47" (66,67 mm x 400,05 mm x 1193 mm). Finish: TenderTuff[®], color specified

Posts: See PlayBooster[®] General Specifications

Support (DB): Weldment comprised of 1.660" (42,16 mm) O.D. RS20 (.085"-.095") (2,15 mm-2,41 mm) wall galvanized steel tubing and 1 3/4" x 1 3/4" x 1/8" (44,45 mm x 44,45 mm x 3,17 mm) HR angle. Finish: ProShield[®], color specified

Curb: Permalene[®], color specified

Clamps: Cast aluminum. Finish: ProShield, color specified

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications)

Installation Instructions

- (Direct Bury)** Dig footings as shown. Refer to the Plan View/Footing Layout.
- Fasten hanger clamp assemblies to posts at height shown.
- Lift deck ramp extension into position, lining up studs underneath deck ramp extension with deck hanger clamps as shown. Attach with 3/8" flat washers and 3/8" hex patch nuts.
- Attach curbs to deck ramp extension, using 3/8" x 7/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" flange nuts w/pin

- Attach deck mount spacer and support to deck ramp extension, using 3/8" x 1 1/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" standard hex nuts with 3/8" SAE flat washers. Refer to Detail
- Level deck and plumb posts. Install 1/4" x 5/8" drive rivets in all 5" half clamps. Refer to the Typical Offset Hanger Clamp Spec Sheet
- (Direct Bury)** Pour concrete footings per the Direct Bury Detail. Allow concrete footings to cure a minimum of 72 hours before users are allowed to play on the structure. **NOTE: Do not pour concrete footings until structure is fully assembled.**

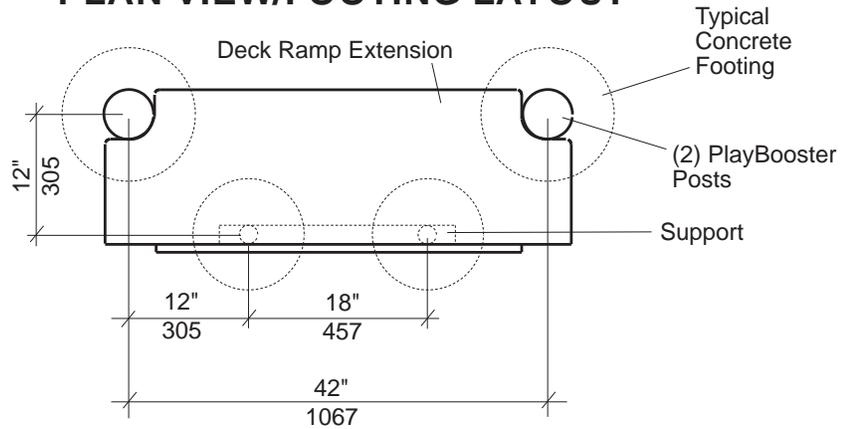
(Surface Mount Support) With support plumb, drill 3" deep holes into concrete slab through holes in support plates, use a 3/8" masonry bit and 3/8" hammer drill. Tap 3/8" x 2 3/4" expansion anchors into holes and secure using 3/8" standard hex nuts with 3/8" flat washers. Refer to the Surface Mount Support Detail. **NOTE: Do not anchor support to concrete until structure is fully assembled.**

(Surface Mount Posts) With posts plumb, drill 3" deep holes into concrete slab through holes in support plates, use a 1/2" masonry bit and 1/2" hammer drill. Tap 1/2" x 2 3/4" expansion anchors into holes and secure using 1/2" standard hex nuts with 1/2" flat washers. Refer to the Surface Mount Posts Detail. **NOTE: Do not anchor posts to concrete until structure is fully assembled.**

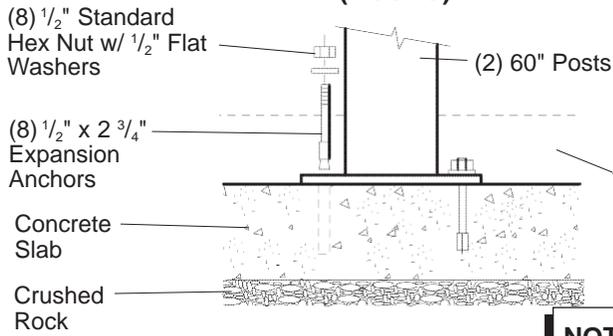
- Install protective surfacing before users are allowed to play on the structure.

Specifications are subject to change without notice.

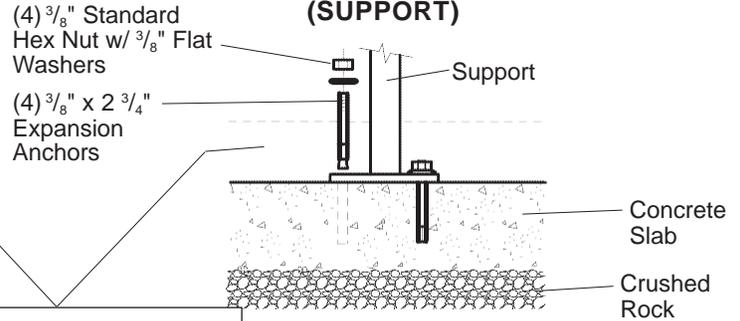
PLAN VIEW/FOOTING LAYOUT



DETAIL SURFACE MOUNT (POSTS)

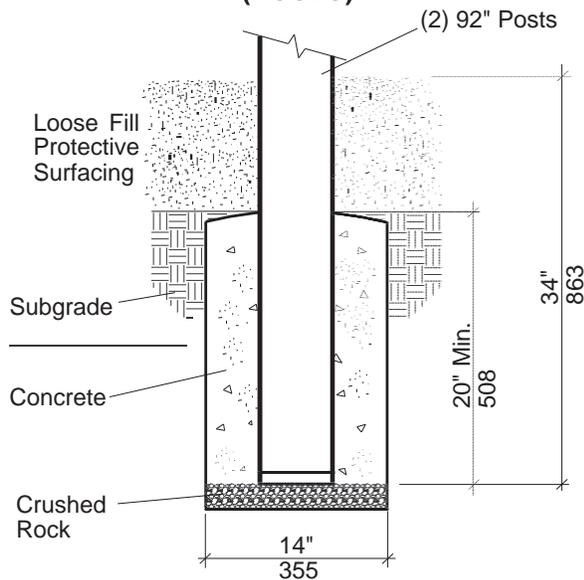


DETAIL SURFACE MOUNT (SUPPORT)

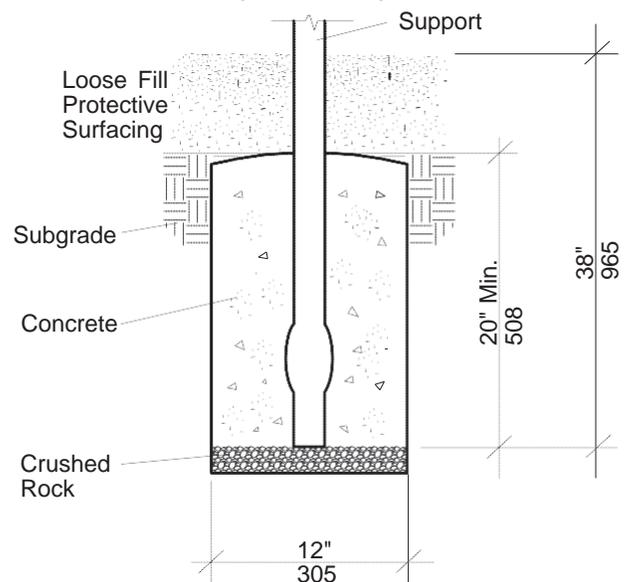


NOTE: Sufficient protective surfacing must cover hardware to satisfy fall height requirements.

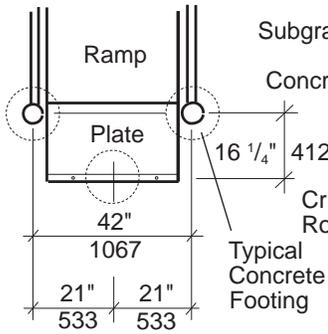
DETAIL DIRECT BURY (POSTS)



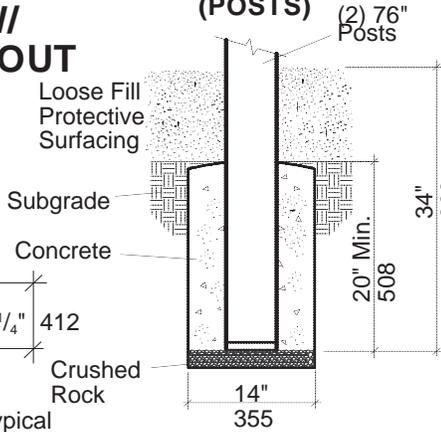
DETAIL DIRECT BURY (SUPPORT)



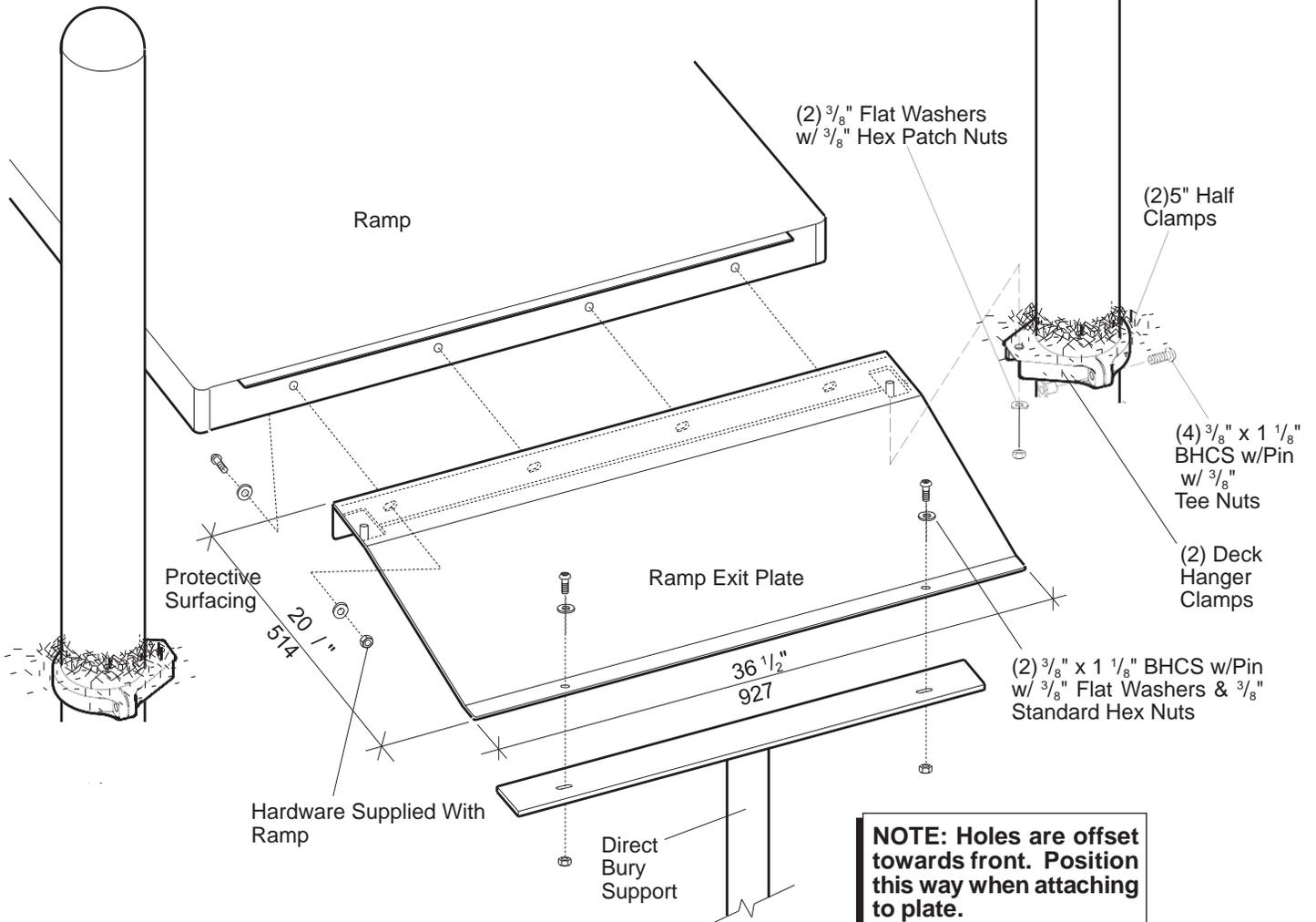
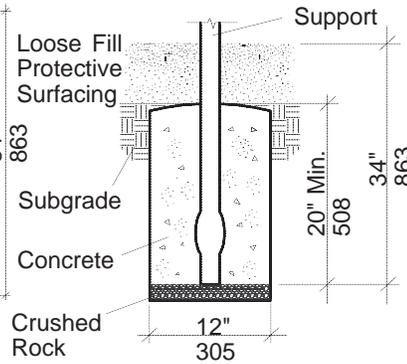
**PLAN VIEW/
FOOTING LAYOUT**



**DETAIL
DIRECT BURY
(POSTS)**



**DETAIL
DIRECT BURY
(SUPPORT)**



NOTE: Holes are offset towards front. Position this way when attaching to plate.

Sensory Play

Ramp Exit Plate, DB



Sensory Play 177140 Sway Fun[®], 12" High w/Ramp, Guardrails & Curbs

Parts List

Part#	Description	Qty.
177563	Ramp Exit Plate, Specify Color	1
180979	Support (DB), Specify Color	1
105327	5" Half Clamp, Specify Color	2
106022	Deck Hanger Clamp, Specify Color	2
107500	76" Steel PlayBooster Post, DB, Specify Color	*
107670	76" Al. PlayBooster Post, DB, Specify Color	*
107453	44" Steel PlayBooster Post, SM, Specify Color	*
107603	44" Al. PlayBooster Post, SM, Specify Color	*
121051	Ramp Exit Plate (DB) Hardware Package	
	100198 3/8" x 1 1/8" BHCS w/Pin, SST	6
	100321 3/8" Hex Patch Nut, SST	2
	100327 3/8" Standard Hex Nut, SST	2
	100351 3/8" Tee Nut, SST	2
	100362 3/8" Flat Washer, SST	2
	100610 1/4" x 5/8" Drive Rivet, AL/SST	2
120439	Ramp Exit Plate (SM) Hardware Package	1
	100198 3/8" x 1 1/8" BHCS w/Pin, SST	4
	100321 3/8" Hex Patch Nut, SST	2
	100351 3/8" Tee Nut, SST	2
	100362 3/8" Flat Washer, SST	2
	100610 1/4" x 5/8" Drive Rivet, AL/SST	2
121348	4 Hole (SM) Hardware Package	2
	100266 1/2" x 2 3/4" Expansion Anchor	8
	100322 1/2" Standard Hex Nut, SST	8
	100363 1/2" Flat Washer, SST	7
129321	2-Hole (SM) Hardware Package	1
	100261 1/4" x 2" Drive Anchor	2
	122039 1/4" Flat Washer, SST	2

DB = Direct Bury
SM = Surface Mount

Specifications

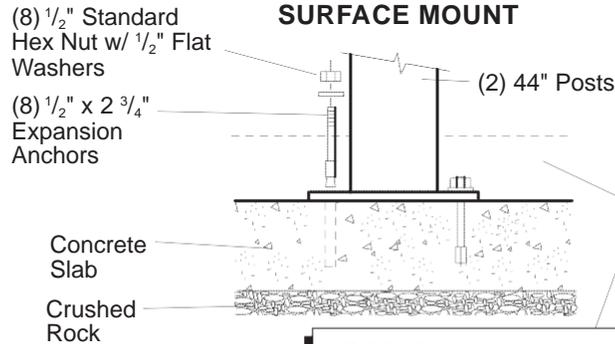
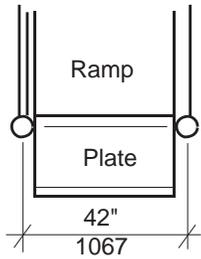
- Support:** Fabricated from 1/4" x 3" (6,35 mm x 76 mm) zinc plated HRS plate continuously welded to 2 3/8" (60,32 mm) O.D. RS20 galvanized steel tubing. Finish: ProShield[®], color specified
- Posts:** See PlayBooster[®] General Specifications
- Ramp Exit Plate:** Fabricated from 10 GA (.135") (3,42 mm) HRPO steel plate with 3/8" x 1" stainless steel mounting stud. Finish: TenderTuff[®], color specified
- Deck Hanger Clamp Assembly:** Cast aluminum. Finish: ProShield, color specified
- Fasteners:** Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications)

Installation Instructions

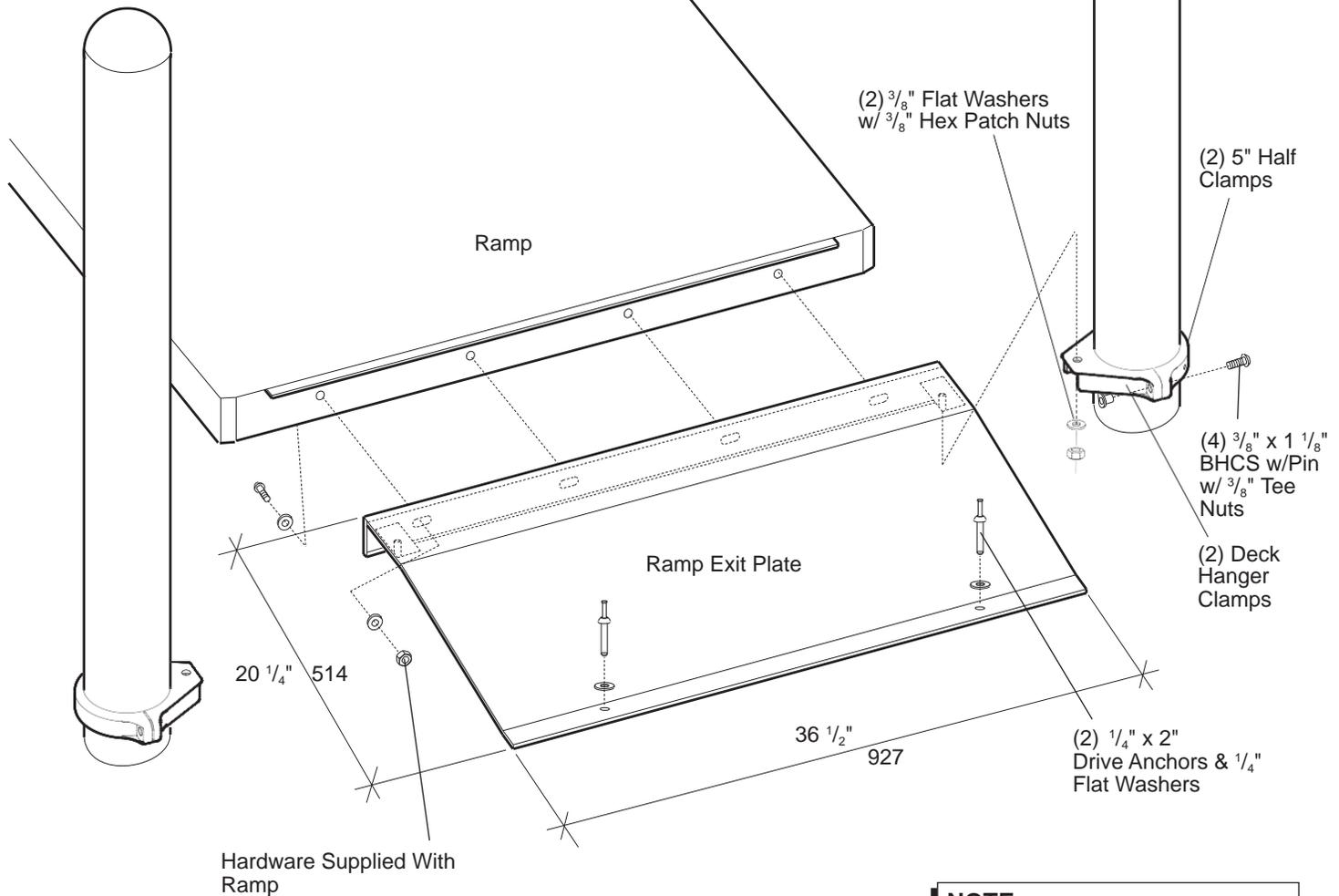
- (Direct Bury)** Dig footings as shown.
- Install exit plate in conjunction with ramp.
- Mark posts for the appropriate height to install clamps. Fasten deck hanger clamps to the marked position on posts using 5" half clamps and 3/8" x 1 1/8" BHCS w/pin with 3/8" tee nuts. Refer to the Typical Offset Hanger Clamp Spec Sheet
- Position ramp exit plate over deck hanger clamps and attach using 3/8" hex patch nuts with 3/8" flat washers, as shown
- Attach support to ramp exit plate using 3/8" x 1 1/8" BHCS w/pin with 3/8" flat washers and 3/8" standard hex nuts, as shown.
- (Direct Bury)** With support and posts plumb, pour concrete footing. **NOTE: Do not pour concrete footings until structure is fully assembled.**
- (Surface Mount)** Secure ramp exit plate to surface using 1/4" x 2" drive anchors and 1/4" flat washers. **NOTE: Do not anchor ramp exit plate to concrete until structure is fully assembled.**
- (Surface Mount)** With posts plumb, drill 3" deep holes into concrete slab through holes in support plates, use a 1/2" masonry bit and hammer drill. Tap 1/2" x 2 3/4" expansion anchors into holes and secure using 1/2" standard hex nuts with 1/2" flat washers. Refer to the Surface Mount Posts Detail. **NOTE: Do not anchor posts to concrete until structure is fully assembled.**
- Install 1/4" x 5/8" drive rivets in all 5" half clamps. Refer to the Typical Offset Hanger Clamp Spec Sheet
- Install protective surfacing before users are allowed to play on the structure.

