



CREATING A STRUCTURE

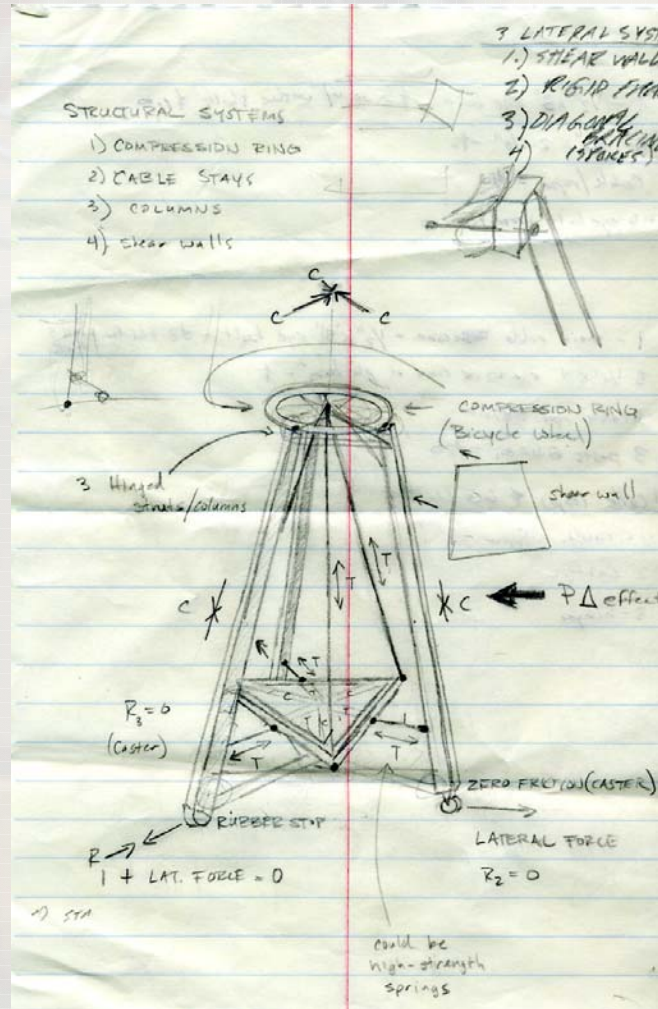
SAM NEVES

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ANDREW KOSKA

YONG GAN

THIS IS A PROJECT ABOUT CREATING A STRUCTURE THAT EXPRESSES THE INTERRELATIONSHIP OF FUNCTION, MATERIAL, CONNECTION AND FORM.





**THE MAIN STRUCTURAL SYSTEM IS A COMBINATION OF RIGID FRAME
AND CABLE SUSPENDED PLATFORM**

**PRIMARY MATERIALS:
WOOD & STEEL CABLE**

**CONNECTIONS:
WOOD TO WOOD: WOOD SCREWS + BOLTS
WOOD TO CABLE: EYE BOLTS + METAL CLAMPS
COMPRESSION RING TO CABLES: EYE BOLTS + METAL CLAMPS**

