## SECTION 116133

## RIGGING SYSTEMS AND DRAPERIES

PART 1 – GENERAL

- 1.1 GENERAL CONDITIONS
  - A. THE GENERAL CONDITIONS OF THE CONTRACT DOCUMENTS SHALL APPLY TO THE WORK IN THIS SECTION.
- 1.2 WORK INCLUDED
  - A. THE WORK OF THIS SECTION INCLUDES ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO COMPLETE THE STAGE RIGGING AND DRAPERIES INSTALLATION, AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
  - 1. MOTORIZED PIPE GRIDS
  - 2. ADDITIONAL SUPPORT STRUCTURES AS REQUIRED TO MEET THE INTENT OF THE CONTRACT DOCUMENTS
  - 3. TRACKED, WALKALONG STUDIO CURTAINS
  - 4. CONTROL DEVICES FOR MOTORIZED RIGGING.
  - 5. STATIONARY PIPE GRID (ALTERNATE #1)
- 1.3 RELATED WORK
  - A. RELATED WORK WHICH IS NOT PART OF THE WORK IN THIS SECTION INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
    - 1. SUPPORT STEEL.
  - 2. FINISHES
  - 3. POWER FEEDS AND ELECTRICAL WORK FOR MOTORIZED RIGGING, INCLUDING CONDUIT AND WIRE BETWEEN CONTROL COMPONENTS, AND TERMINATIONS.
  - 4. STAGE LIGHTING SYSTEM, INCLUDING JUNCTION BOXES AND MULTICONDUCTOR CABLES.
  - 5. MECHANICAL SYSTEM.
  - 6. FIRE PROTECTION SYSTEM.
- 1.4 DEFINITIONS
  - A. FURNISH SUPPLY EQUIPMENT TO THE PROJECT FOR USE OR INSTALLATION BY OTHERS.
  - B. INSTALL INSTALL EQUIPMENT PROVIDED TO THE PROJECT BY OTHERS.
  - C. PROVIDE SUPPLY AND INSTALL EQUIPMENT.
- 1.5 QUALITY ASSURANCE
  - A. ALL EQUIPMENT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF THE FOLLOWING ORGANIZATIONS:
    - 1. AMERICAN IRON AND STEEL INSTITUTE (AISI).
    - 2. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
  - 3. AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
  - 4. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
  - 5. AMERICAN WELDING SOCIETY (AWS).
  - 6. ENTERTAINMENT SERVICES AND TECHNOLOGY ASSOCIATION (ESTA).
  - 7. INDUSTRIAL FASTENERS INSTITUTE (IFI).
  - 8. INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO).
  - 9. NATIONAL ASSOCIATION OF CHAIN MANUFACTURERS (NACM).
  - 10. NATIONAL FIRE PROTECTION INSTITUTE (NFPA).
  - 11. SOCIETY OF AUTOMOTIVE ENGINEERS (SAE).
  - 12. AMERICAN GEAR MANUFACTURERS ASSOCIATION (AGMA).
  - 13. NATIONAL ELECTRICAL CODE (NEC).

14. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA).

- B. MINIMUM DESIGN FACTOR FOR LIFTED LOADS: 8:1. DESIGN FACTOR SHALL INCLUDE THE EFFECTS OF STATIC LOADS, DYNAMIC IMPACT LOADS AND REDUCTIONS FOR END TERMINATIONS AND BENDING RATIOS.
- C. MINIMUM DESIGN FACTOR FOR STATIC LOADS: 6:1. DESIGN FACTOR SHALL INCLUDE THE EFFECTS OF STATIC LOADS AND REDUCTIONS FOR END TERMINATIONS AND BENDING RATIOS.
- D. MAXIMUM FLEET ANGLE: 1-1/2 DEGREES.
- E. CABLE BENDING RATIO FOR MANUALLY OPERATED SYSTEMS SHALL BE AT LEAST 30 TIMES THE DIAMETER OF THE CABLE. MOTORIZED SYSTEMS SHALL COMPLY WITH THE WIRE ROPE MANUFACTURER'S MINIMUM RECOMMENDED BENDING RATIO.
- F. WIRE ROPE CLIPS SHALL BE DROP-FORGED.
- G. FASTENERS TYPICALLY SHALL HAVE A MINIMUM SAE J429 GRADE 5 OR ISO R898 CLASS 8.8 RATING. BOLTS IN TENSION SHALL HAVE NUTS OF EQUIVALENT RATING. FASTENERS SHALL BE SELF-LOCKING OR SECURED BY ALTERNATE MEANS TO PREVENT LOOSENING.
- H. SHACKLES AND TURNBUCKLE JAWS SHALL HAVE SCREW PINS, MOUSED WITH PLASTIC TIE-WRAP AFTER INSTALLATION.
- I. HELICALLY GROOVED DRUMS SHALL ACCEPT THE WIRE ROPE IN A SINGLE LAYER, PLUS 3 DEAD WRAPS. DRUM CONSTRUCTION SHALL BE ALL-WELDED. LIFTING LINES SHALL ENTER THE DRUM THROUGH THE TUBING WALL AT A 45 DEGREE ANGLE, AND SHALL BE RETAINED BY A COPPER NICOPRESS STOP SLEEVE.
- J. OVERSPEED BRAKES SHALL REQUIRE NEITHER ELECTRICITY NOR EXTERNAL PRESSURE FOR OPERATION. THE BRAKE SHALL BE FACTORY SET TO AUTOMATICALLY APPLY ITSELF AT 125 PERCENT OF THE MAXIMUM RATED WINCH SPEED LOCATE THE BRAKE EITHER ON THE LOW SPEED OUTPUT SHAFT OF THE REDUCER, OR DIRECTLY TO THE LIFTING LINE DRUM.
- K. ROTARY LIMIT CHAIN SPROCKETS SHALL BE PINNED TO PREVENT SLIPPING AND SIZED FOR MAXIMUM USABLE ROTATION OF THE SWITCH CAMS.
- L. LIMIT SWITCH CHAINS AND ENCODER BELTS LOCATED IN TRAFFICKED AREAS SHALL BE FULLY GUARDED.