Added protective surfacing above clamps on 76' posts.

**DETAIL
SURFACE MOUNT**

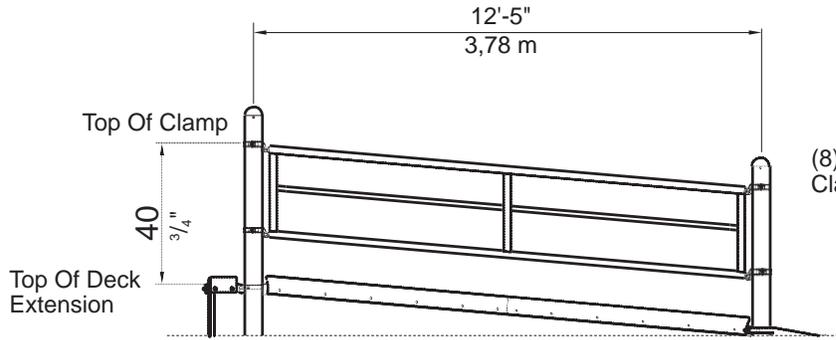


NOTE: Sufficient protective surfacing must cover hardware to satisfy fall height requirements.

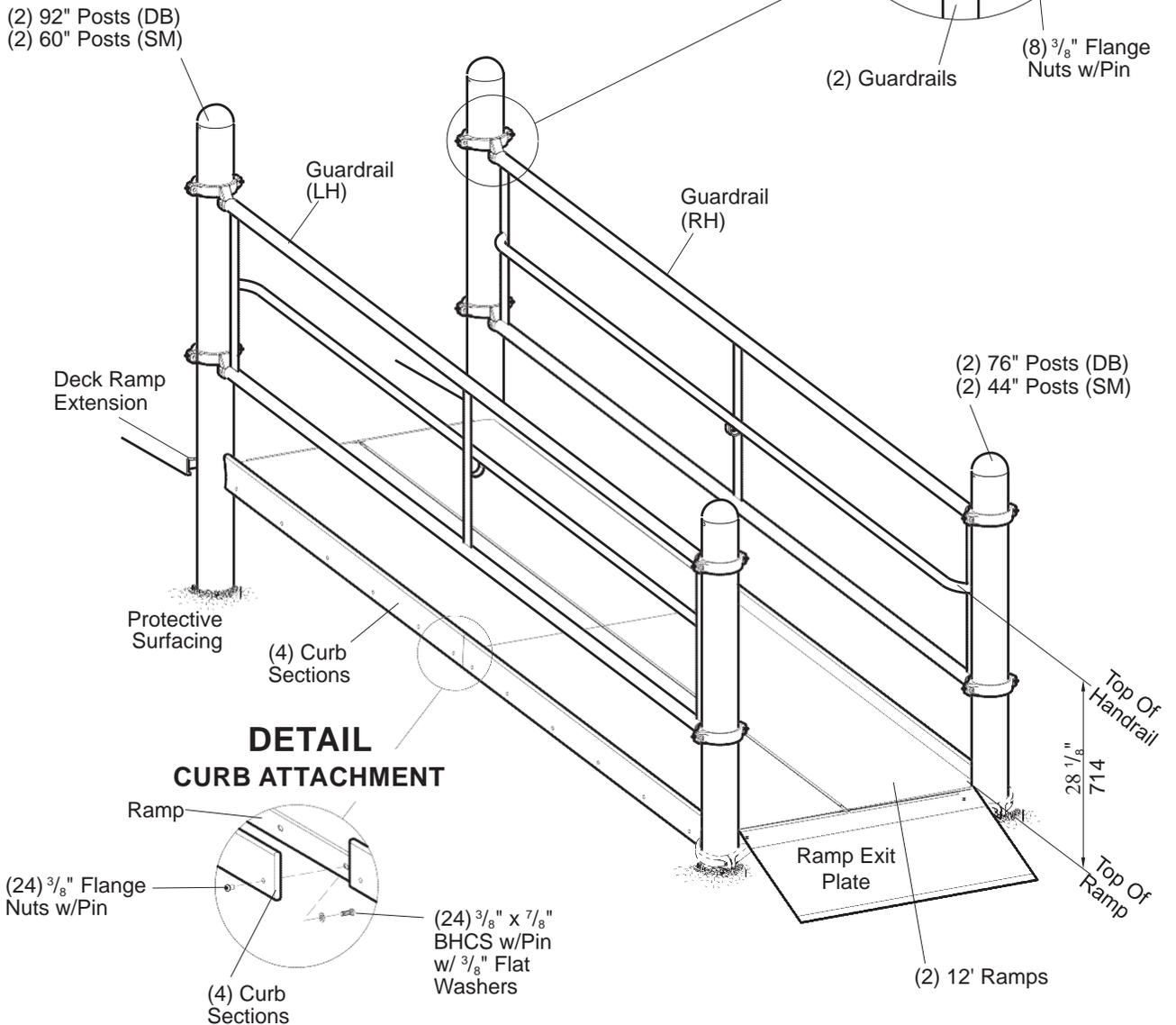
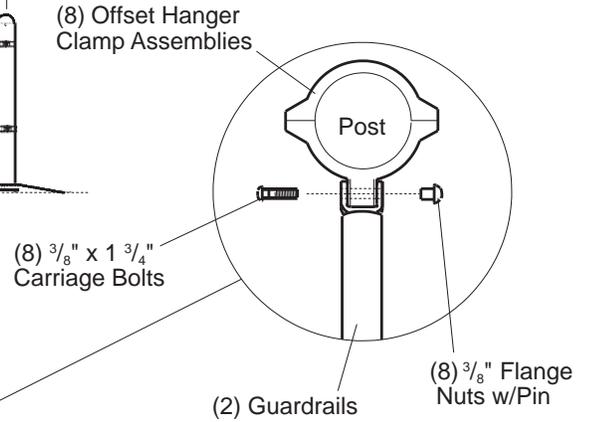


NOTE:
Install in conjunction with ramp. Refer to Ramp w/Guardrails Installation Sheet.

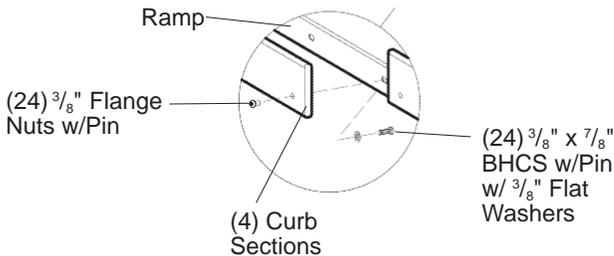
PLAN VIEW/FOOTING LAYOUT



**DETAIL
GUARDRAIL ATTACHMENT**



**DETAIL
CURB ATTACHMENT**



Parts List

Part#	Description	Qty.
100610	1/4" x 5/8" Drive Rivet, AL/SST	8
105327	5" Half Clamp, Specify Color	8
113729	5" Offset Hanger Clamp, Specify Color	8
178017	12" Ramp, Specify Color	2
178019	Guardrail (RH), Specify Color	1
178018	Guardrail (LH), Specify Color	1
174797	Curb, Specify Color	4
171409	Curb Hardware Package	1
100196	3/8" x 7/8" BHCS w/Pin, SST	24
100353	3/8" Flange Nut w/Pin, SST	24
100362	3/8" Flat Washer, SST	24
159480	Barrier Hardware Package	1
100148	3/8" x 1 3/4" Carriage Bolt, SST	8
100198	3/8" x 1 1/8" BHCS w/Pin, SST	16
100351	3/8" Tee Nut, SST	16
100353	3/8" Flange Nut w/Pin, SST	8
228066	Ramp Hardware Package	1
100198	3/8" x 1 1/8" BHCS w/Pin, SST	20
100327	3/8" Standard Hex Nut, SST	8
100362	3/8" Flat Washer, SST	44
113027	3/8" x 1 3/8" BHCS w/Pin, SST	2
100349	3/8" Low Crown Cap Nut, SST	14

(RH) = Right Hand

(LH) = Left Hand

Specifications

Guardrail: Weldment comprised of 1.315" (33,40 mm) O.D. RS20 (.080"- .090") (2,03 mm-2,29 mm) wall galvanized steel tube, 1.900" (48,26 mm) O.D. RS20 (.085" - .095") (2,16 mm-2,41 mm) wall galvanized steel tube, 3/16" (4,75 mm) HRPO flat steel, 1/4" (6,35 mm) HRPO flat steel and 1/4" (6,35 mm) HRPO flat steel. Finish: ProShield[®], color specified

Bridge/Ramp: Weldment comprised of 12 GA (.105") (2,67 mm) sheet HRPO steel conforming to ASTM A1011, 1/4" (6,35 mm) HR flat steel and 3/16" (4,75 mm) (7,94 mm) HR flat steel. Standing surface is perforated with 5/16" (7,94 mm) diameter holes. Finish: TenderTuff[®], color specified

Curb: Permalene[®], color specified

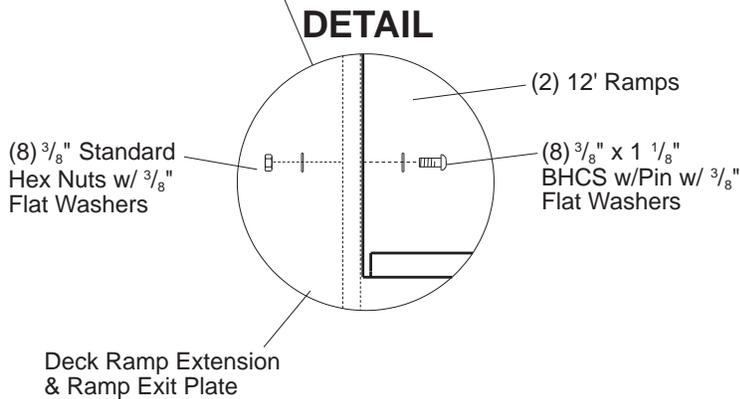
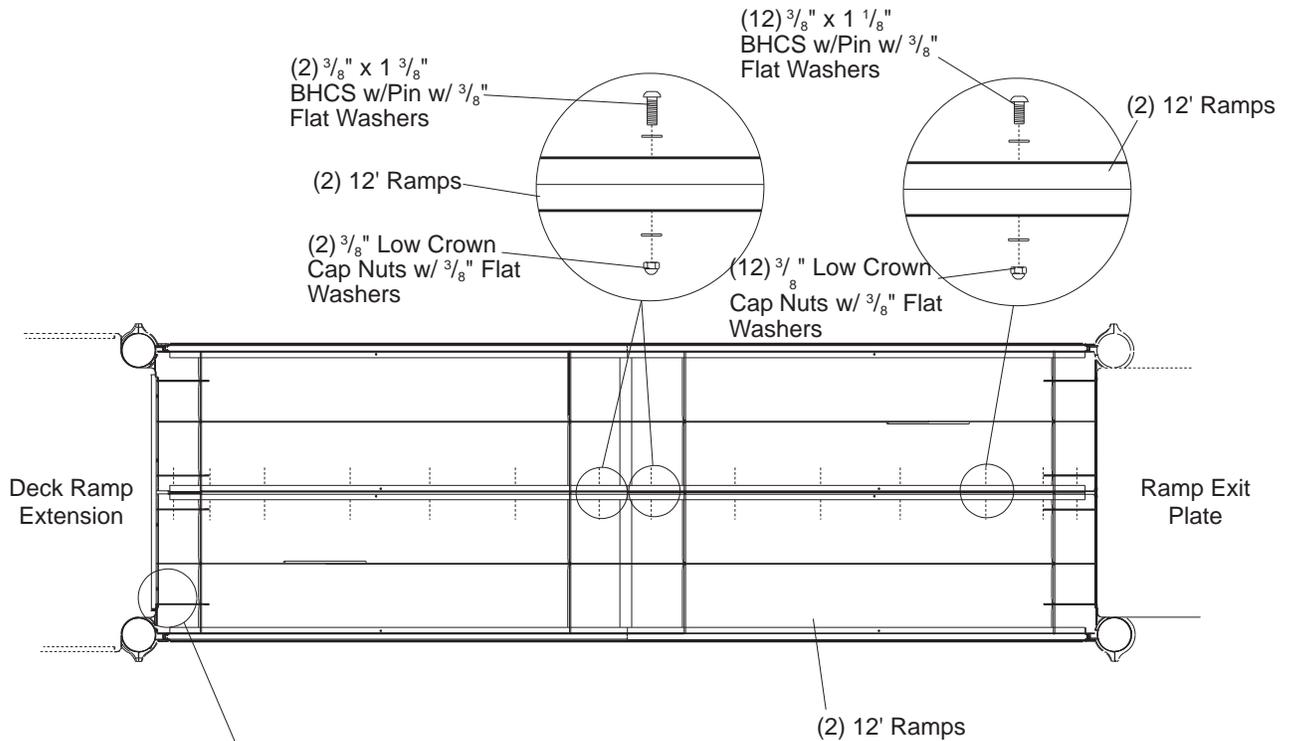
Clamps: Cast aluminum. Finish: ProShield, color specified

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications)

Installation Instructions

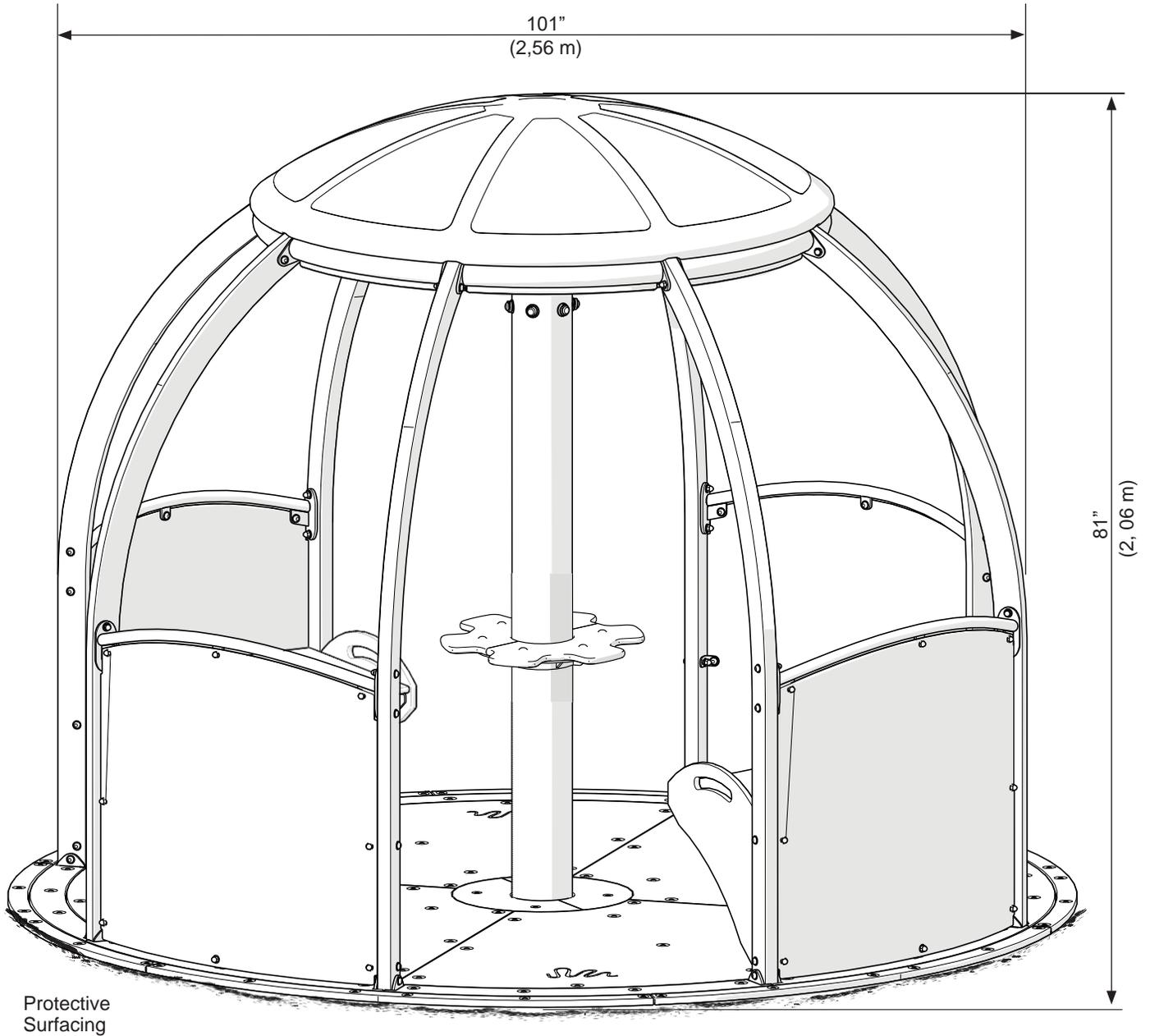
- 1) With posts, deck ramp extension and ramp exit plate in proper position, set ramps on deck ramp extension and ramp exit plate. Fasten ramps to deck ramp extension and ramp exit plate, using 3/8" x 1 1/8" BHCS w/pin with 3/8" flat washers and 3/8" standard hex nuts with 3/8" flat washers. Refer to the Ramp Attachment Details.
- 2) Fasten ramps together. Refer to the Ramp Attachment Details.
- 3) Attach (4) curb sections to faces of ramp in position shown, using 3/8" x 7/8" BHCS w/pin with 3/8" flat washers and 3/8" flange nuts w/pin. Refer to the Curb Attachment Detail.
- 4) Fasten an offset hanger clamp to the end of each guardrail, using 3/8" x 1 3/4" carriage bolt and 3/8" flange nut w/pin. Refer to Guardrail Attachment Detail. Attach guardrails to posts at height shown, using 5" half clamps and 3/8" x 1 1/8" BHCS w/pin with 3/8" tee nuts. Refer to the Typical Offset Hanger Clamp Spec Sheet
- 5) Install 1/4" x 1/8" drive rivets in all 5" half clamps. Refer to the Offset Hanger Clamp Spec Sheet.
- 6) Install protective surfacing before users are allowed to play on the structure.

**DETAIL
RAMP ATTACHMENT
(BOTTOM VIEW)**



SAFETY NOTE

Choose a protective surfacing material that has a Critical Height Value of at least the height of the Highest Accessible Part/Fall Height of the adjacent equipment. (Ref. ASTM F1487.)

