



Orangutan Exhibit Enhancements

The Columbus Zoo and Aquarium

Presented by:
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2004 The New Orangutan Exhibit Opened

- “Australia and the Islands of Southeast Asia”
- Theme: Rehabilitation / Rescue Center





Orangutan Yard

- Large Area
- Tall Structures
- Exhibit Natural Behaviors
- Orangutans Loved the Tall Structures





Behavioral Challenges

- Stayed on Top of the Tower
- Out of Public View Most of the Day
- Needed More Activity / Enrichment
- Wanted to Encourage More Natural Behaviors





Yard Challenges

- Orangutans Did Not Use Entire Yard
- Damage to Yard and Structures





Team Created to Develop Design Enhancements

- Primate Keepers
- Animal Management Staff
- Maintenance Personnel
- Planning & Design Department
- Outside Sources from Other Organizations



2011: Zoo Restructured this Exhibit

- Create a More Enriching Atmosphere for Orangutans & Visitors
- Added Zip Line Cable Course
- Included Sturdy Removable Enrichment Devices
- Redesigned Indoor Holding Spaces
- Installed Air Purification & Conditioning System



Top of North Tower Views

Looking South



Looking Down
at Transfer Chute



Top of North Tower View



Over Looking Neighbor's Yard



View to the Carousel





View from Base of North Tower



**Public
Viewing Area**

Boat Ride



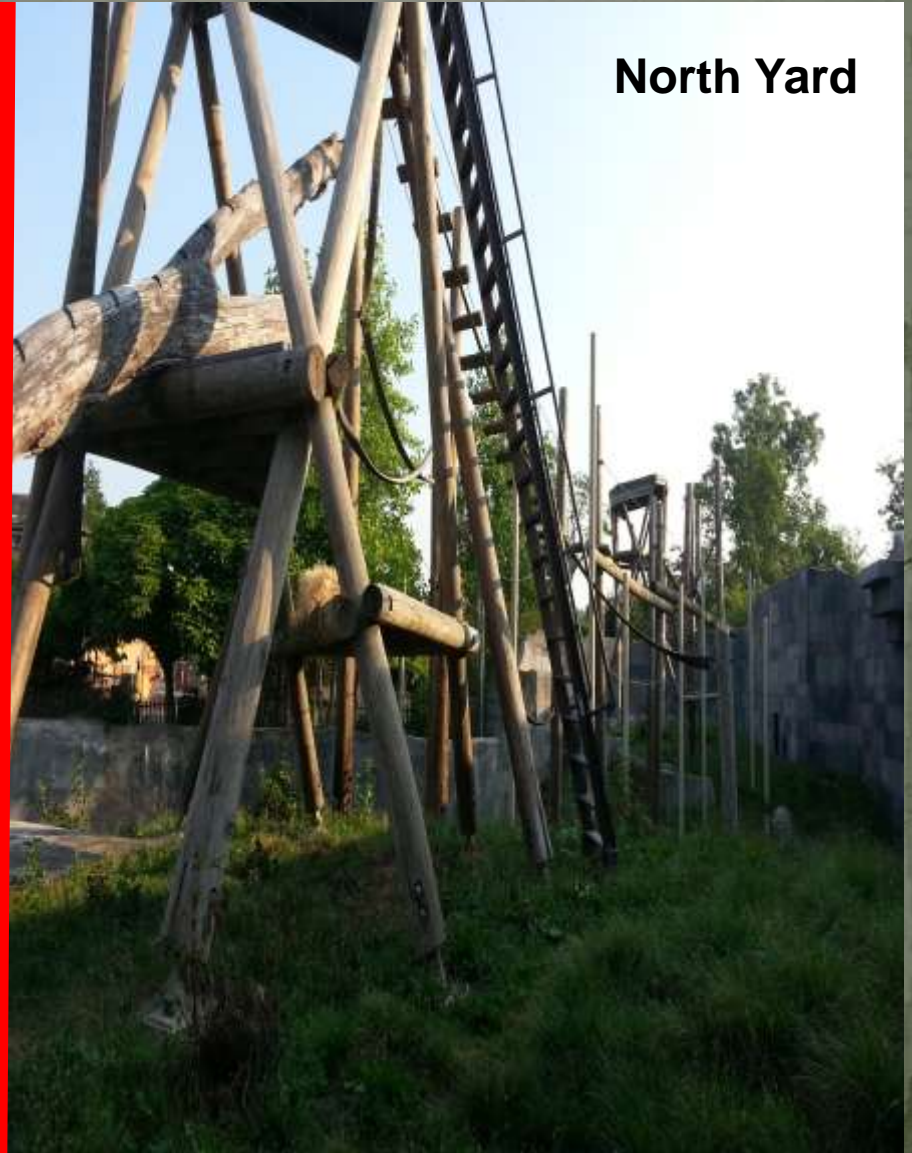
North Tower Yard from Public View



Transfer
Chute
Door



Looking to South Yard



North Yard



Smear Board



- Removable
- Multiple Locations
- Easy to Clean
- Recycled Plastic
- Contents Optional