- M. GEARMOTOR SERVICE FACTORS AN CONFORM TO AGMA RECOMMENDA FACTOR SHALL BE 1.0 FOR CONTINU GEARING SERVICE FACTOR SHALL SERVICE FACTOR OF 1.3.
- N. FIXED SPEED MOTORS SHALL HAVE "SOFT" STOPPING AND STARTING CH LOAD CAPACITY AND SPEED OF THE
- O. SHAFTING SHALL BE KEYED AND DE ORDER TO PROPERLY TRANSMIT A ALLOWANCE FOR IMPACT.
- P. CHAIN TRANSMISSION SHALL BE MA MEET ANSI STANDARDS AND SAFEL INCLUDING IMPACT, APPLIED BY THI THE STRENGTH OF THE CHAIN CON STRENGTH OF THE CHAIN. PROVIDE TIGHTENING THE CHAINS.
- Q. THIS SPECIFICATION SETS FORTH M OPERATIONAL CRITERIA, AND MININ WORKMANSHIP. IT IS THE SOLE RES DESIGN, ENGINEER, FURNISH AND I SYSTEM IN COMPLIANCE WITH THE DOCUMENTS.
- 1.6 SUBMITTALS
  - A. SUBMIT THE FOLLOWING WITH THE
    - 1. BILL OF MATERIALS, WITH PAR STANDARD NUMBERS AND/OR
    - 2. SPECIFIED MANUFACTURER'S PRODUCTS CALLED OUT IN TH
    - 3. STATEMENT THAT THE MANUF. PROVISIONS.
    - 4. PROJECTED TIMETABLE LISTIN THE FOLLOWING ACTIVITIES:
    - a. SHOP DRAWING PREPAR
    - b. FABRICATION
    - c. SHIPPING TO SITE
    - d. SYSTEM COMMISSIONINGe. AS BUILT DRAWING PREF

- B. SHOP DRAWINGS
  - 1. SUBMIT SHOP DRAWINGS FOR BE UNIFORM. SUBMITTALS OF BOUND.
  - 2. SHOP DRAWINGS SHALL BE ST LICENSED IN THE STATE OF NE
  - SHOP DRAWINGS SHALL INCL
     a. TITLE SHEET LISTING AL
  - b. SCALE PLANS AND ELEV
  - c. ALL INFORMATION NECE FEATURES, APPEARANC INSTALLATION, AND USE PHASES OF OPERATION.
  - d. COUNTRY OF ORIGIN FOR
  - 4. FABRICATION SHALL NOT COM CONSULTANT AND THE ARCHIT DRAWINGS ARE IN COMPLIANC CONTRACT DOCUMENTS.
  - 5. SHOP DRAWINGS SHALL BE RE

## C. MANUALS

REQUIRED.