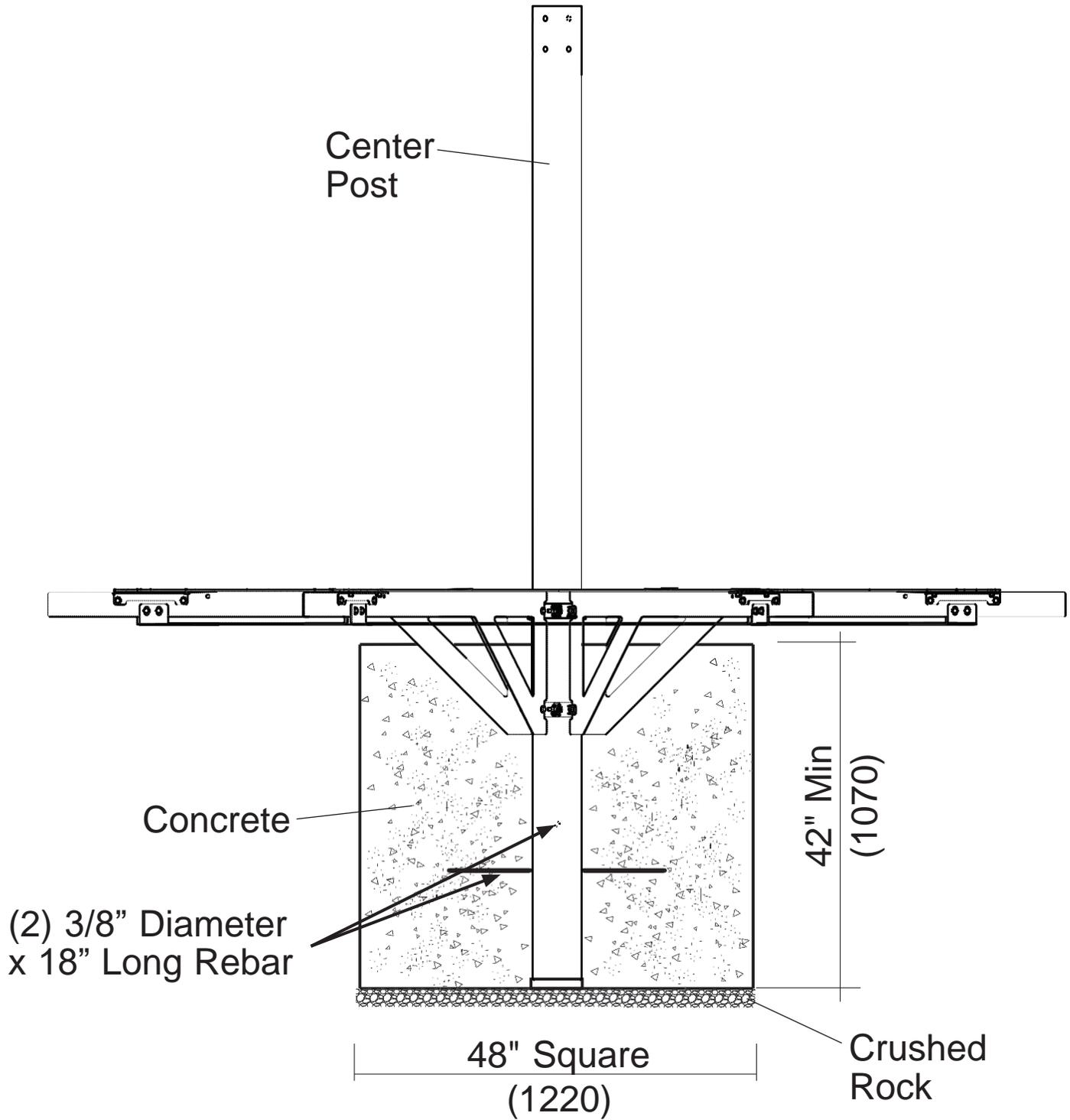


Scan the QR Code
to the right, or
type the URL into
a browser to view
the video

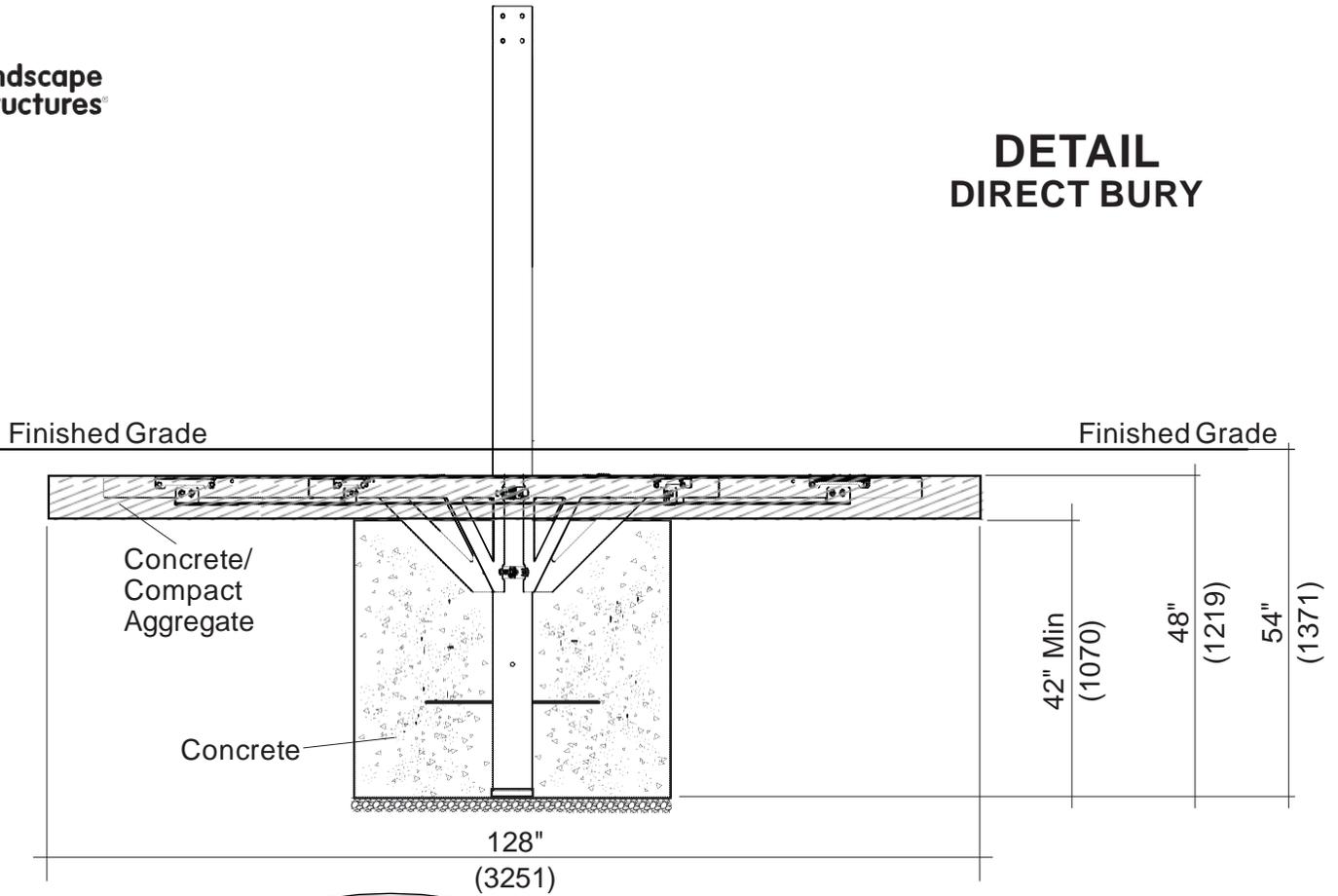


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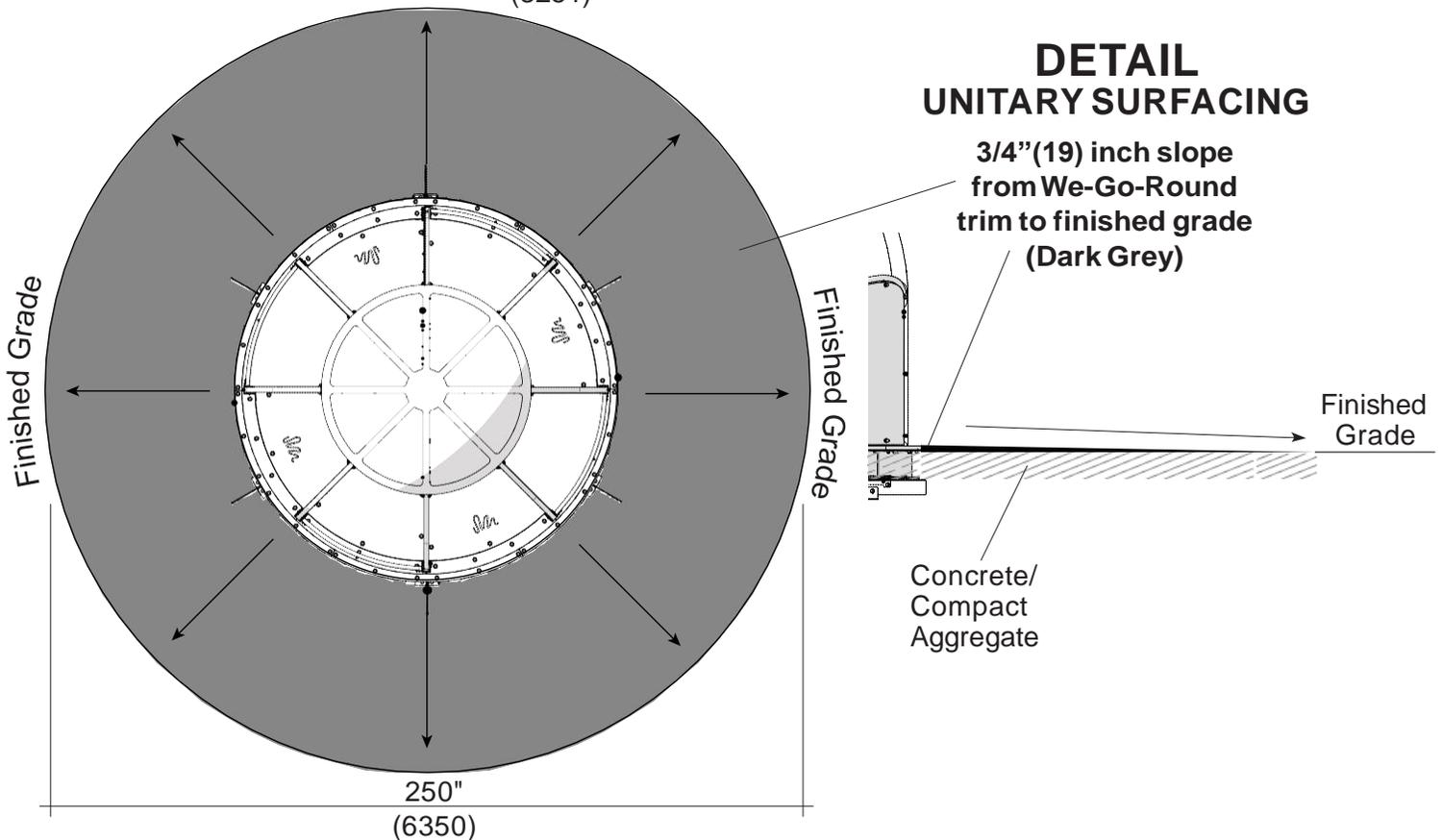
DETAIL DIRECT BURY



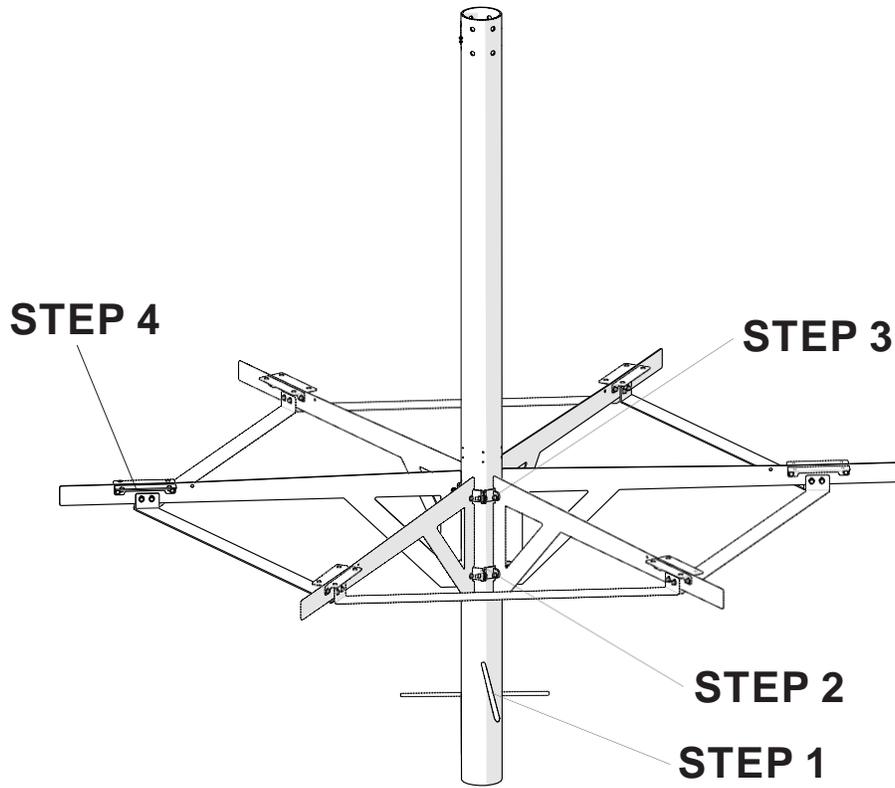
DETAIL DIRECT BURY



DETAIL UNITARY SURFACING

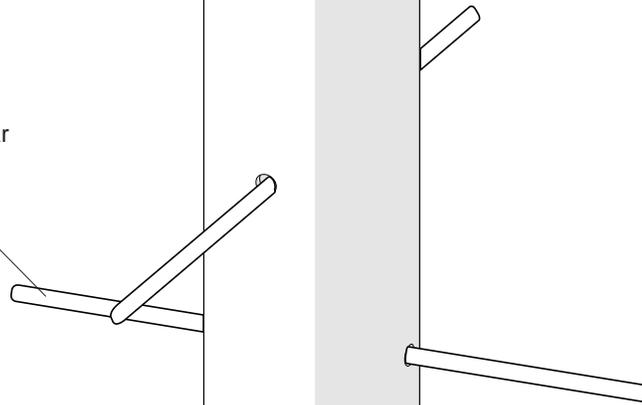


FOUNDATION I



STEP 1

(2) 3/8" Diameter x 18" Long Rebar



1



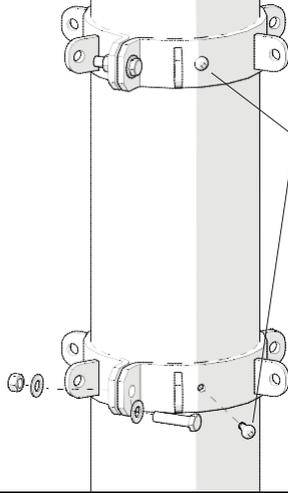
6.0 OD x .25" x 119.50" Post
(249121)

2x

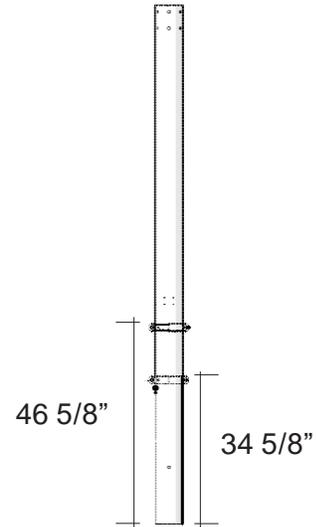


3/8" x 18" Rebar
(222399)

STEP 2



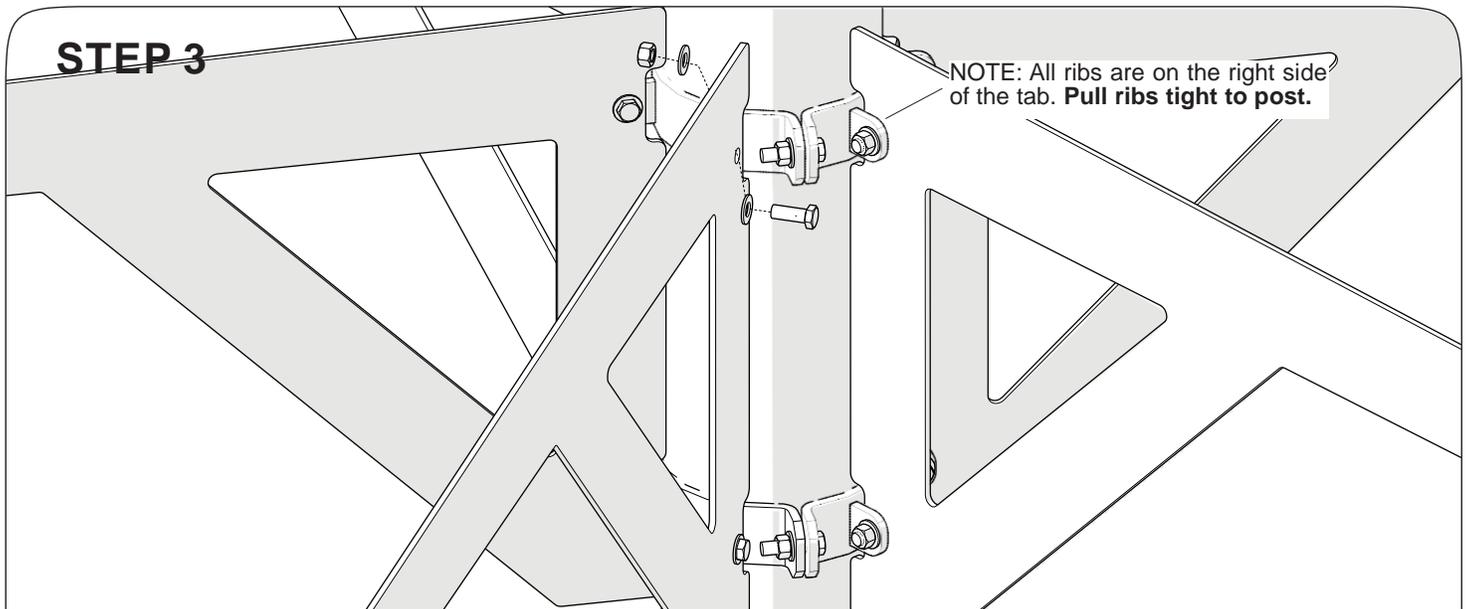
NOTE: Rivets will set clamp height and orientation.



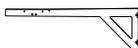
- 4x  Rib Clamp (24911 /)
- 2x  1/2 x 5/8" Drive Rivet (10610)
- 4x  3/8" Standard Hex Nut (100327)

- 4x  3/8" x 1 1/2" Hex Screw (100208)
- 8x  3/8" SAE Washer (100365)

STEP 3

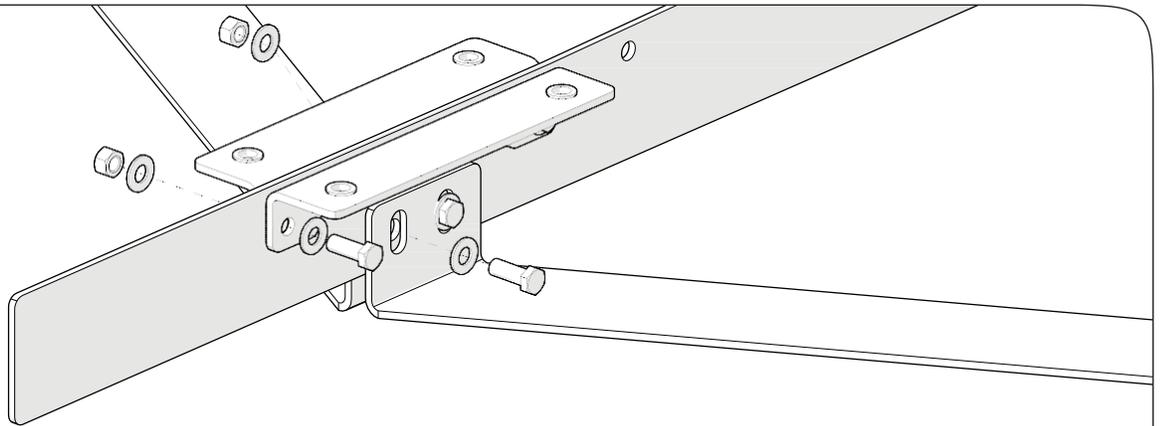


NOTE: All ribs are on the right side of the tab. Pull ribs tight to post.