**Inspector
Arrives**



**Keeper Installing
Smear Board**

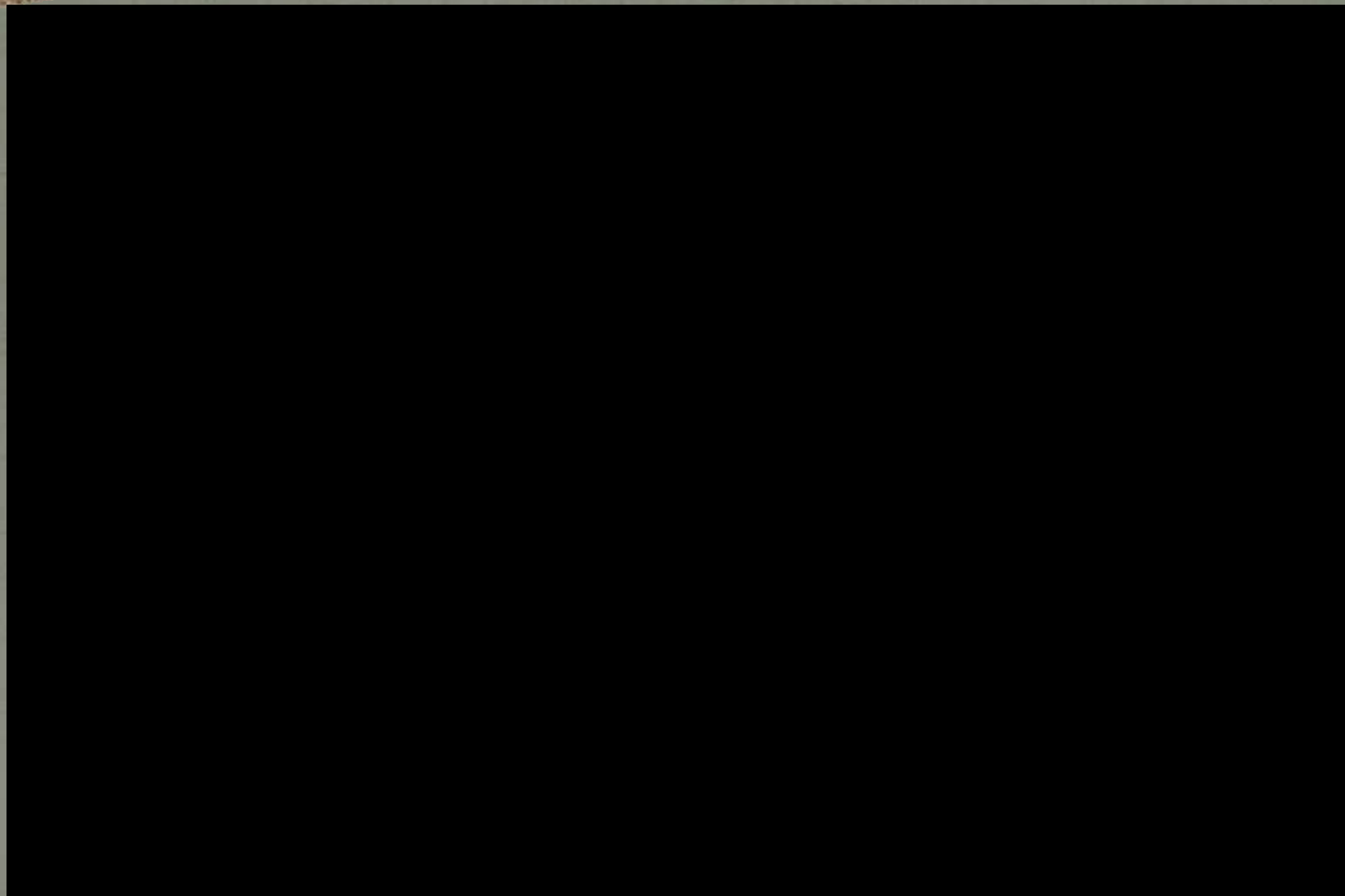