LATERAL RESISTING SYSTEMS

- RIGID FRAME
- SHEAR WALLS
- CROSS BRACING

COMPONENTS AND CONSTRUCTION SEQUENCE

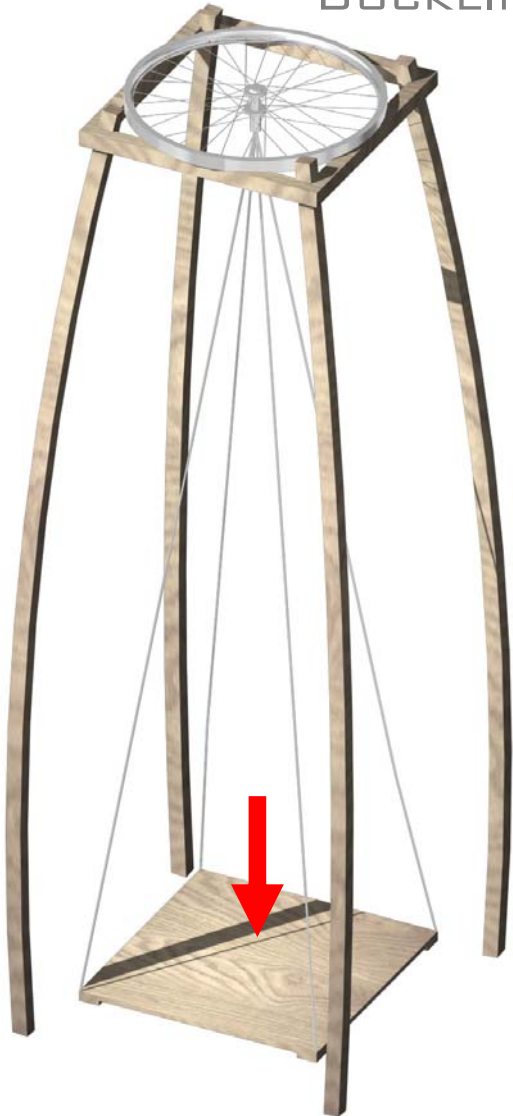


LOAD TRACING



LOADING BEHAVIOR

BUCKLING



BUDGET SUMMARY

\$40.04

(RETURNS) -7.16

\$32.88

+TAX

\$35.59

(ADDITIONAL ITEMS) \$9.36

+ 1.56

+ 2.18

+TAX

\$49.77

THE HOME DEPOT 6559
1615 UNIVERSITY DRIVE
COLLEGE STATION, TX 77840 (979)595-1188

SALE 6559 00001 54849 11/27/04
11 PLU902 03:08 PM



090489500764	2X2-8 WW	
4 @ 1.97		7.88
090489918507	1X2X8 FVRR	
3 @ 1.09		3.27
020418166853	3/16CABLECLA	
4 @ 1.48		5.92 *
030699212422	SCREWS	6.65
030699090969	EYE BOLT	0.97
030699144013	PLASTBAGGDS	
4 @ 0.85		3.40
020418185632	1/8CABLE50F	9.97
AJD 1/4X3HEXBOLT		
4 @ 0.16		0.64 *
AAA CUTWSHR1/4"		
16 @ 0.06		0.96 *
655414 1/4HEXNUTUSS		
4 @ 0.03		0.12 *
590720 3/8FNDRWSHZN		0.18
655570 CUTWSHR3/8"		0.08
	SUBTOTAL	40.04
	SALES TAX	3.30
	TOTAL	\$43.34

XXXXXXXXXXXX6188 MASTERCARD
AUTH CODE 027521/0010246



6559 01 54849 11/27/2004 6642

YOUR OPINION COUNTS! COMPLETE A SURVEY
AT WWW.HOMEDEPOTOPINION.COM AND ENTER
TO WIN A \$5,000 HOME DEPOT GIFT CARD!

THE HOME DEPOT 6559
1615 UNIVERSITY DRIVE
COLLEGE STATION, TX 77840 (979)595-1188

SALE 6559 00006 58252 11/29/04
11 BL13AX 04:28 PM



160954 1X2X8 FVRR
2 @ 1.09

	SUBTOTAL	2.18
	SALES TAX	0.18
	TOTAL	\$2.36

XXXXXXXXXXXX6188 MASTERCARD

LOWE'S

BRYAN, TX
(979)774-4141

-SALE-

SALES #: S0103LH2 775051 11-29-04

102900 1/8" WIRE ROPE CL	1.56
4 @ 0.39	
	SUBTOTAL: 1.56
	TAX 32094 : 0.13
	INVOICE 45930 TOTAL: 1.69

BALANCE DUE: 1.69

M/C : 1.69

M/C XXXXXXXXXXXX6188 029892
AMOUNT: 1.69

0103 TERMINAL: 45 11/29/04 16:44:31



04 4161

ETE A SURVEY
M AND ENTER
GIFT CARD!



THANK YOU SAMUEL A NEVES
FOR SHOPPING LOWE'S

RECEIPT REQUIRED FOR CASH REFUND.
CHECK PURCHASE REFUNDS REQUIRE
15 DAY WAIT PERIOD FOR CASH BACK.
STORE MGR: JORGE RODRIGUEZ

WE HAVE THE LOWEST PRICES, GUARANTEED!
IF YOU FIND A LOWER PRICE, WE WILL
BEAT IT BY 10%. SEE STORE FOR DETAILS

LOWE'S

BRYAN, TX
(979)774-4141

-SALE-

SALES #: S0103RC2 743433 11-27-04


102896 1/8" WIRE ROPE TH	1.95
5 @ 0.39	
102896 1/8" WIRE ROPE TH	1.17
3 @ 0.39	
102900 1/8" WIRE ROPE CL	6.24
16 @ 0.39	
	SUBTOTAL: 9.36
	TAX 32094 : 0.77
	INVOICE 45171 TOTAL: 10.13

BALANCE DUE: 10.13

M/C : 10.13

M/C XXXXXXXXXXXX6188 027009
AMOUNT: 10.13

0103 TERMINAL: 45 11/27/04 16:47:59



THANK YOU SAMUEL A NEVES
FOR SHOPPING LOWE'S

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CONCLUSION

NOT ONLY ARE FUNCTION, MATERIAL, CONNECTION AND FORM ALL INTERRELATED - THEY, ALONG WITH LOADING CONDITIONS AND BUDGET, AFFECT ONE ANOTHER AND ULTIMATELY THE STRUCTURE.