- 6x  Rib (249118)
- 12x  3/8" Standard Hex Nut (100327)

- 12x  3/8" x 1" Hex Screw (100206)
- 24x  3/8" SAE Washer (100365)

STEP 4



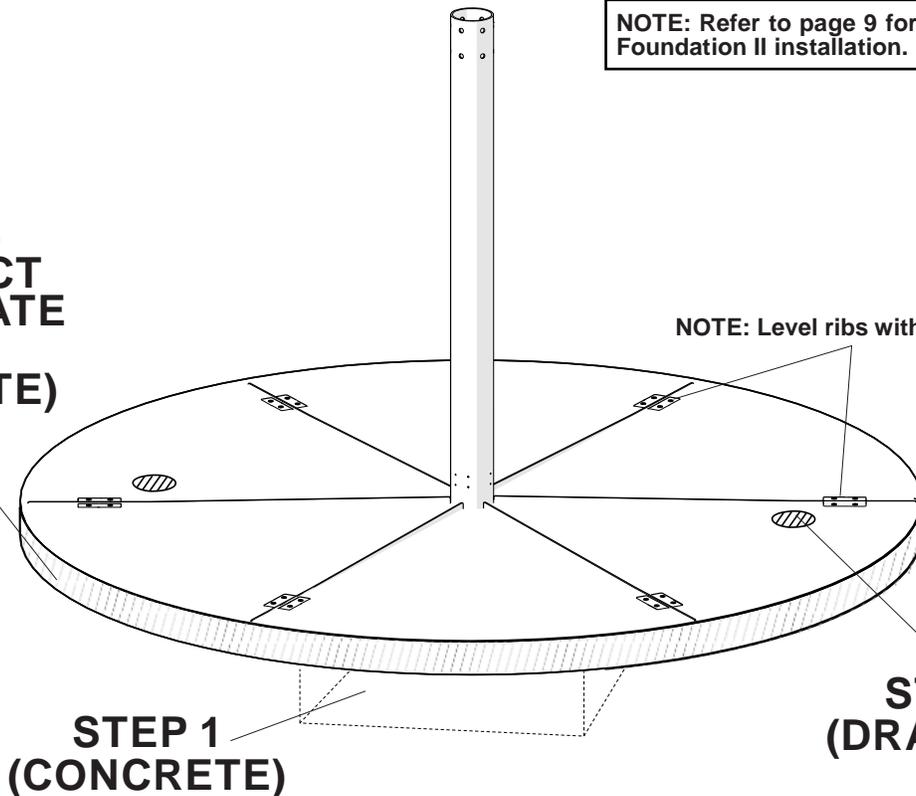
- | | | | | | |
|-----|--|-----------------------------------|-----|--|---------------------------------|
| 12x | | Rib Bracket
(249120) | 24x | | 3/8" x 1" Hex Screw
(100206) |
| 24x | | 3/8" Standard Hex Nut
(100327) | 48x | | 3/8" SAE Washer
(100365) |
| 6x | | Rib Footer
(249119) | | | |

FOUNDATION II

NOTE: Refer to page 9 for in-field photos of Foundation II installation.

**STEP 3
(COMPACT
AGGREGATE
OR
CONCRETE)**

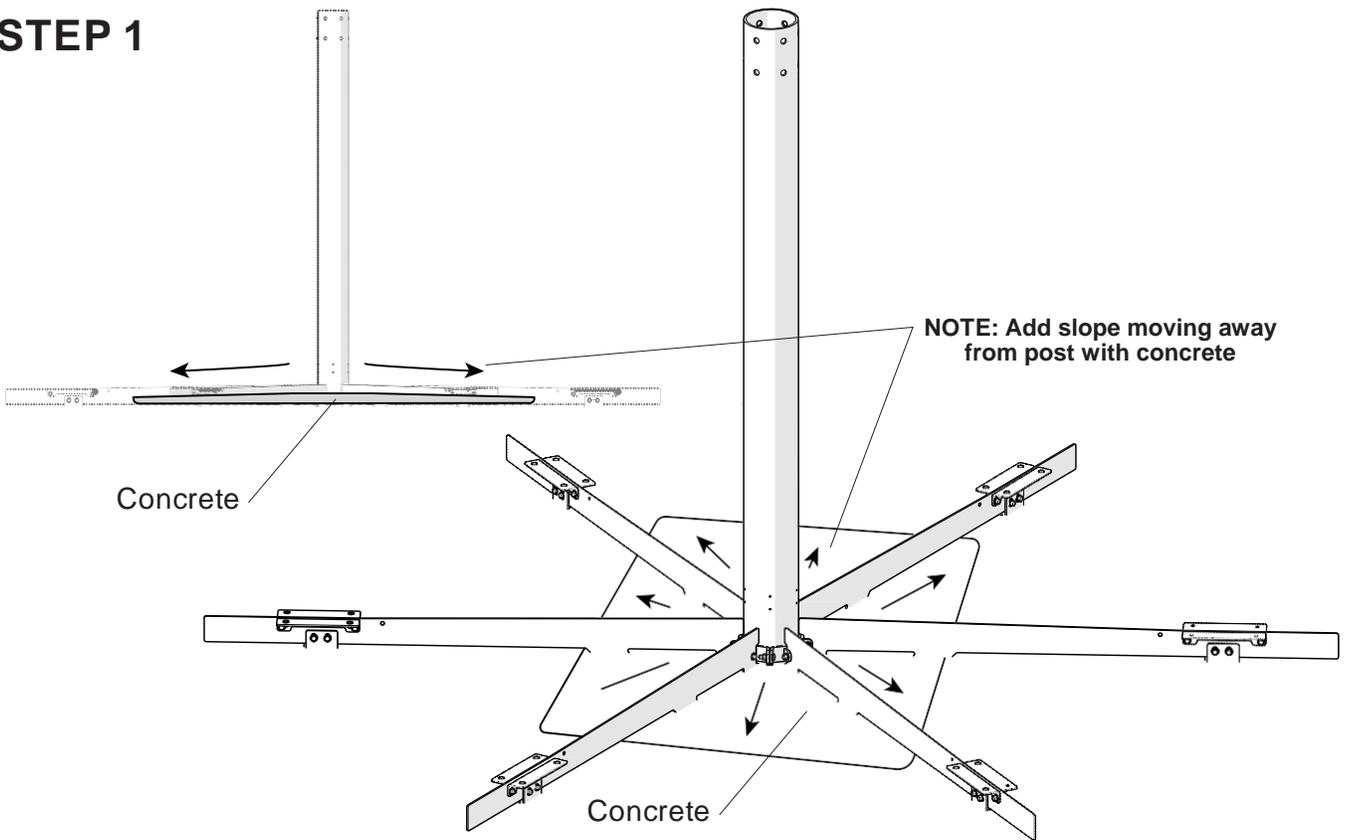
NOTE: Level ribs with aggregate/concrete



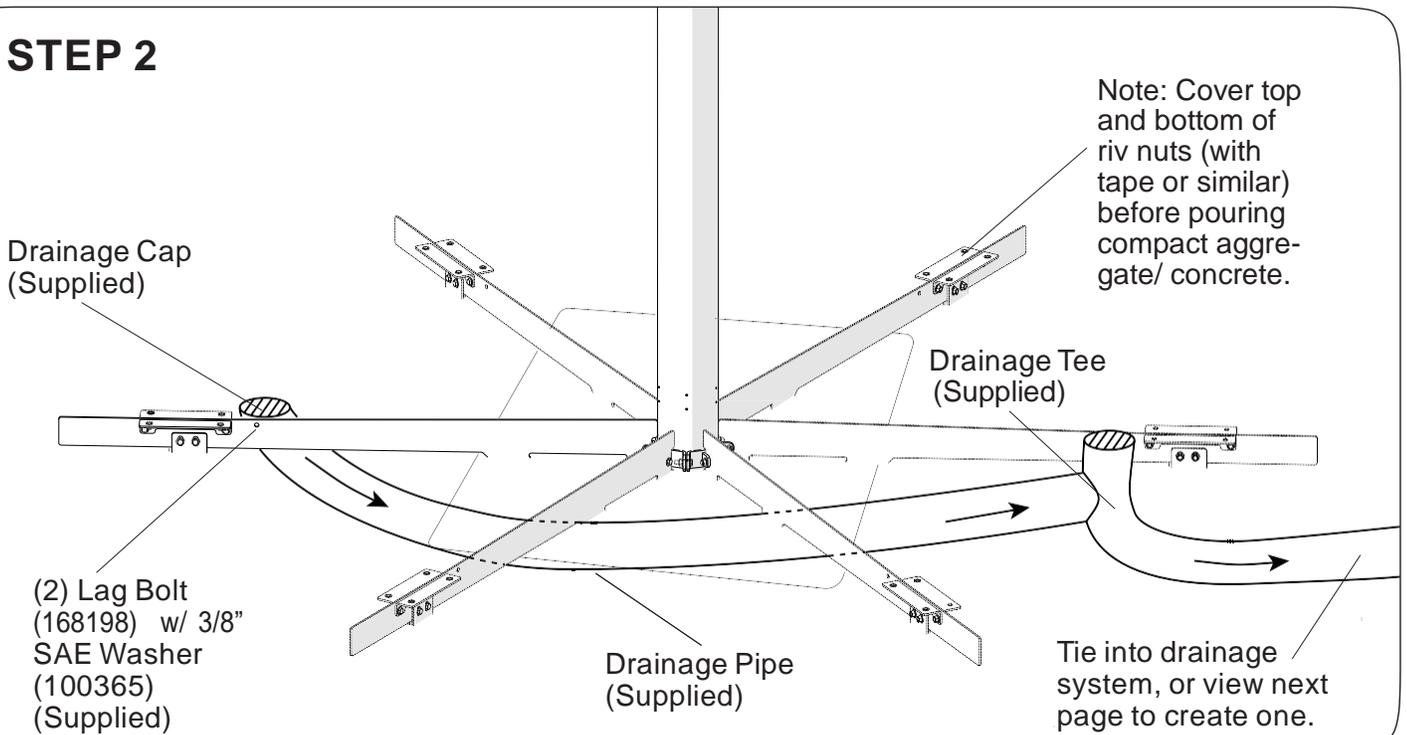
**STEP 1
(CONCRETE)**

**STEP 2
(DRAINAGE)**

STEP 1

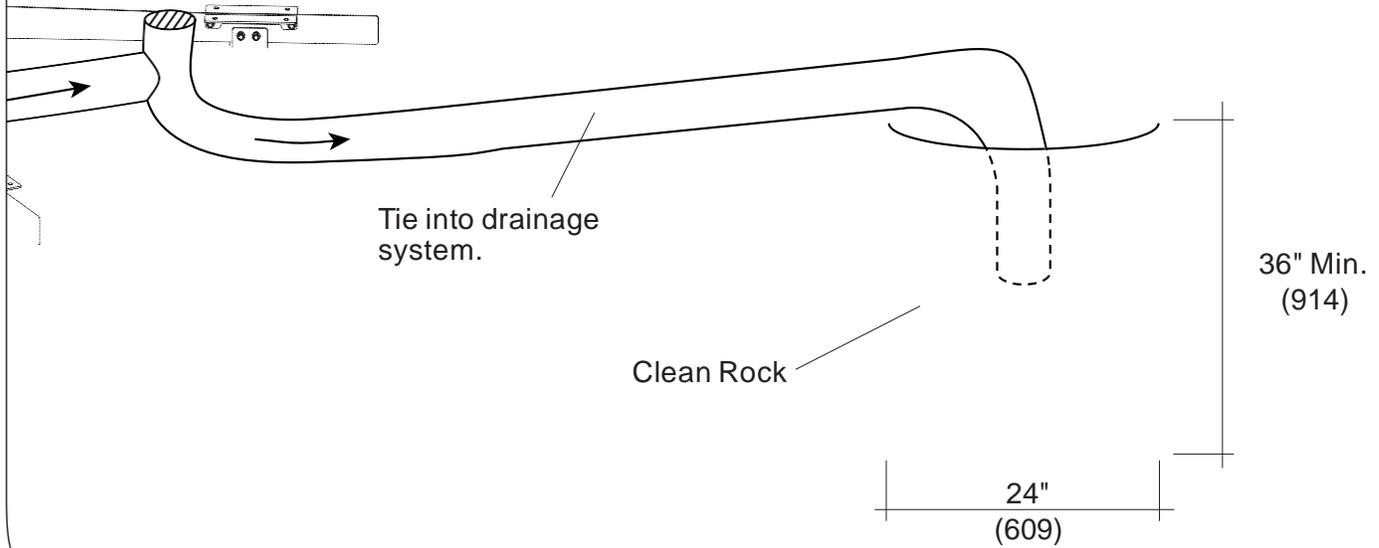


STEP 2



STEP 3

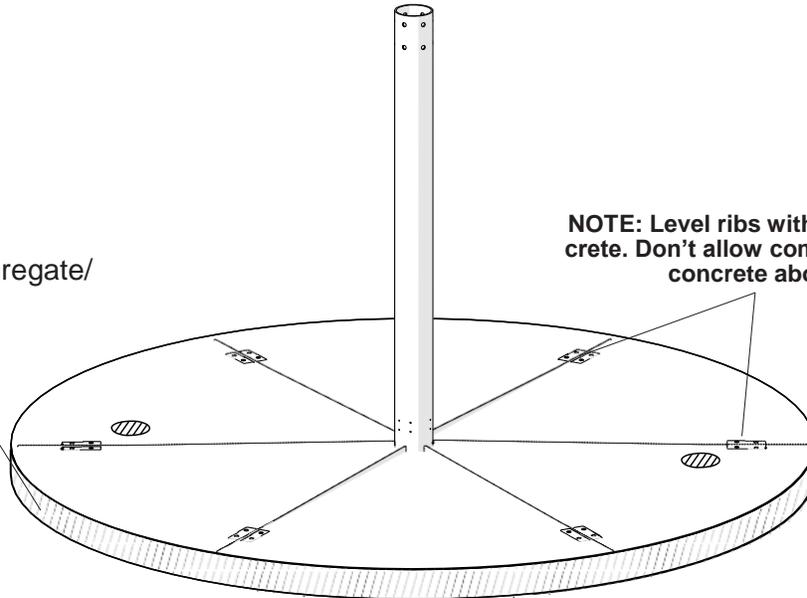
Note: For sites without an existing drainage system.



STEP 4

Compact Aggregate/
Concrete

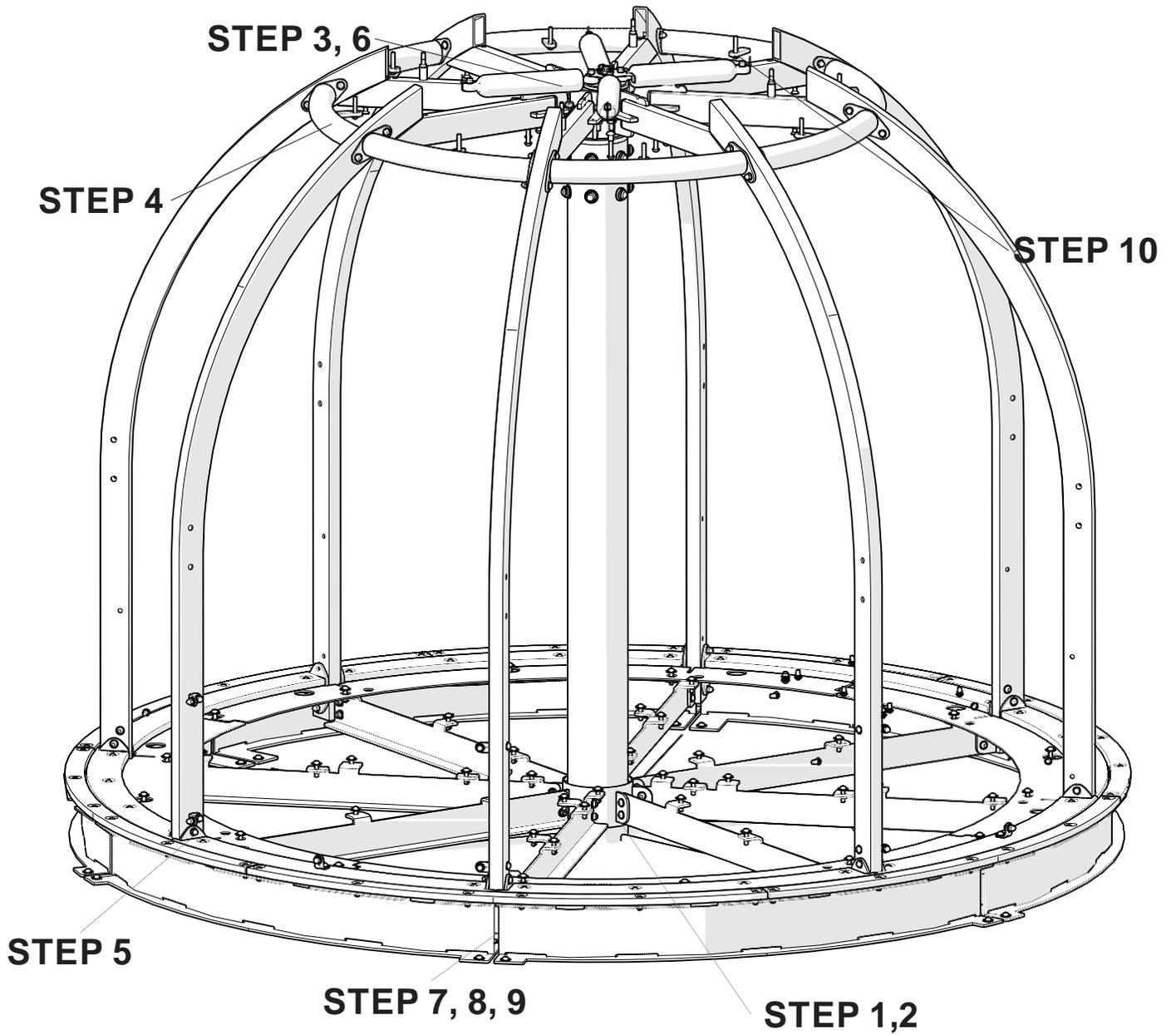
NOTE: Level ribs with aggregate/
concrete. Don't allow compact aggregate/
concrete above ribs.