**Sampling Begins
!!!**



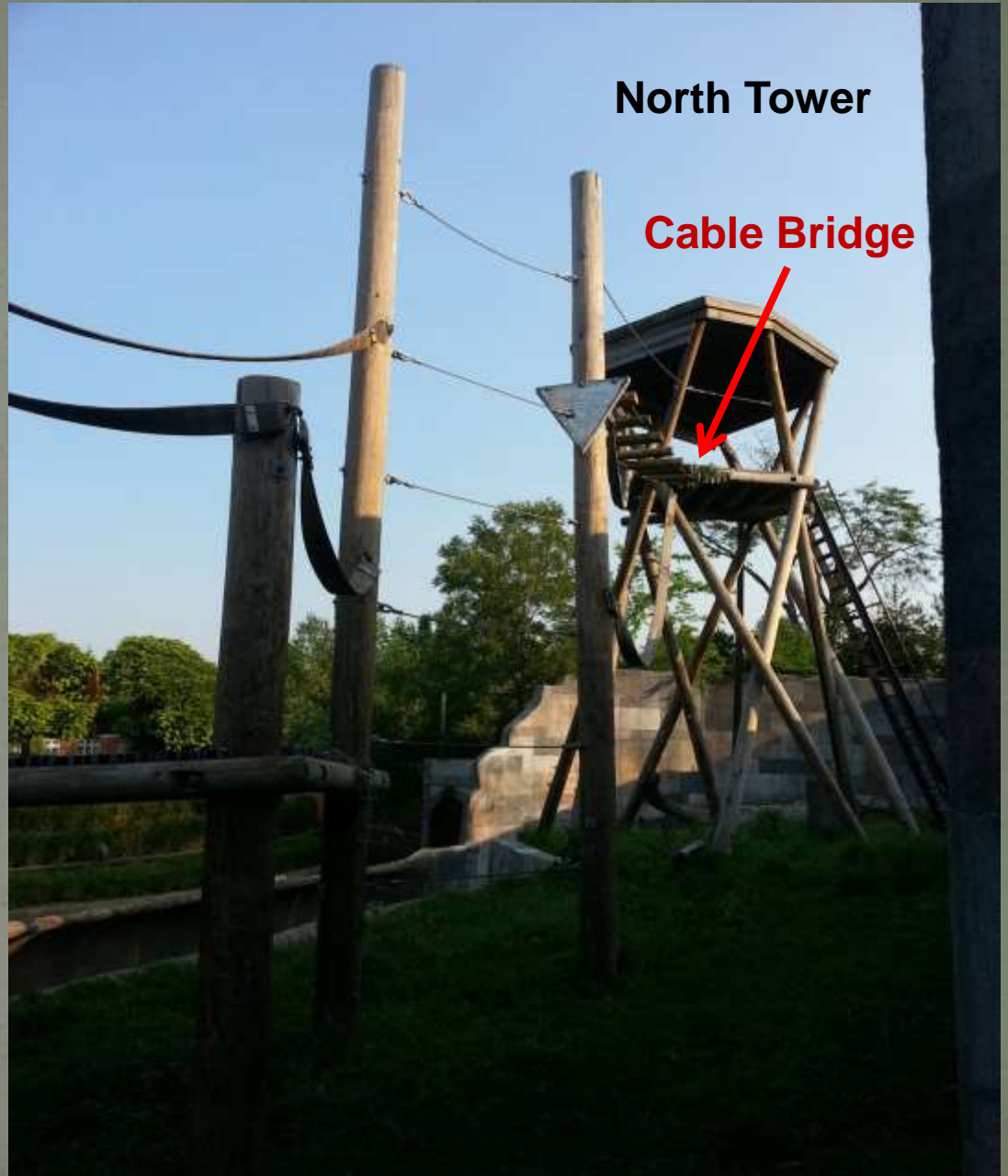
Enrichment Accomplished !