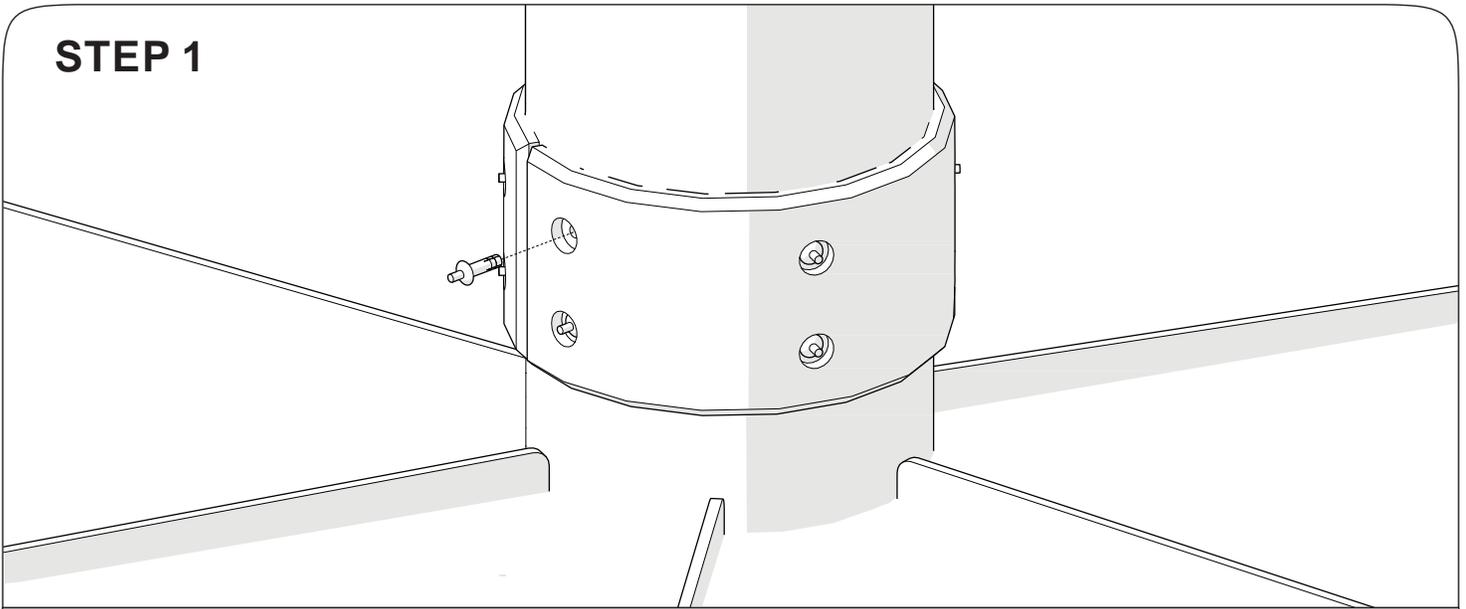
landscape
structures®



STRUCTURE



STEP 1



12x



$\frac{3}{16}$ x $\frac{1}{2}$ " Drive Rivet (100606)

2x



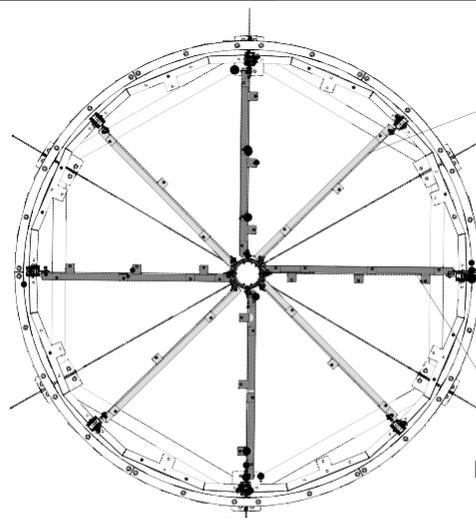
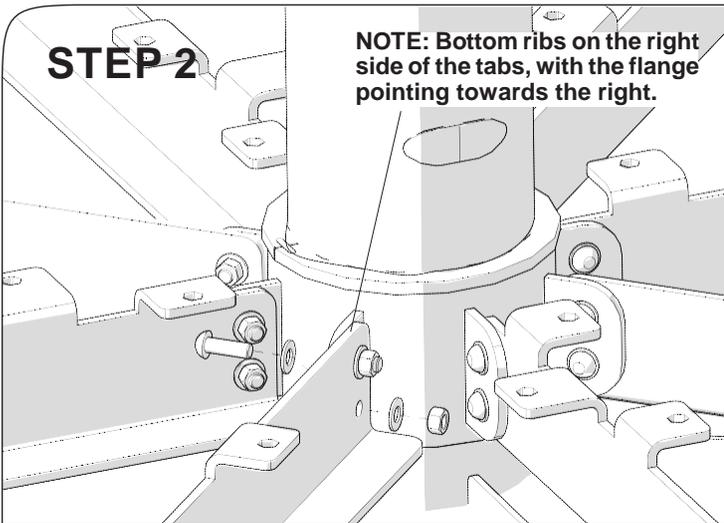
Bushing Tube (212200)



<https://bit.ly/2T8GfGk>

STEP 2

NOTE: Bottom ribs on the right side of the tabs, with the flange pointing towards the right.



(4) 3 Tab Bottom Rib

NOTE: Alternate 3 and 7 tab bottom ribs as shown.

(4) 7 Tab Bottom Rib

16x



$\frac{3}{8}$ " Standard Hex Nut (100327)

4x



3 Tab Bottom Rib (249267)

4x



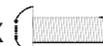
7 Tab Bottom Rib (249266)

1



Global Motion Bushing Belt (254468)

16x



$\frac{3}{8}$ x $1\frac{1}{2}$ " BHCS (100198)

32x



$\frac{3}{8}$ " SAE Washer (100365)

1x



Bottom Rib Mount (248520)

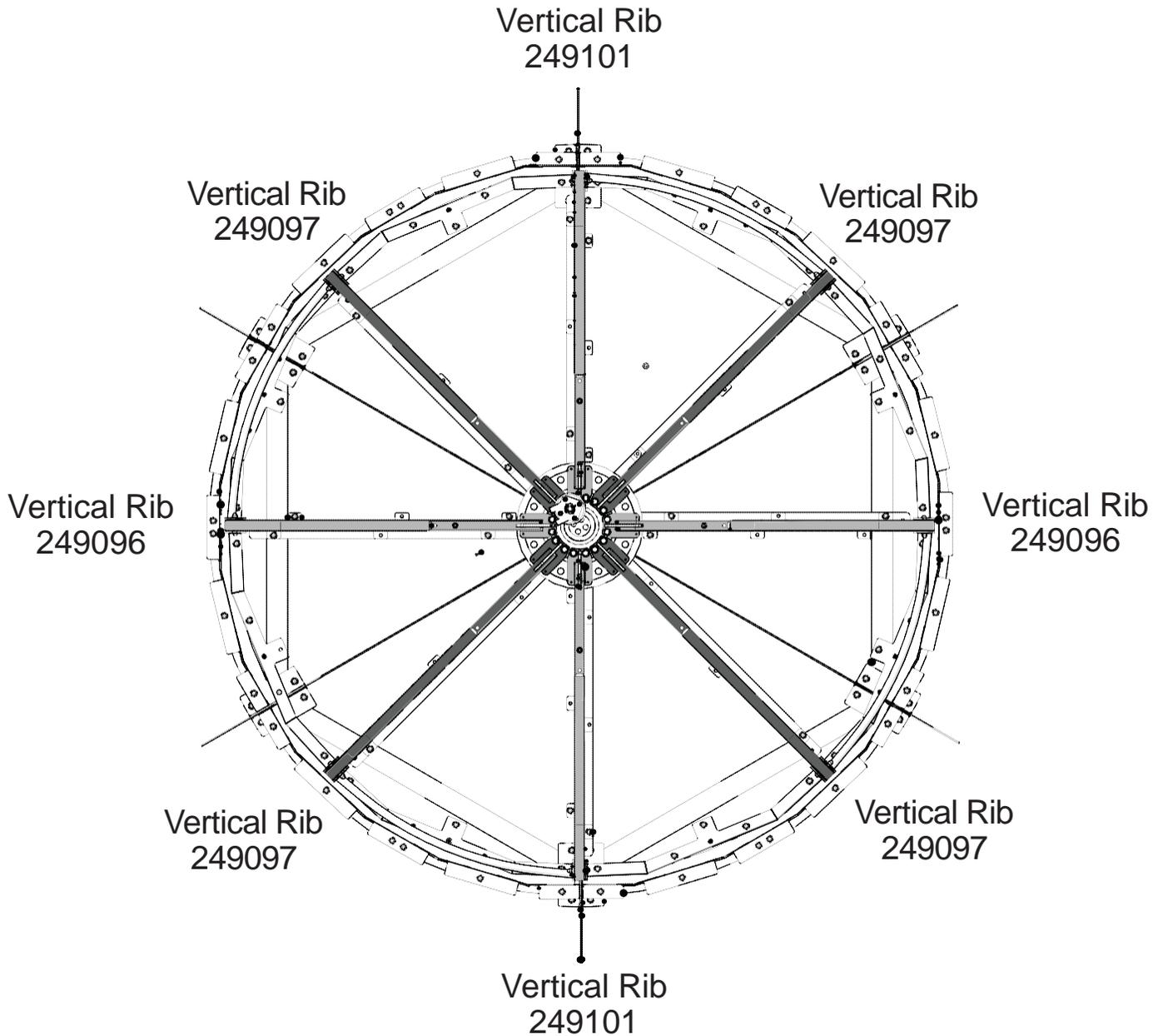
1x



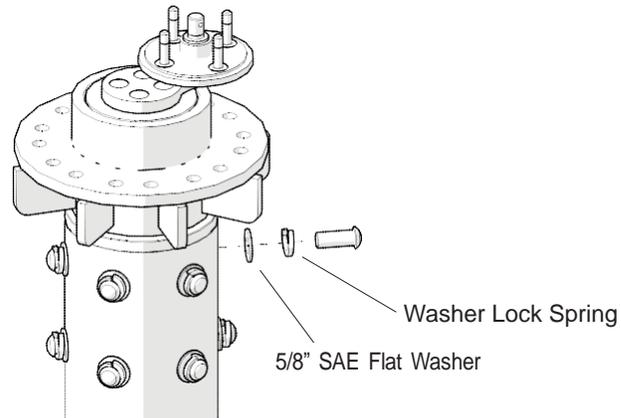
Cable Tie 5 - $\frac{3}{4}$ " (109680)

REFERENCE FOR STEP 4

NOTE: Orientation of the Vertical ribs and
3 Tab/ 7 Tab Bottom ribs are independent
of each other.

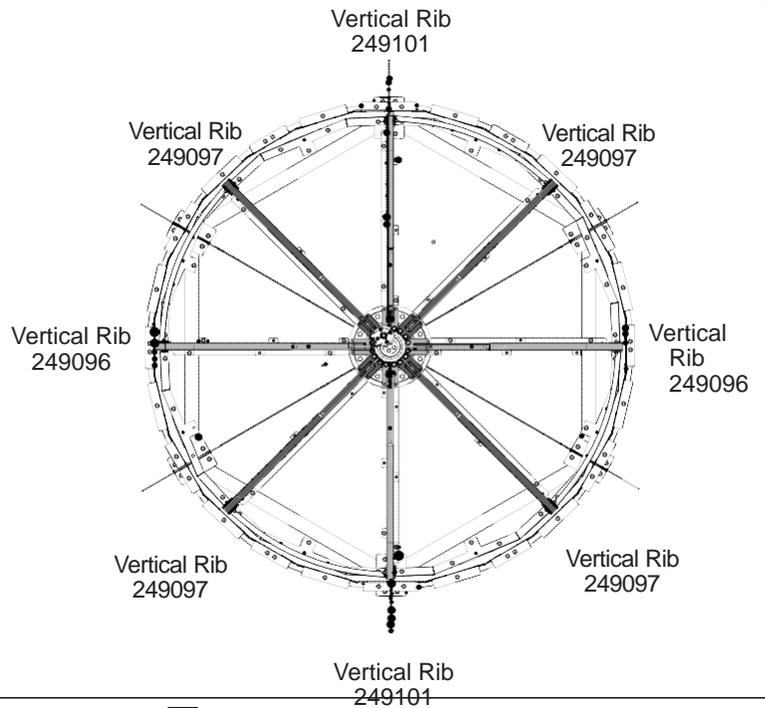
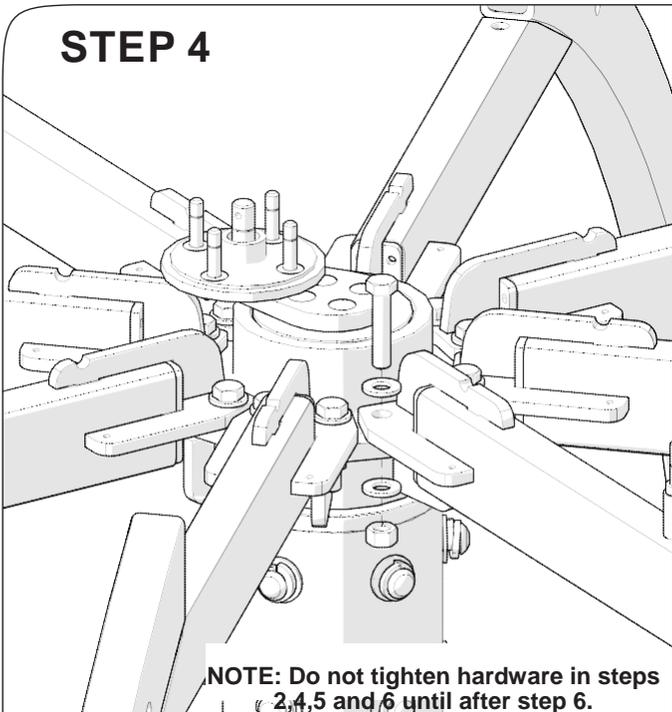


STEP 3



- | | | | | | |
|-----|--|--|-----|--|--------------------------------|
| 1x | | 1.25 Offset Bearing and Hub Assembly
(254134) | 12x | | 5/8 x 1 1/2" BHCS
(100201) |
| 12x | | 5/8" SAE Flat Washer
(129500) | 12 | | Washer Lock Spring
(175652) |

STEP 4



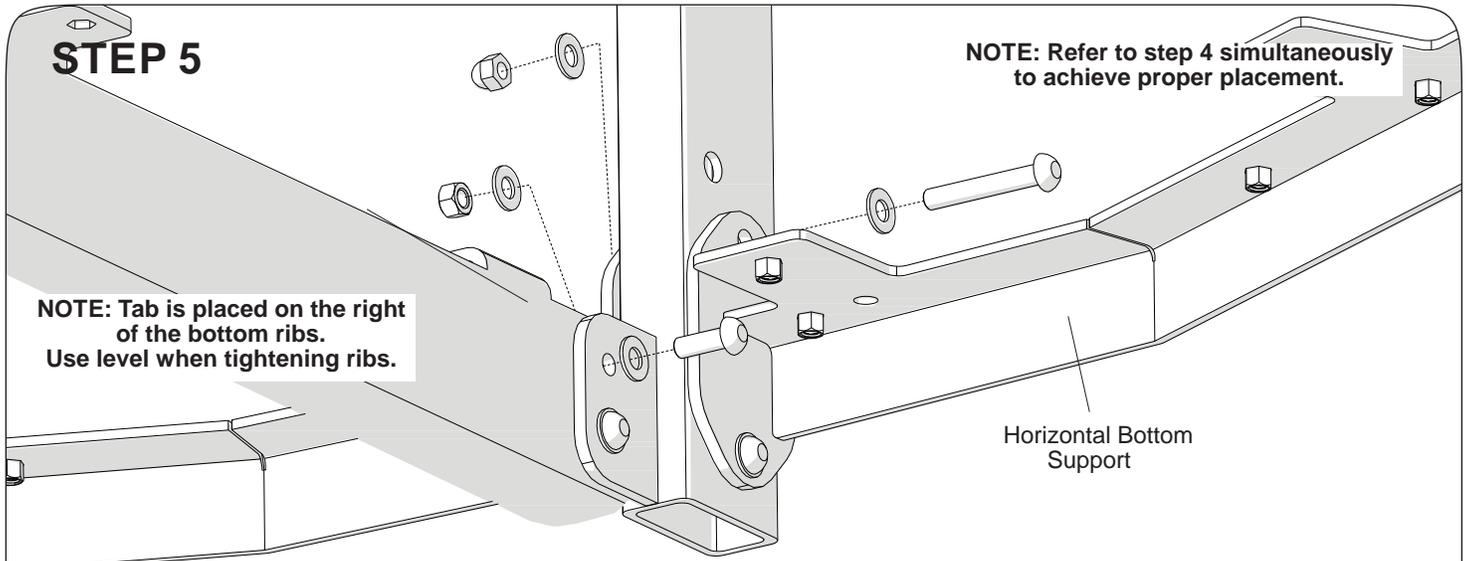
NOTE: Do not tighten hardware in steps 2, 4, 5 and 6 until after step 6.

- | | | | | | |
|----|--|---|-----|--|-------------------------------------|
| 2x | | Vertical Rib w/Pin and 1 Insert
(249101) | 16x | | 1/2" Standard Hex Nut
(129692) |
| 4x | | Vertical Rib w/o Pin and 1 Insert
(249097) | 16x | | 1/2" x 2 1/4" Hex Screw
(131862) |
| 2x | | Vertical Rib w/Pin and 4 Inserts
(249096) | 32x | | 1/2" SAE Washer
(113550) |

STEP 5

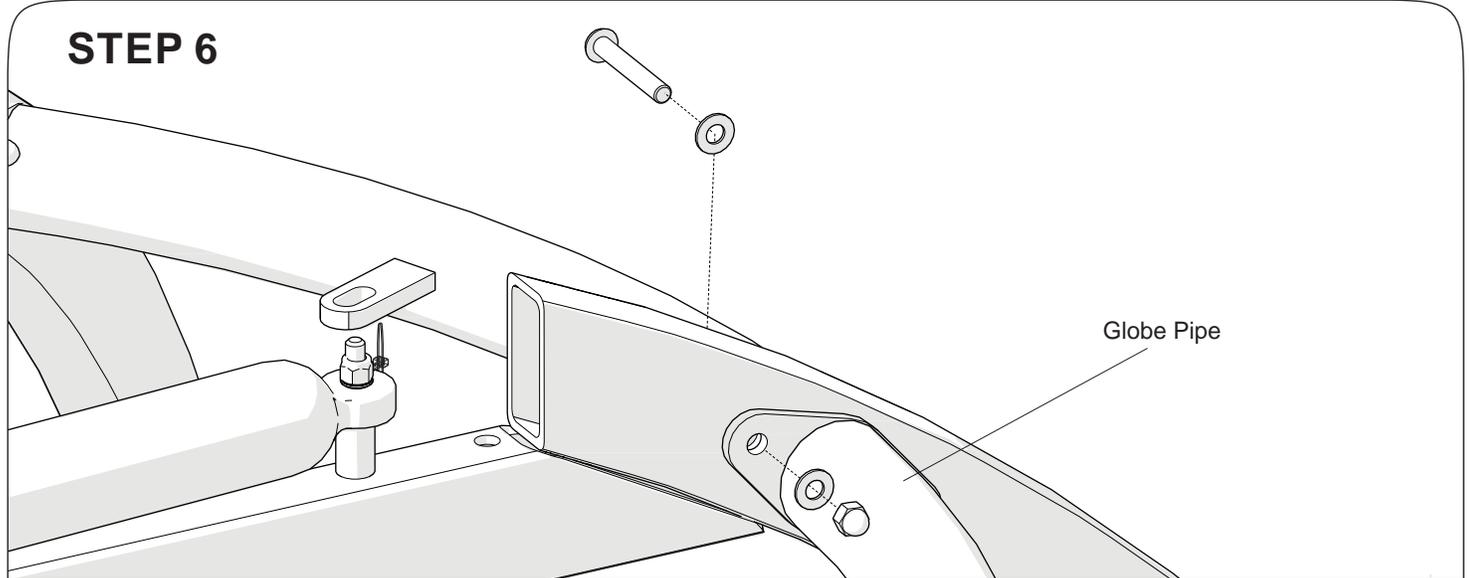
NOTE: Refer to step 4 simultaneously to achieve proper placement.

NOTE: Tab is placed on the right of the bottom ribs. Use level when tightening ribs.



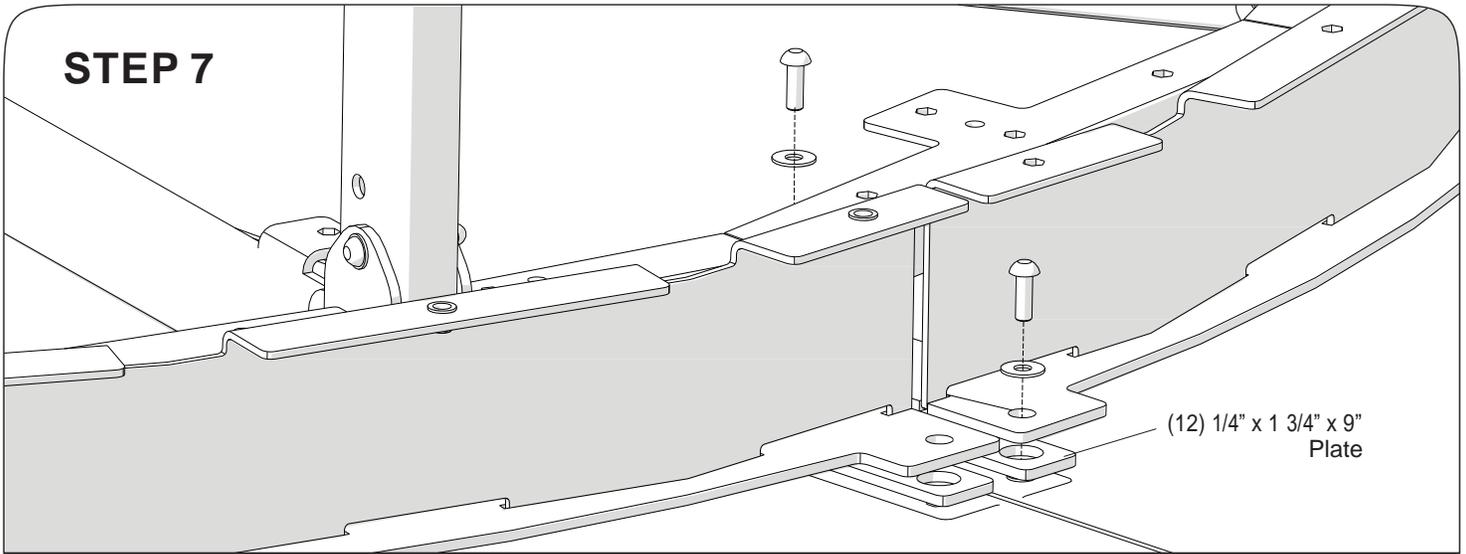
- | | | | | | |
|-----|--|---|-----|--|---|
| 8x | | Horizontal Bottom Support (249286) | 16x | | $\frac{3}{8}$ " Standard Hex Nut (100327) |
| 16x | | $\frac{3}{8}$ " Low Crown Hex Nut (100349) | 64x | | $\frac{3}{8}$ " SAE Washer (100365) |
| 16x | | $\frac{3}{8}$ x 2 $\frac{1}{2}$ " BHCS (100174) | 16x | | $\frac{3}{8}$ x 1 $\frac{1}{8}$ " BHCS (100198) |

STEP 6



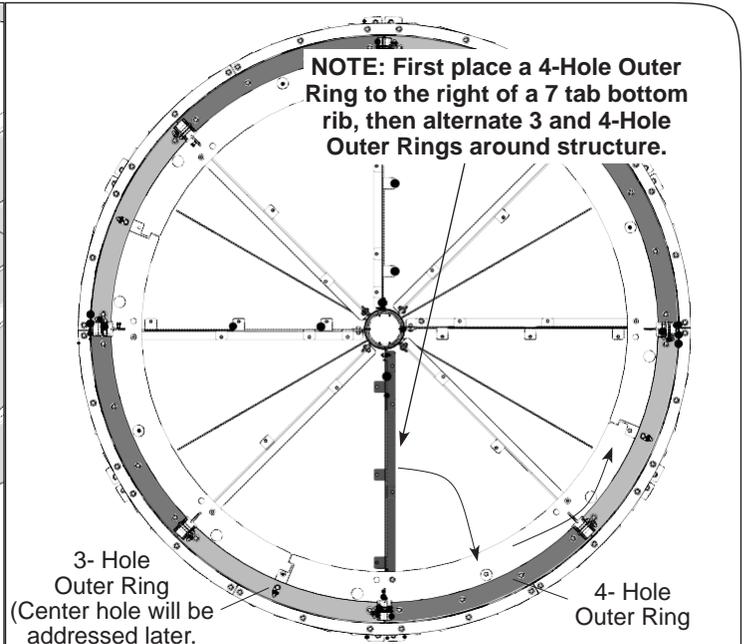
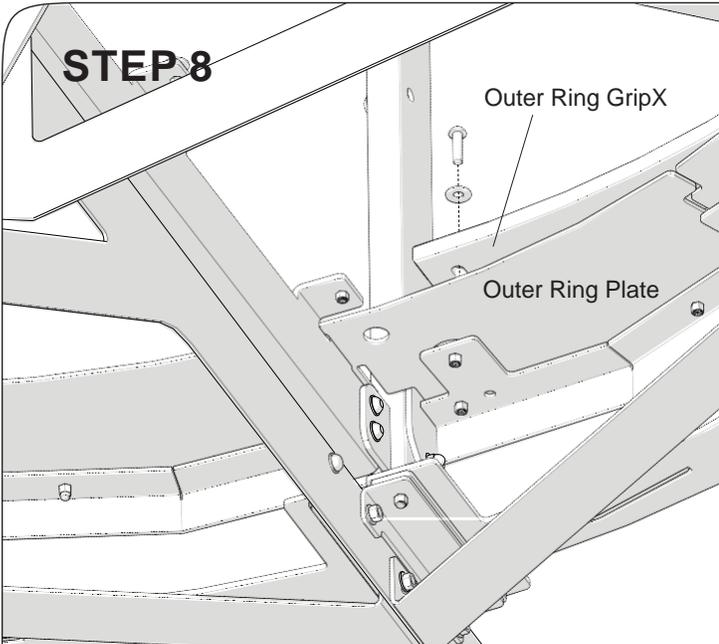
- | | | | | | |
|-----|--|--|-----|--|---|
| 8x | | Globe Pipe (226880) | 16x | | $\frac{3}{8}$ x 2 $\frac{1}{2}$ " BHCS (100174) |
| 16x | | $\frac{3}{8}$ " Low Crown Hex Nut (100349) | 32x | | $\frac{3}{8}$ " SAE Washer (100365) |

STEP 7



- | | | | | | |
|-----|---|---|-----|---|--|
| 6 |  | Skirt
(249113) | 24x |  | $\frac{3}{8}$ x 1 $\frac{1}{8}$ " BHCS
(100198) |
| 24x |  | $\frac{3}{8}$ " Flat Washer
(100362) | 12x |  | 1/4" x 1 3/4" x 9" Plate
(253825) |

STEP 8



- | | | | | | |
|----|---|--|-----|---|--|
| 4x |  | Black 3- Hole Outer Ring GripX
(246601) | 24x |  | $\frac{3}{8}$ x 1 $\frac{3}{8}$ " BHCS
(113027) |
| 4x |  | Black 4 Hole Outer Ring GripX
(246441) | 24x |  | $\frac{3}{8}$ " Flat Washer
(100362) |
| 4x |  | Outer Ring Plate
(250371) | | | |



<https://bit.ly/2DTsWVh>

STEP 9

NOTE: While placing GripX into place ensure gap doesn't exceed 5/16" while spinning. Alternate Outer Skirt Grip X A (258597) and B (258598).

Grey Outer Skirt
Grip X B (258598)

Grey Outer Skirt
Grip X A(258597)

- 6x  Grey Outer Skirt Grip X B (258598)
- 36x  Grey Outer Skirt Grip X A (258597)
-  3/8" Flat Washer (100362)
-  3/8" x 1 1/2" BHCS (100198)

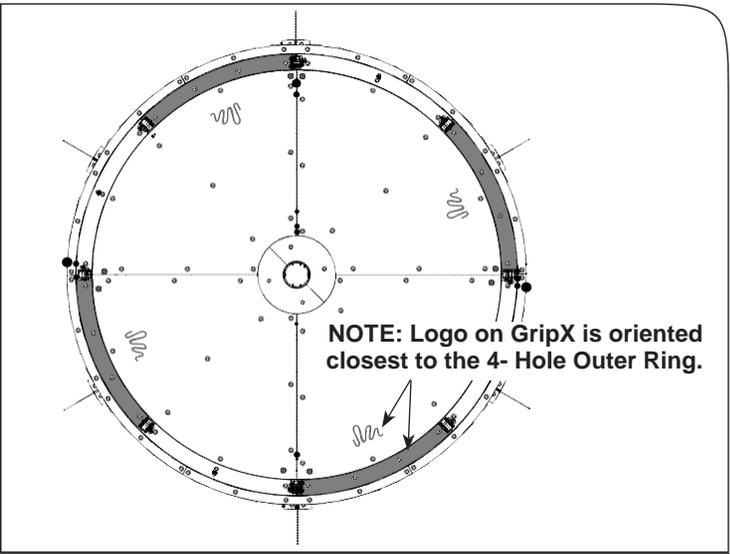
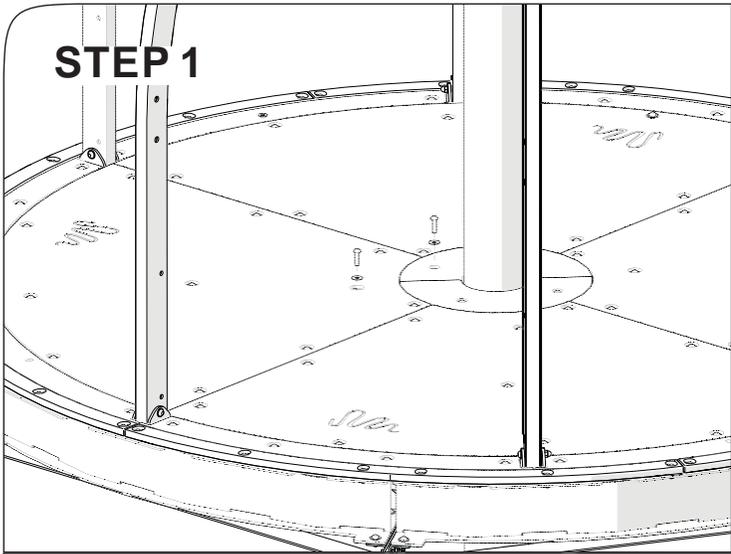
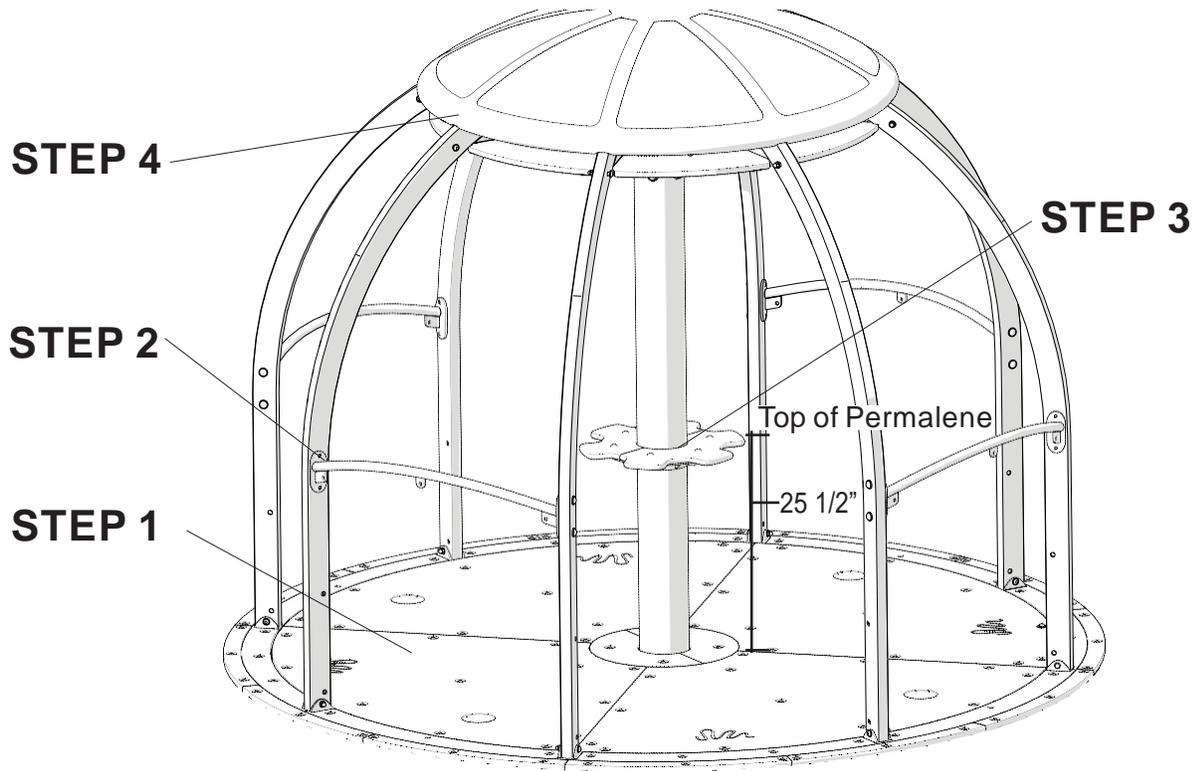
STEP 10

(8) 3/8" Nylock Hex Nut

Hub Clamp

- 4x  70 Series Shock (215884)
- 8x  3/8" Nylock Hex Nut (136931)
- 1x  Hub Clamp (222306)

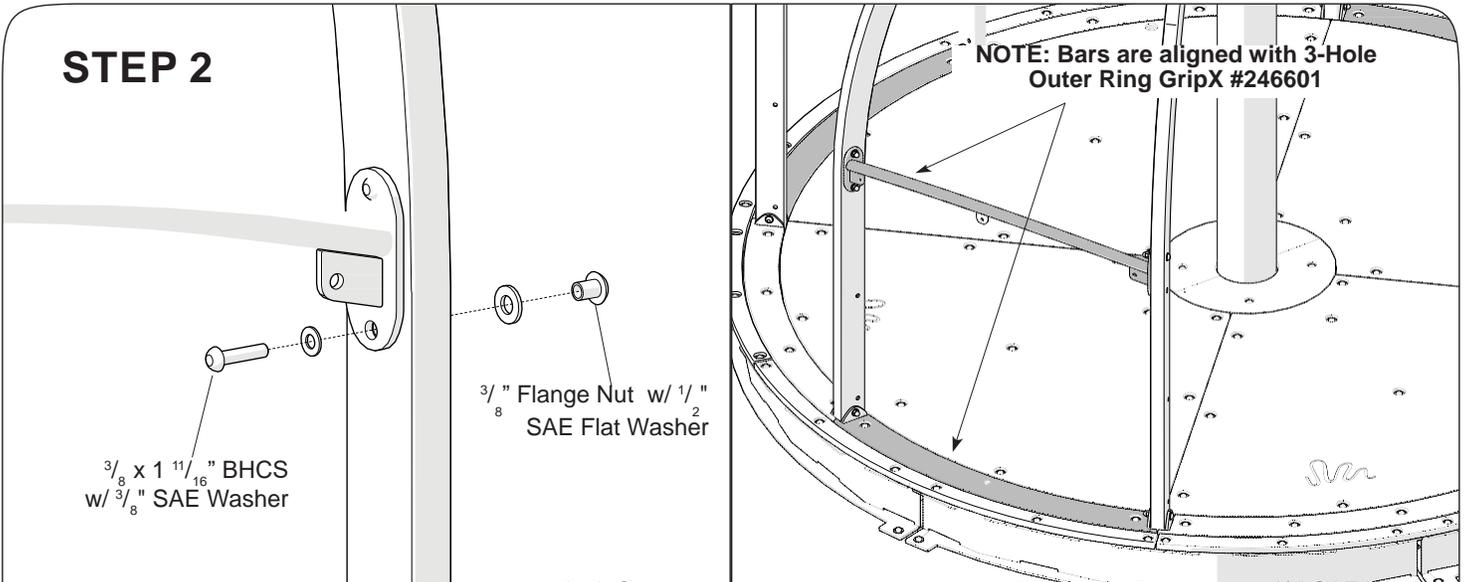
INTERIOR I



- 56x  $\frac{3}{8}$ x 1 $\frac{3}{8}$ " BHCS (113027)
- 56x  $\frac{3}{8}$ " Flat Washer (100362)

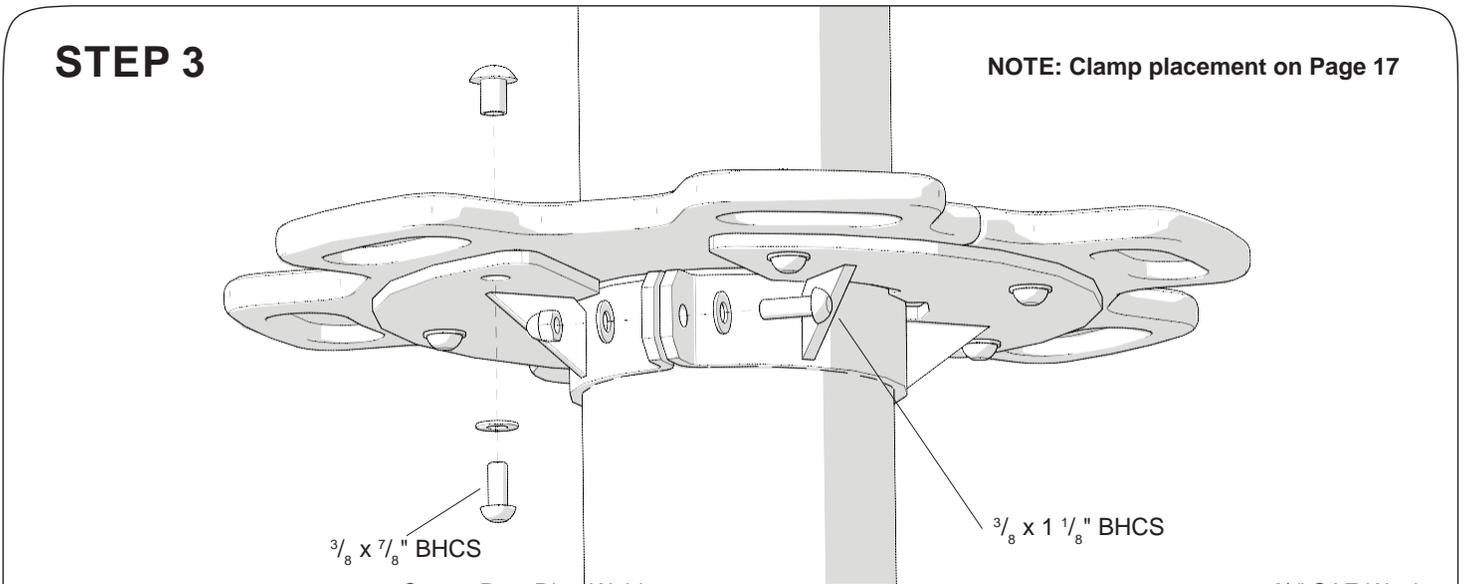
- 4x  Black Outer Deck GripX (246434)
- 2  Black Center Deck GripX (246435)

STEP 2



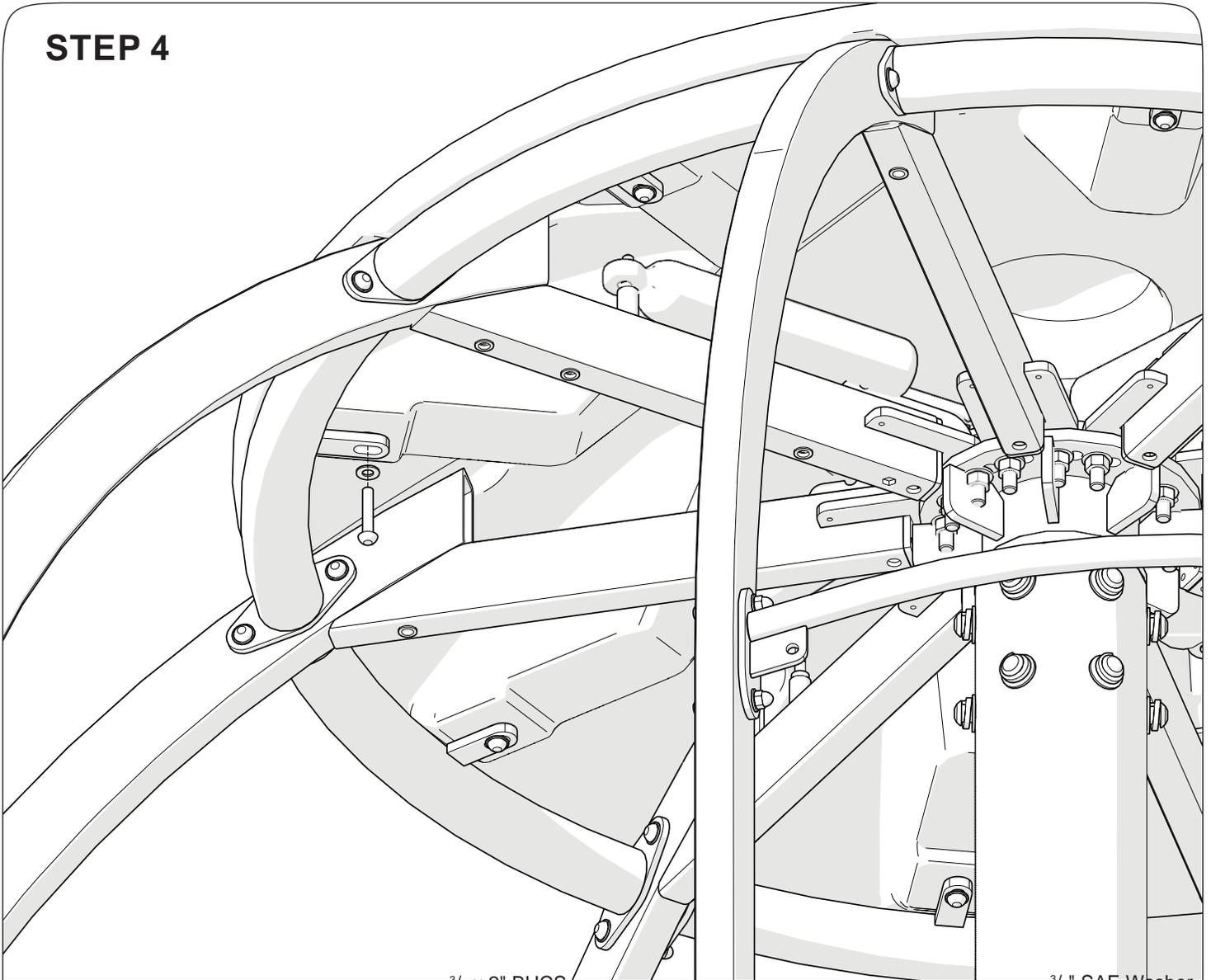
- | | | | | | |
|-----|--|---|-----|--|-------------------------------------|
| 4x | | Arch Support (249105) | 16x | | $\frac{3}{8}$ " SAE Washer (100365) |
| 16x | | $\frac{3}{8}$ x $1 \frac{11}{16}$ " BHCS (123224) | 16x | | $\frac{3}{8}$ " Flange Nut (100353) |
| 16x | | $\frac{1}{2}$ " SAE Flat Washer (113550) | | | |