Structures from Tower to Tower





Cable Bridge from North Tower





Cable Bridge Ground View





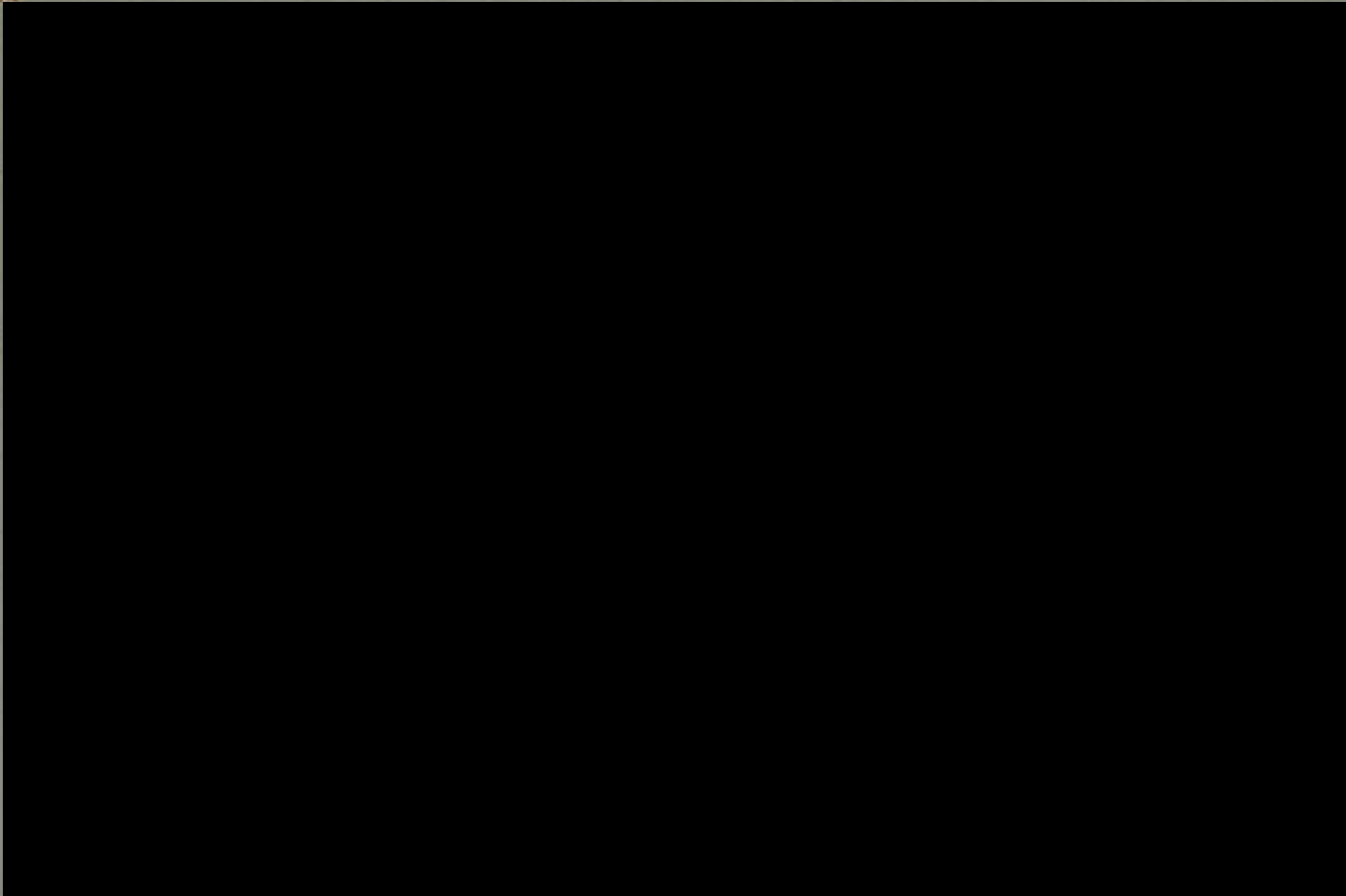
Using Removable Fire Hose





Removable Cable Enrichment Devices







Removable Spin Feeder





Removable Spin Feeder



Openings for Food



Removable Spin Feeder



**Screw on End Caps
For Cleaning**



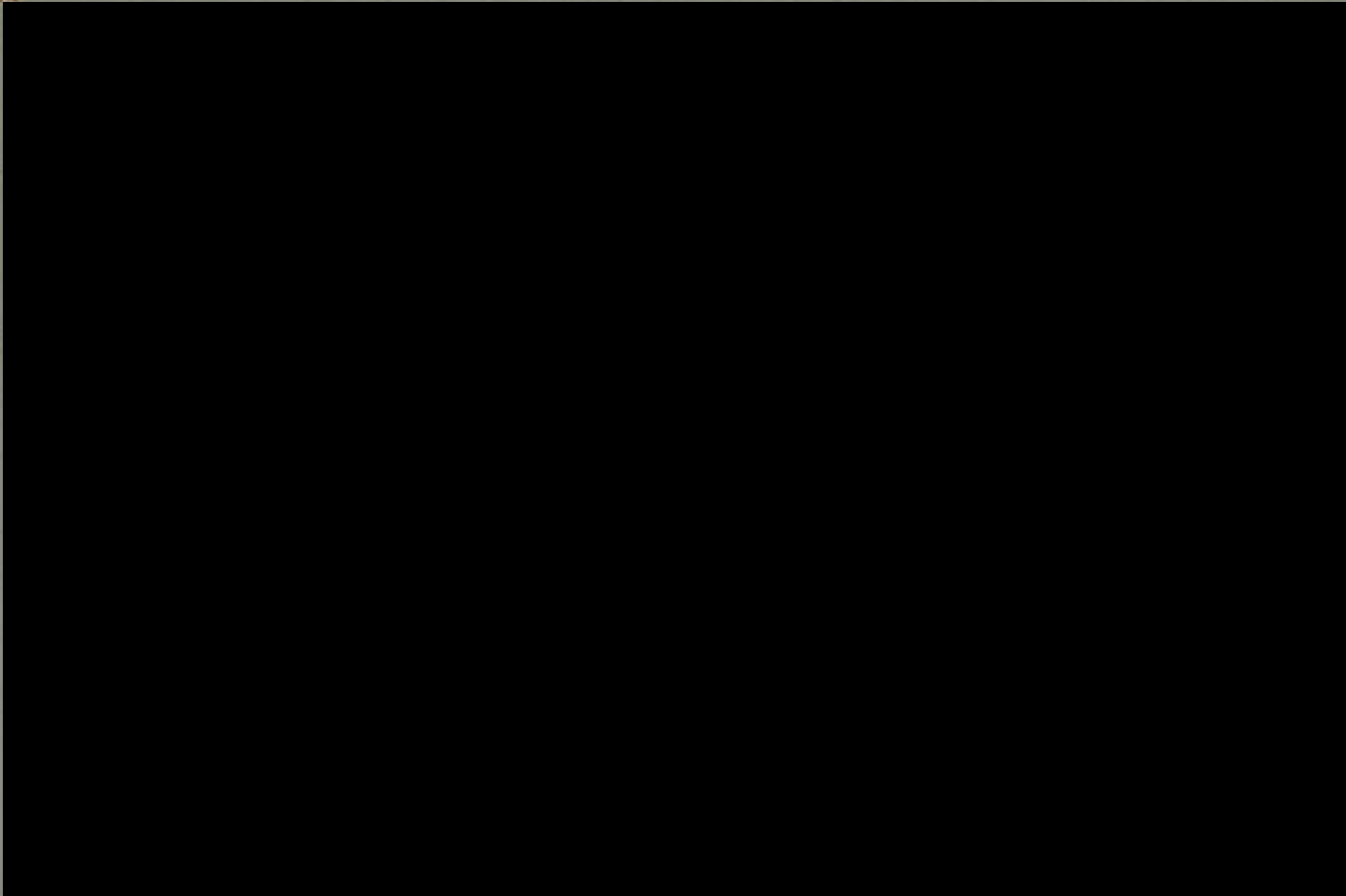
Removable Spin Feeder





Removable Spin Feeder









North Yard Enhancements

Hammock





North/South Yard Enhancements





Which Path Would You Take?





South Yard Enhancements





Enhancements Leading to South Tower





Eye Bolts for Swings & Hammock

Location
of
Future Swing





New Experimental Enrichment Feeder





Future Herb & Spice Gardens





Transfer Chute to Indoor Holding Area





Old Wooden Playroom Structures





Anchor Holes in Flooring



- Sealed Floors
- Painted Walls
- Floor Holes Positioned



Metal Structures Installed



- Promotes Animal Health
- Encourages Arboreal Behavior
- Easier to Sterilize
- Dries Faster
- Better Air Circulation

Recycled Materials Used



Fire Hoses & Hand Holds





Air Conditioning Unit



**Outside
Playroom**



Indoor Air Purification Unit





Enrichment Feeder

Front



Back





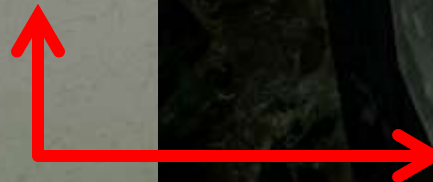
Enrichment Feeder



Top
Loading



Bottom
Outlet





Otto Enrichment Device





Otto Enrichment Feeder





Otto Enrichment Device





Happy ??? Tara in New Playroom

Yes !!!!!!!





Special Thanks:

- Gary & Maureen Casale
- Audra Meinelt, Assistant Curator
 - Katherine Taylor (Intern)
- Grahm Jones (Media Department)



The End