STEP 3



- | | | | | | |
|----|--|--|-----|--|--|
| 2x | | Center Post Ring Weldment (249268) | 10x | | $\frac{3}{8}$ " SAE Washer (100365) |
| 2x | | Center Ring Permalene (246424) | 2x | | $\frac{3}{8}$ " Low Crown Hex Nut (100349) |
| 2x | | $\frac{3}{8}$ x $1 \frac{1}{8}$ " BHCS (100198) | 6x | | $\frac{3}{8}$ " Flange Nut (100353) |
| | | 6x $\frac{3}{8}$ x $7 \frac{7}{8}$ " BHCS (100196) | | | |

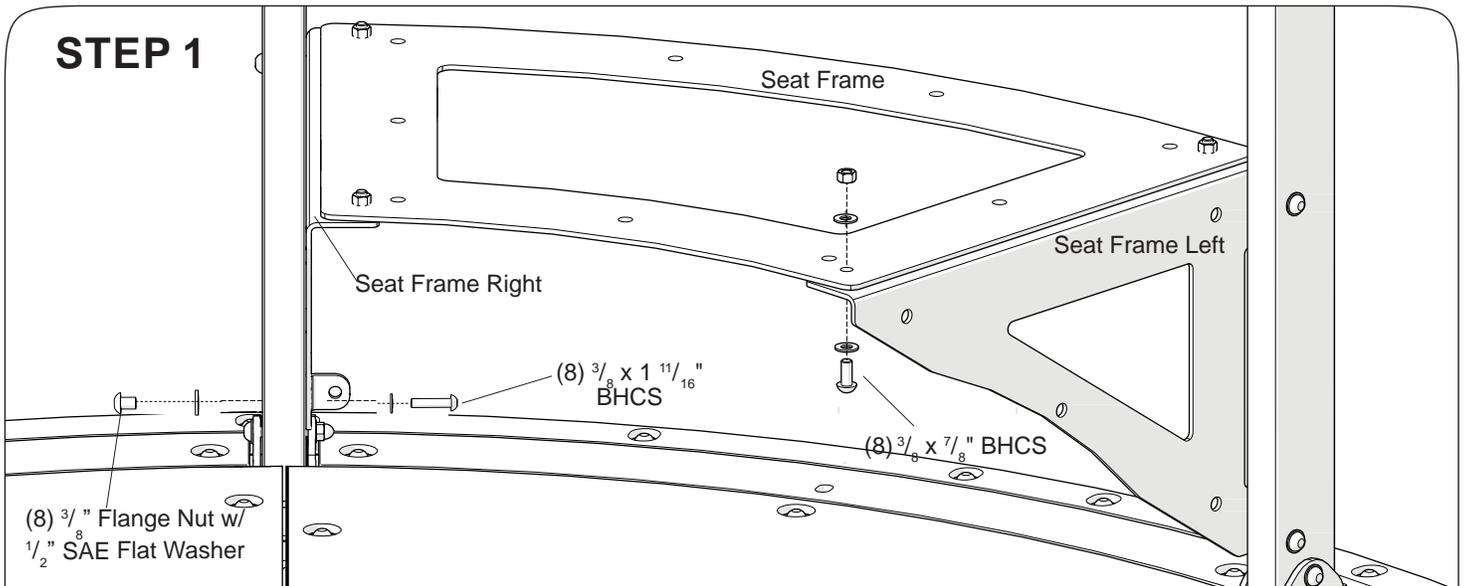
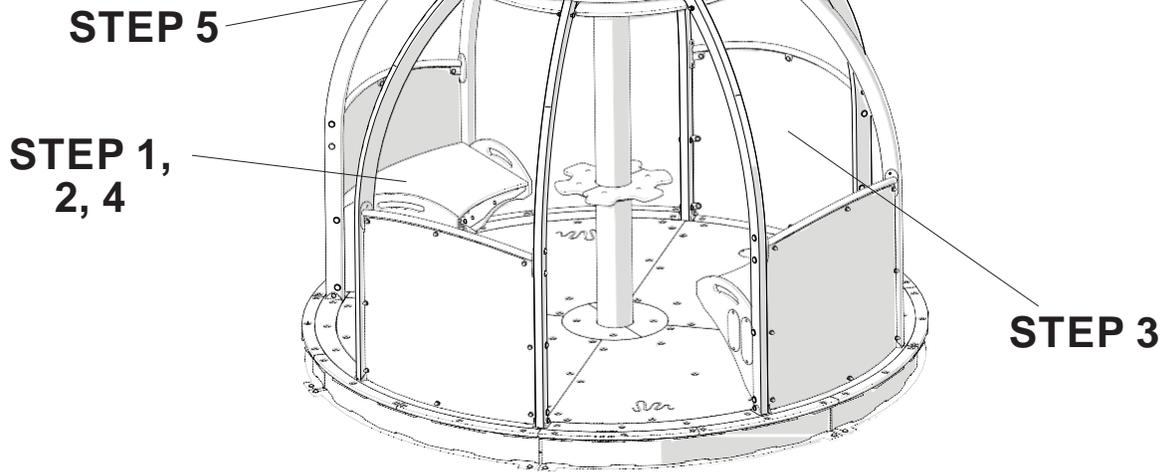
STEP 4



- 8x  $\frac{3}{8}$ x 2" BHCS ⁸ (100173)
- 1x  Spinner Top (215474)
- 8x  $\frac{3}{8}$ " SAE Washer ⁸ (100365)

INTERIOR II

NOTE: Document shows quantities for 2 seat configuration. When assembling a 3 seat configuration refer to quantities in the bill of materials.



2X		Seat Frame (249116)	2X		Seat Frame Right (249114)
2X		Seat Frame Left (249115)	8X		$\frac{3}{8}$ x $\frac{7}{8}$ inch BHCS (100196)
		$\frac{3}{8}$ inch SAE Washer	8X		$\frac{3}{8}$ x $1 \frac{11}{16}$ inch BHCS (123224)
24X		$\frac{1}{2}$ inch SAE Flat Washer (100365)			$\frac{3}{8}$ inch Standard Hex Nut (100327)
8X		$\frac{3}{8}$ inch Flange Nut (113550)			
8X		$\frac{3}{8}$ inch Flange Nut (100353)			

NOTE: Document shows quantities for 2 seat configuration. When assembling a 3 seat configuration refer to quantities in the bill of materials.

STEP 2

(16) $\frac{3}{8}$ " Low Crown

Seat Frame

(2) Panel With Seat Frame

(2) $\frac{3}{8}$ x 1 $\frac{11}{16}$ " BHCS

(16) $\frac{3}{8}$ x $\frac{7}{8}$ " BHCS

(2) $\frac{3}{8}$ x $\frac{7}{8}$ " BHCS

$\frac{3}{8}$ " Low Crown Hex

SAE Washer

16x		$\frac{3}{8}$ " Low Crown Hex	34x		$\frac{3}{8}$ " SAE Washer (100365)
16x		$\frac{3}{8}$ x $\frac{7}{8}$ " BHCS (100196)	2x		90 Degree Bracket (147807)
2x		$\frac{3}{8}$ x 1 $\frac{11}{16}$ " BHCS (123224)	2x		Perf Panel (246428)

STEP 3

(2) Panel Without Seat Frame

(6) $\frac{3}{8}$ x $\frac{7}{8}$ " BHCS

(10) 90 Degree Bracket

(8) $\frac{3}{8}$ x 1 $\frac{11}{16}$ " BHCS w/ $\frac{3}{8}$ " SAE Washer

(10) $\frac{3}{8}$ x $\frac{7}{8}$ " BHCS

(2) $\frac{3}{8}$ x 1 $\frac{11}{16}$ " BHCS

(8) $\frac{3}{8}$ " Low Crown

(8) $\frac{3}{8}$ " Flange Nut w/ $\frac{1}{2}$ " SAE Flat Washer

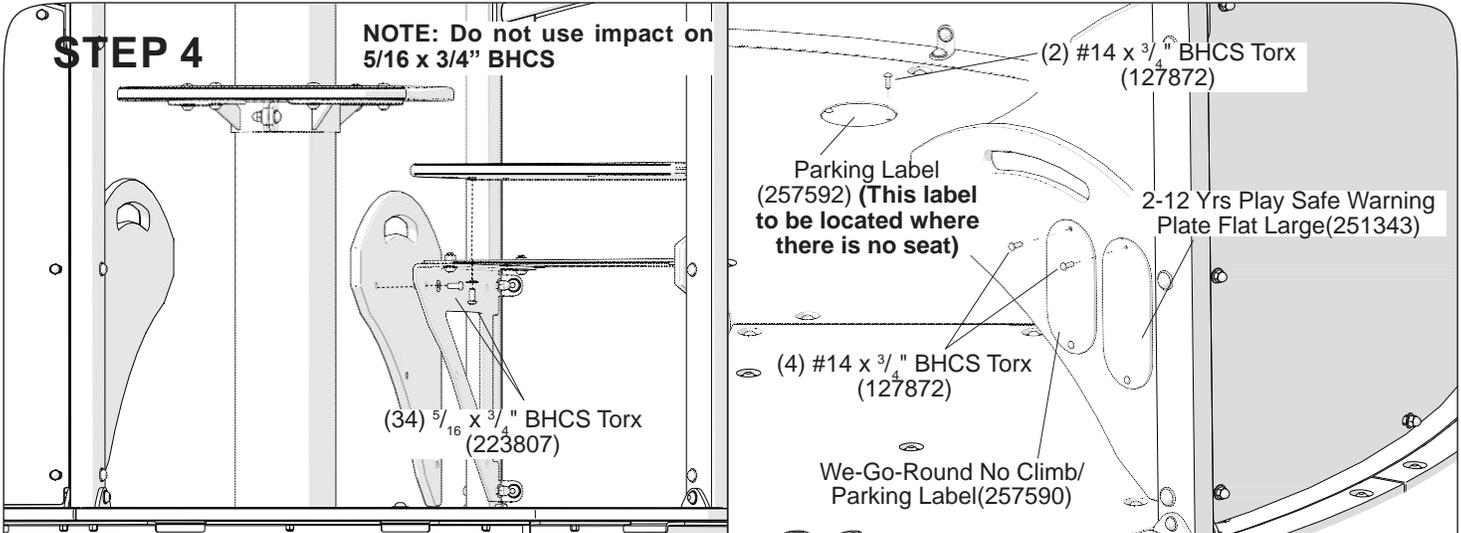
Perf Panel

90 Degree Bracket

2x		(246428)	10x		(147807)
16x		$\frac{3}{8}$ " Low Crown Hex	42x		$\frac{3}{8}$ " SAE Washer (100365)
10x		$\frac{3}{8}$ x 1 $\frac{11}{16}$ " BHCS (123224)	8x		$\frac{3}{8}$ " Flange Nut (100355)
16x		$\frac{3}{8}$ x $\frac{7}{8}$ " BHCS (100196)	8x		$\frac{1}{2}$ " SAE Flat Washer (113550)

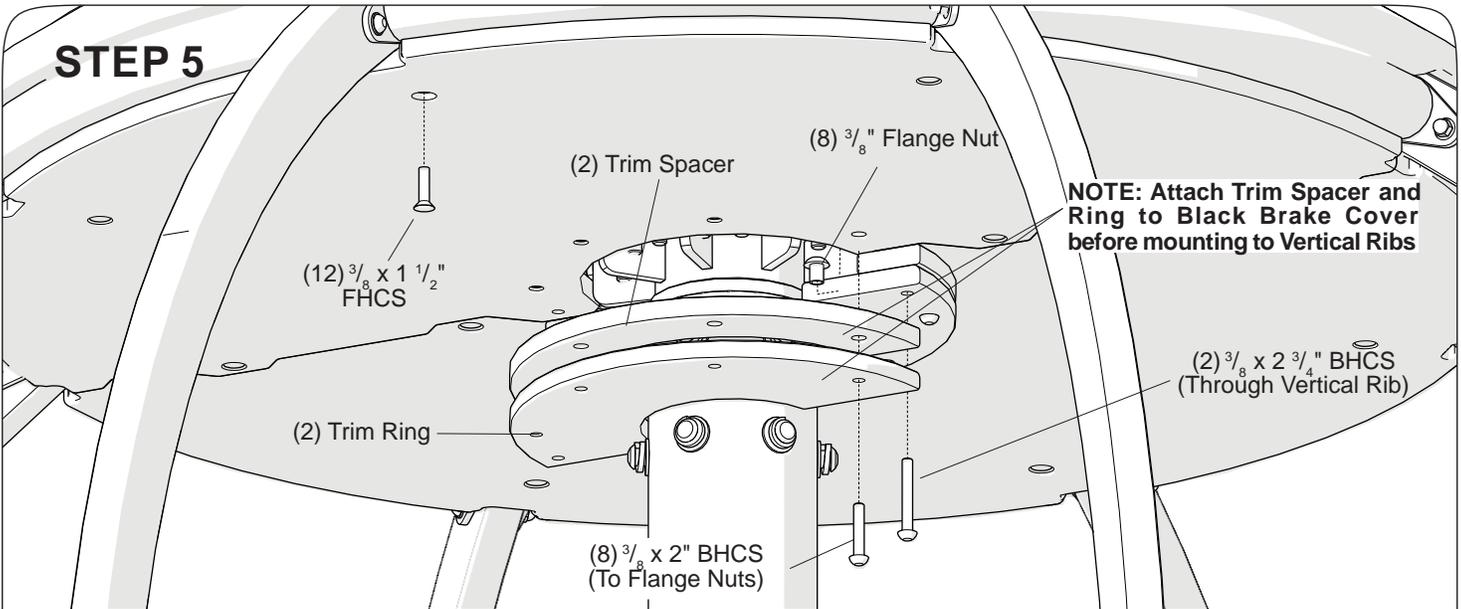
STEP 4

NOTE: Do not use impact on 5/16 x 3/4" BHCS



- | | | | | | |
|-----|--|---|-----|--|--|
| 2x | | Seat Top (246425) | 2 | | Seat Panel Right (246427) |
| 2x | | Seat Panel Left (246426) | 34x | | 5/16 x 3/4 inch BHCS Torx (223807) |
| 34x | | 5/16 inch SAE Flat Washer (223956) | 6 | | #14 x 3/4 inch BHCS Torx (127872) |
| 1x | | Parking Label (257592) | 1x | | 2-12 Yrs Play Safe Warning Plate Flat Large (251343) |
| 1x | | Warning No Climb/Parking Label (257590) | | | |

STEP 5



- | | | | | | |
|----|--|--------------------------------|-----|--|--------------------------------|
| 2x | | Black Brake Cover (215887) | 2x | | Trim Ring (218445) |
| 2x | | Black Trim Spacer (218444) | 8x | | 3/8 x 2 inch BHCS (100173) |
| 2x | | 3/8 x 2 3/4 inch BHCS (100175) | 12x | | 3/8 x 1 1/2 inch FHCS (151421) |
| 8x | | 3/8 inch Flange Nut (100353) | | | |

Kids In Motion 251036 We-Go-Round™ HDG w/Perf Panels

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Parts List - 2 Seat Option

Part#	Description	Qty.
147807	Angle Brkt Pnt, Dark Matte Grey.....	12
212200	Bushing Uhmw 6I Tube.....	2
215474	Globe Spinner Top Roto, Specify Color.....	1
215887	Globe Brake Cover, Black.....	2
254134	1.25 Offse Bearing + Hub Asm.....	1
218444	Trim Spacer Globe, Black.....	2
218445	Trim Ring Globe, Black.....	2
222306	Global Motion® Hub Clamp Sst.....	1
222399	#3 Rebar X 18I.....	2
226880	Globe Pipe Bot W/O Net Galv.....	8
246424	Ctr Ring Perm, Specify Color.....	2
246425	Seat Pnl Top, Specify Color.....	2
246426	Seat Pnl Lh, Specify Color.....	2
246427	Seat Pnl Rh, Specify Color.....	2
246428	Perf Pnl Pnt, Dark Matte Grey.....	4
246434	Main Deck Gripx, Black.....	4
246435	Ctr Deck Gripx, Black.....	2
246441	Otr Ring Perm 4 Hole, Black.....	4
246601	Otr Ring Perm With Tab Slot, Black.....	4
258597	Otr Skirt GripX A, Gray in color.....	6
258598	Otr Skirt GripX B, Gray in color.....	6
248520	Btm Rib Mnt Machined.....	1
249096	Vert Rib With Mtg Pin 4 Inserts Galv.....	2
249097	Vert Rib Wout Mtg Pin Galv.....	4
249101	Vert Rib With Mtg Pin 1 Insert Galv.....	2
249103	Horiz Btm Sprt Weldt Galv.....	8
249105	Arch Pnl Sprt Weldt Galv.....	4
249106	7 Flg Btm Rib Galv.....	4
249107	3 Flg Btm Rib Galv.....	4
249110	Otr Ring Plt Galv.....	4
249112	Ctr Post Ring Weldt Galv.....	2
249113	Otr Skirt Weldt Galv.....	6
249114	Seat Frm Rh Galv.....	2
249115	Seat Frm Lh Galv.....	2
249116	Seat Frm Plt Galv.....	2
249117	Rib Clmp, Install Weldt Galv.....	4
249118	Rib, Install Galv.....	6
249119	Rib Ftr, Install Galv.....	6
249120	Rib Brkt, Install Galv.....	12
249121	6.0 Od X .25 X 119.5I Post Galv.....	1
250643	4" X 300I Perf Drain Pipe.....	1
250644	4" Flexible Drain Tee.....	1
250645	4" Drain Cap.....	2
251007	4" Drain Coupler.....	2
215884	70 Series Shock.....	4
253825	9" Plate, HDG.....	12
254468	Global Motion Bushing Belt, Black.....	1
250568	Hdw Pkg We-Go-Round Rib Plates Asm.....	1
100206	Hex Cap 3/8X1i Sst Pat.....	36
100208	Hex Cap 3/8X1-1/2 Sst Pat.....	4
100327	Nut Hex Std 3/8-16 Sst.....	40
100365	Washer Flat Sae 3/8I Sst.....	82
100610	Rivet 1/4X5/8I Drv As.....	2
168198	Lag Scr Bh 6Lp 3/8X1-1/2I.....	2
253850	Hdw Pkg We-Go-Round Skirt Asm.....	1
100198	Bhcs 6Lp 3/8X1-1/8I Sst.....	60
100362	Washer Flat 3/8I Sst.....	60

258583	Hdw Pkg We-Go-Round Hub/Bushings.....	1
100201	Bhcs 6Lp 5/8X1-1/2I Sst.....	12
100606	Rivet 3/16X1/2I Drv Aa.....	12
109680	Cable Tie 5-3/4I Black.....	1
129500	Washer Flat Sae 5/8I Sst.....	12
136931	Nut Hex Nylok 3/8-16 Sst.....	8
175652	Washer Lock Spring 5/8I Sst.....	12
250580	Hdw Pkg We-Go-Round Frame Asm.....	1
100174	Bhcs 6Lp 3/8X2-1/2I Sstpat.....	32
100198	Bhcs 6Lp 3/8X1-1/8I Sst.....	32
100327	Nut Hex Std 3/8-16 Sst.....	32
100349	Nut L/C Cap 3/8-16 Sst.....	32
100365	Washer Flat Sae 3/8I Sst.....	128
113550	Washer Flat Sae 1/2I Sst.....	32
129692	Nut Hex Std 1/2-13 Sstpat.....	16
131862	Hex Cap 1/2X2-1/4 Sst.....	16
250586	Hdw Pkg We-Go-Round Brake Cover.....	1
100173	Bhcs 6Lp 3/8X2i Sst Pat.....	16
100175	Bhcs 6Lp 3/8X2-3/4I Sst.....	2
100353	Flg Nut 6Lp 3/8-16 Sst.....	8
100365	Washer Flat Sae 3/8I Sst.....	8
151421	Fhcs 6Lp 3/8X1-1/2I Sst W/Patch.....	12
250587	Hdw Pkg We-Go-Round Perf Panel W/O Seat.....	2
100196	Bhcs 6Lp 3/8X7/8I Sst.....	8
100349	Nut L/C Cap 3/8-16 Sst.....	8
100353	Flg Nut 6Lp 3/8-16 Sst.....	8
100365	Washer Flat Sae 3/8I Sst.....	25
113550	Washer Flat Sae 1/2I Sst.....	8
123224	Bhcs 6Lp 3/8X1-11/16I Sst.....	9
250588	Hdw Pkg We-Go-Round Perf Panel W/Seat.....	2
100196	Bhcs 6Lp 3/8X7/8I Sst.....	12
100327	Nut Hex Std 3/8-16 Sst.....	4
100349	Nut L/C Cap 3/8-16 Sst.....	8
100353	Flg Nut 6Lp 3/8-16 Sst.....	8
100365	Washer Flat Sae 3/8I Sst.....	33
113550	Washer Flat Sae 1/2I Sst.....	8
123224	Bhcs 6Lp 3/8X1-11/16I Sst.....	9
148680	Bit 5/16 6-Lobe T40 Tamp.....	1
223807	Bhcs 6Lp 5/16I -18 X 3/4I Sst.....	17
223956	Washer Flat Sae 5/16I Sst.....	17
258581	Hdw Pkg We-Go-Round Decking.....	1
100362	Washer Flat 3/8I Sst.....	80
113027	Bhcs 6Lp 3/8X1-3/8I Sst.....	80
250590	Hdw Pkg We-Go-Round Center Ring.....	1
100196	Bhcs 6Lp 3/8X7/8I Sst.....	6
100198	Bhcs 6Lp 3/8X1-1/8I Sst.....	2
100349	Nut L/C Cap 3/8-16 Sst.....	2
100353	Flg Nut 6Lp 3/8-16 Sst.....	6
100365	Washer Flat Sae 3/8I Sst.....	10
258556	Hdw Pkg We-Go-Round Labels.....	1
127463	Bit Hex Tpp T27 (Torx).....	1
127872	Bhcs Torx #14 X 3/4 Sst Thread Type Ab.....	8
251343	2-12 Yrs Play Safe Warning Plate Flat Large.....	1
257590	No Climb/Parking Plate.....	1
257592	Parking Plate.....	2

DB = Direct Bury

Kids In Motion 251036 We-Go-Round™ HDG w/Perf Panels

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Parts List - 3 Seat Option

Part#	Description	Qty.			
147807	Angle Brkt Pnt, Dark Matte Grey.....	8		258583	Hdw Pkg We-Go-Round Hub/Bushings 1
212200	Bushing Uhmw 6I Tube.....	2	100201	100201	Bhcs 6Lp 5/8X1-1/2I Sst 12
215474	Globe Spinner Top Roto, Specify Color.....	1	100606	100606	Rivet 3/16X1/2I Drv Aa 12
215887	Globe Brake Cover, Black.....	2	109680	109680	Cable Tie 5-3/4I Black 1
254134	1.25 Offse Bearing + Hub Asm.....	1	129500	129500	Washer Flat Sae 5/8I Sst 12
218444	Trim Spacer Globe, Black.....	2	136931	136931	Nut Hex Nylok 3/8-16 Sst. 8
218445	Trim Ring Globe, Black.....	2	175652	175652	Washer Lock Spring 5/8I Sst 12
222306	Global Motion® Hub Clamp Sst.....	1		250580	Hdw Pkg We-Go-Round Frame Asm 1
222399	#3 Rebar X 18I.....	2	100174	100174	Bhcs 6Lp 3/8X2-1/2Istpat 32
226880	Globe Pipe Bot W/O Net Galv.....	8	100198	100198	Bhcs 6Lp 3/8X1-1/8I Sst..... 32
246424	Ctr Ring Perm, Specify Color.....	2	100327	100327	Nut Hex Std 3/8-16 Sst..... 32
246425	Seat Pnl Top, Specify Color.....	3	100349	100349	Nut L/C Cap 3/8-16 Sst..... 32
246426	Seat Pnl Lh, Specify Color.....	3	100365	100365	Washer Flat Sae 3/8I Sst..... 128
246427	Seat Pnl Rh, Specify Color.....	3	113550	113550	Washer Flat Sae 1/2I Sst..... 32
246428	Perf Pnl Pnt, Dark Matte Grey.....	4	129692	129692	Nut Hex Std 1/2-13 Sstpat..... 16
246434	Main Deck Gripx, Black.....	4	131862	131862	Hex Cap 1/2X2-1/4 Sst..... 16
246435	Ctr Deck Gripx, Black.....	2		250586	Hdw Pkg We-Go-Round Brake Cover 1
246441	Otr Ring Perm 4 Hole, Black.....	4	100173	100173	Bhcs 6Lp 3/8X2i Sst Pat..... 16
246601	Otr Ring Perm With Tab Slot, Black.....	4	100175	100175	Bhcs 6Lp 3/8X2-3/4I Sst..... 2
258597	Otr Skirt Gripx A, Gray in color.....	6	100353	100353	Flg Nut 6Lp 3/8-16 Sst..... 8
258598	Otr Skirt Gripx B, Gray in color.....	6	100365	100365	Washer Flat Sae 3/8I Sst..... 8
248520	Btm Rib Mnt Machined.....	1	151421	151421	Fhcs 6Lp 3/8X1-1/2Ist W/Patch..... 12
249096	Vert Rib With Mtg Pin 4 Inserts Galv.....	2		250587	Hdw Pkg We-Go-Round Perf Panel W/O Seat 1
249097	Vert Rib Wout Mtg Pin Galv.....	4	100196	100196	Bhcs 6Lp 3/8X7/8I Sst..... 8
249101	Vert Rib With Mtg Pin 1 Insert Galv.....	2	100349	100349	Nut L/C Cap 3/8-16 Sst..... 8
249103	Horiz Btm Sprt Weldt Galv.....	8	100353	100353	Flg Nut 6Lp 3/8-16 Sst..... 8
249105	Arch Pnl Sprt Weldt Galv.....	4	100365	100365	Washer Flat Sae 3/8I Sst..... 25
249106	7 Flg Btm Rib Galv.....	4	113550	113550	Washer Flat Sae 1/2I Sst..... 8
249107	3 Flg Btm Rib Galv.....	4	123224	123224	Bhcs 6Lp 3/8X1-11/16I Sst..... 9
249110	Otr Ring Plt Galv.....	4		250588	Hdw Pkg We-Go-Round Perf Panel W/Seat 3
249112	Ctr Post Ring Weldt Galv.....	2	100196	100196	Bhcs 6Lp 3/8X7/8I Sst..... 12
249113	Otr Skirt Weldt Galv.....	6	100327	100327	Nut Hex Std 3/8-16 Sst..... 4
249114	Seat Frm Rh Galv.....	3	100349	100349	Nut L/C Cap 3/8-16 Sst..... 8
249115	Seat Frm Lh Galv.....	3	100353	100353	Flg Nut 6Lp 3/8-16 Sst..... 8
249116	Seat Frm Plt Galv.....	3	100365	100365	Washer Flat Sae 3/8I Sst..... 33
249117	Rib Clmp, Install Weldt Galv.....	4	113550	113550	Washer Flat Sae 1/2I Sst..... 8
249118	Rib, Install Galv.....	6	123224	123224	Bhcs 6Lp 3/8X1-11/16I Sst..... 9
249119	Rib Ftr, Install Galv.....	6	148680	148680	Bit 5/16 6-Lobe T40 Tamp..... 1
249120	Rib Brkt, Install Galv.....	12	223807	223807	Bhcs 6Lp 5/16I -18 X 3/4I Sst..... 17
249121	6.0 Od X .25 X 119.5I Post Galv.....	1	223956	223956	Washer Flat Sae 5/16I Sst..... 17
250643	4" X 300I Perf Drain Pipe.....	1		258581	Hdw Pkg We-Go-Round Decking 1
250644	4" Flexible Drain Tee.....	1	100362	100362	Washer Flat 3/8I Sst..... 80
250645	4" Drain Cap.....	2	113027	113027	Bhcs 6Lp 3/8X1-3/8I Sst..... 80
251007	4" Drain Coupler.....	2		250590	Hdw Pkg We-Go-Round Center Ring 1
215884	70 Series Shock.....	4	100196	100196	Bhcs 6Lp 3/8X7/8I Sst..... 6
253825	9" Plate, HDG.....	12	100198	100198	Bhcs 6Lp 3/8X1-1/8I Sst..... 2
254408	Global Motion Bushing Belt, Black.....	1	100349	100349	Nut L/C Cap 3/8-16 Sst..... 2
			100353	100353	Flg Nut 6Lp 3/8-16 Sst..... 6
			100365	100365	Washer Flat Sae 3/8I Sst..... 10
250568	Hdw Pkg We-Go-Round Rib Plates Asm 1			258558	Hdw Pkg We-Go-Round Labels 1
100206	Hex Cap 3/8X1i Sst Pat.....	36	127463	127463	Bit Hex Tpp T27 (Torx)..... 1
100208	Hex Cap 3/8X1-1/2 Sst Pat.....	4	127872	127872	Bhcs Torx #14 X 3/4 Sst Thread Type Ab..... 6
100327	Nut Hex Std 3/8-16 Sst.....	40	251343	251343	2-12 Yrs Play Safe Warning Plate Flat Large..... 1
100365	Washer Flat Sae 3/8I Sst.....	82	257590	257590	No Climb/Parking Plate..... 1
100610	Rivet 1/4X5/8I Drv As.....	2	257592	257592	Parking Plate..... 1
168198	Lag Scr Bh 6Lp 3/8X1-1/2I.....	2			
253850	Hdw Pkg We-Go-Round Skirt Asm 1				
100198	Bhcs 6Lp 3/8X1-1/8I Sst.....	60			
100362	Washer Flat 3/8I Sst.....	60			

DB = Direct Bury

Kids In Motion 251036 We-Go-Round™ HDG w/Perf Panels

landscape structures® Specifications

Center Post:	6.000" (152 mm) O.D. x (.250")(6,35 mm) wall HR Black D.O.M. Steel Tube. Finish: Hot dip galvanized
Shock:	70 Series.
GripX Platform:	3/4" (19,05 mm) Thick recycled Permalene®, black in color.
Brake Cover:	Recycled Permalene, black in color.
Mounting Hub	
Assembly:	Comprised of 1/2" (12,7 mm) thick stainless steel plate, 11 Ga. (.120")(3,05 mm) stainless steel sheet, steel bearing shaft.
Fasteners:	Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications)
Bottom Rib:	7GA. (.179")(4,54 mm) Thick HRPO steel plate. Finish: Hot dip galvanized
Middle & Bottom Pipe:	Weldment comprised of 2.375" (60,32 mm) O.D. RS20 (.095"-1.05")(2,41 mm-2,66 mm) galvanized steel tube, 1/4" (6,35 mm) thick HRPO steel plate and 3/8" (9,52 mm) thick stainless steel tab. Finish: Hot dip galvanized
Base Bushing:	Oil-Filled UHMW PE.
Spinner Top:	Rotationally molded from U.V. stabilized linear low density polyethylene, color specified
Rib:	Weldment comprised of 1.5" (38, 1 mm) x 3.0" (76, 2 mm) x (.180" (4, 57 mm) wall HRPO steel tube, 3/8" (9, 52 mm) thick stainless steel tab, 3/8" (9, 52 mm) O.D. stainless steel pin. 3/8" (9, 52 mm) thick HRPO steel plate with 1/4" (6, 35 mm) thick HRPO steel plate. Finish: Hot Dip Galvanized
Bottom Mount:	Weldment comprised of 7.000" (177 mm) O.D. x .188" (4, 77 mm) wall stainless steel tube and 1/4" (6, 35 mm) thick stainless steel plate.
Seat Permalene	
Panels:	3/4" thick recycled permalene, specify color
Seat Frame:	Comprised of 7 GA (.179")(4, 54 mm) thick HRPO steel plate. Finish: Hot Dip Galvanized
Drain Pipe :	Comprised of 4" x 25' polypropylene perforated pipe.

Installation Time:	DB - Approx. 40 person hours
Concrete Req.:	DB - Approx. 2.07 yards - Square Footer DB - Approx. 1.5 yards. - If concrete is chosen in Foundation II - Step 4 detail.
Weight:	DB 2 Seat - 2103 lbs. DB 3 Seat - 2161 lbs.
Minimum Area	
Req.:	DB - 20' 10" (6.35 m)
Fall Height:	DB - 40"

PRINCIPAL	MS. SYMRA - DEE BROWN
ENROLLMENT	
SCHOOL OPENED	
SITE VISIT DATE	FEB., 2015



ZONE X

ZONE A

ZONE X

ZONE A

ZONE A

ZONE A

LEGEND:

- WM: WATER METER
- FH: FIRE HYDRANT
- DI: DRAIN INLET
- MH: MANHOLE

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

ZONE A: NO BASE FLOOD ELEVATIONS DETERMINED.

OTHER AREAS

ZONE X: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN

1% ANNUAL CHANCE FLOODPLAIN BOUNDARY

NOTE:

- INFIELD GETS MUDDY WHEN IT RAINS HARD.
- NO FHs ONSITE.
- POTABLE WATER CONNECTED TO GOV. SYSTEM, NEED TO REPLACE FOUNTAINS (3), NO PROBLEMS W/ WATER PRESSURE.
- SEWER CONNECTED TO GOV. SYSTEM, NO PROBLEMS, PUMP OUTSIDE THE GATE.
- NOT ENOUGH PARKING TEACHERS HAVE TO PARK ON THE STREET.
- PARENTS DROP OFF/PICK UP MOVEMENT OKAY, CROSSING GUARD WOULD HELP.
- CERTAIN BATHROOMS HAVE PRESSURE PROBLEM.
- SOME AREAS NEED TO BE FILLED TO MATCH SIDEWALK AND ADJACENT GROUND
- SPECIAL ED. RAMP NEEDED TO BUILD 5
- FENCE IMPROVEMENT PROJECT RECENTLY
- STAIRCASES NEEDS NOSE BUMPER
- RAILING FOR NURSES OFFICE AND MUSIC ROOM IS REQUIRED.



OIA - ASSESSMENT OF BUILDINGS AND CLASSROOMS
US VIRGIN ISLANDS - ST. THOMAS



FIGURE

ULLA F. MULLER ELEMENTARY SCHOOL

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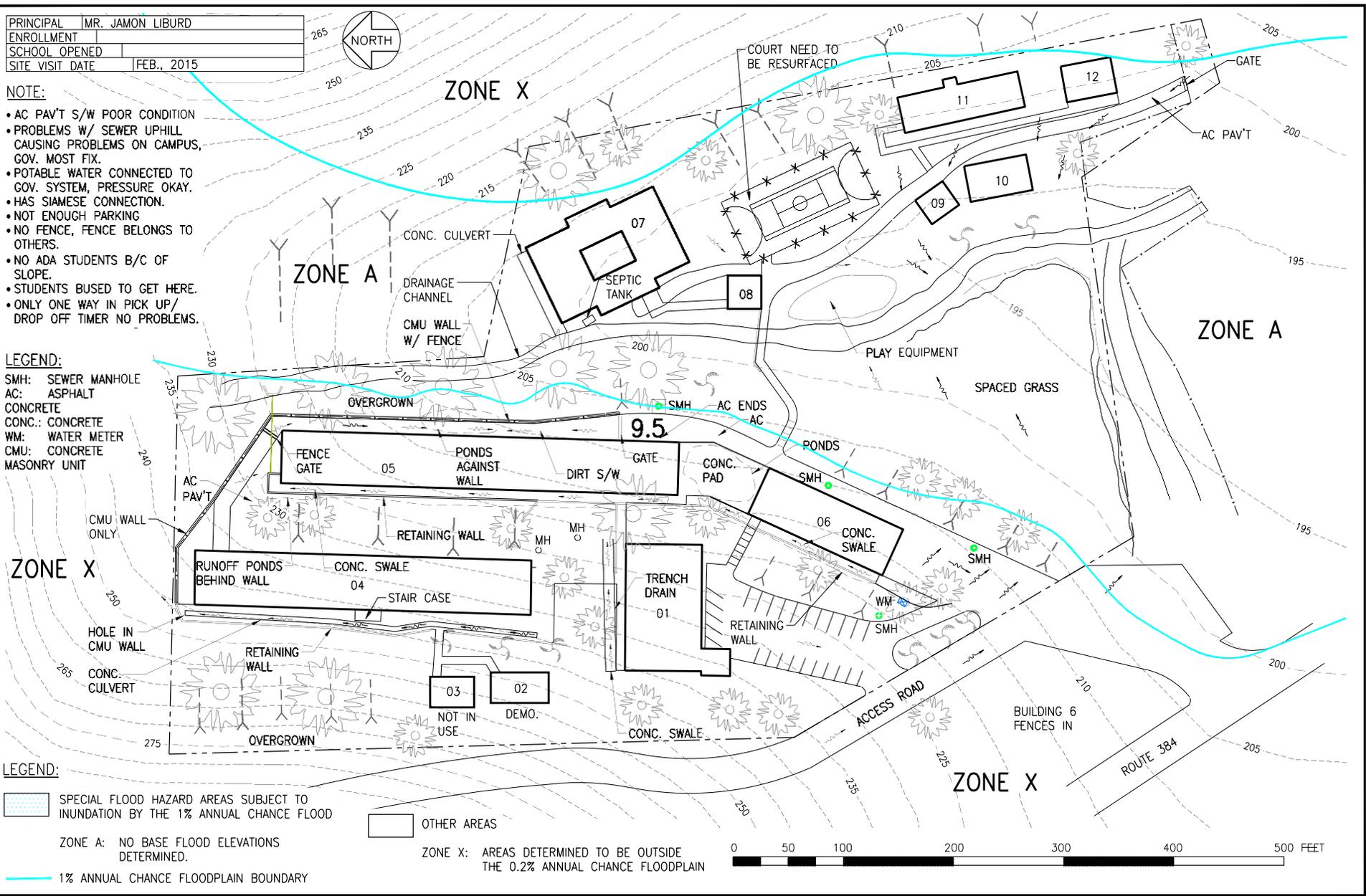
PRINCIPAL	MR. JAMON LIBURD
ENROLLMENT	
SCHOOL OPENED	
SITE VISIT DATE	FEB., 2015



- NOTE:**
- AC PAV'T S/W POOR CONDITION
 - PROBLEMS W/ SEWER UPHILL CAUSING PROBLEMS ON CAMPUS, GOV. MOST FIX.
 - POTABLE WATER CONNECTED TO GOV. SYSTEM, PRESSURE OKAY.
 - HAS SIAMESE CONNECTION.
 - NOT ENOUGH PARKING
 - NO FENCE, FENCE BELONGS TO OTHERS.
 - NO ADA STUDENTS B/C OF SLOPE.
 - STUDENTS BUSSED TO GET HERE.
 - ONLY ONE WAY IN PICK UP/ DROP OFF TIMER NO PROBLEMS.

- LEGEND:**
- SMH: SEWER MANHOLE
 - AC: ASPHALT
 - CONCRETE
 - CONC.: CONCRETE
 - WM: WATER METER
 - CMU: CONCRETE MASONRY UNIT

- LEGEND:**
- SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
 - OTHER AREAS
 - ZONE A: NO BASE FLOOD ELEVATIONS DETERMINED.
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OIA – ASSESSMENT OF BUILDINGS AND CLASSROOMS
US VIRGIN ISLANDS – ST. THOMAS



JOSEPH GOMEZ ELEMENTARY SCHOOL

FIGURE

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DISCLAIMER: SITE PLAN FEATURES ARE CONCEPTUAL AND NOT INTENDED FOR DESIGN PURPOSES

PRINCIPAL	MS. SYMRA - DEE BROWN
ENROLLMENT	
SCHOOL OPENED	
SITE VISIT DATE	FEB., 2015



ZONE X

ZONE A

ZONE X

ZONE A

ZONE A

ZONE A

LEGEND:

- WM: WATER METER
- FH: FIRE HYDRANT
- DI: DRAIN INLET
- MH: MANHOLE

- SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
- ZONE A: NO BASE FLOOD ELEVATIONS DETERMINED.
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