- 1. PROVIDE AN OPERATIONS AND OWNER AT TIME OF OWNER TH
  - a. CONTRACTOR CONTACT
- b. MANUFACTURER CONTA
- c. SYSTEM DESCRIPTION
- d. OPERATION INSTRUCTIO
- e. MAINTENANCE INSTRUCT
- PROCEDURES AND SCHE COMPONENTS
- f. EQUIPMENT DESIGN PARA LOADS AND DUTY CYCLES
- g. PARTS AND SUBASSEMB
- h. REPLACEMENT PARTS SO
- i. CATALOG CUTS FOR ALL
- 2. PROVIDE THE ABOVE DOCUME FORMAT, SUCH AS PDF OR OTI USB STORAGE DRIVES.
- D. AS-BUILT DRAWINGS
  - 1. WITHIN ONE MONTH OF SYSTE AS-BUILT DRAWINGS. THE AS-E
  - a. FINAL SHOP DRAWINGS.
  - b. FINAL BILL OF MATERIALS2. PROVIDE THE AS-BUILT DRAW
  - FORMAT, SUCH AS PDF OR OTI USB STORAGE DRIVES.
- 1.7 WARRANTY
  - A. THE MANUFACTURER SHALL WARRANT THE EQUIPMENT AS FOLLOWS:
    - 1. PART ONE ACCORDING TO THE GUARANTEE PROVISIONS IN THE GENERAL CONDITIONS

ND LOAD CLASSIFICATIONS SHALL ATIONS. THE MINIMUM SERVICE			2.	P/ Ti	ART TWO - ADDITIONALLY, FOR TWO YEARS FROM ACCEPTANCE OF HE SYSTEMS, PROVIDE SERVICES DETAILED BELOW:	2.6	SHE	EAVES
UOUS OPERATION AND THE MINIMUM BE 1.0 WITH A MINIMUM MECHANICAL				a.	PROVIDE FOR THE OWNER'S OPERATING STAFF A TECHNICAL AND OPERATIONAL ASSISTANCE HOTLINE ADVICE SERVICE AT		A. B	SHEAVES FOR NYLON RESIN
E HIGH INERTIA FANS OR ELECTRONIC CHARACTERISTICS AS DICTATED BY THE					NO ADDITIONAL COST FOR THE DURATION OF THE WARRANTY PERIOD. SUCH ADVICE TO BE AVAILABLE DURING NORMAL WORKING HOURS AND ON EVENINGS AND WEEKENDS.		D. С.	MANUFACTURI
E WINCH. ESIGNED TO MEET ANSI STANDARDS IN PPLIED LOADS AND TORQUES WITH				b.	PROVIDE ALL REQUIRED MAINTENANCE OR REPLACEMENT WITHIN 30 DAYS OF NOTIFICATION BY THE OWNER, WITH THE FOLLOWING EXCEPTION: ALL REQUIRED MAINTENANCE OR			RATED FOR TH MINUTE MAXIN FACTOR. MININ
ADE WITH ROLLER CHAIN SELECTED TO					INSTALLATION SHALL BE ACCOMPLISHED WITHIN 3 DAYS.		D.	SHAFTS SHALL
LY TRANSMIT THE FULL LOAD, IE MOTOR AND THE UNBALANCED SET.	PART 2 – 2.1	EC ACCE	QUIP EPTA	PME ABL	ENT E CONTRACTORS		E.	FOR THE BEAR
E A MEANS OF LUBRICATING AND		A.	THE	E EC	QUIPMENT SHALL BE FURNISHED, INSTALLED, AND PROVIDED BY		F.	SHEAVES SHA
MINIMUM SAFETY STANDARDS,		(	ONL 1			2.7	LOF	T BLOCKS
MUM STANDARDS FOR QUALITY IN SPONSIBILITY OF THE CONTRACTOR TO INSTALL A SAFE, FULLY FUNCTIONAL			1.	81 F/	IS FAIRVIEW AVENUE #10 AIRVIEW, NJ 07022		A.	LOFT BLOCKS 500-POUND MI
DESIGN INTENT OF THE CONTRACT		:	2.	J. 7( S <sup>*</sup>	R. CLANCY/WENGER 041 INTERSTATE ISLAND ROAD YRACUSE, NY 13209		В. С.	LOFT BLOCK S
BID:			3	3° Pr	15.451.3440 OOK DIEMONT AND OHI INC / TEXAS SCENIC COMPANY		D.	SIDE PLATE TH
RTS IDENTIFIED BY COMMON INDUSTRY R DESCRIPTIONS.			0.	70 Bl 7	01 EAST 132ND STREET RONX, NEW YORK, 10454 18,402.2677		E.	FROM LEAVING
CATALOG CUT SHEETS OF ALL			4.	P	ROTECH THEATRICAL SERVICES		F.	EACH LOFT BL
FACTURER AGREES TO THE WARRANTY				34 N	431 NORTH BRUCE STREET ORTH LAS VEGAS, NV 89030		G.	LOFT BLOCKS
			_	70	02.639.0290			1. MANUFAC
NG THE TIME IN WEEKS FOR EACH OF		ł	5.	S/ 23	APSIS RIGGING 33 NORTH LANSDOWNE AVENUE	0.0		2. RECOMM
RATION				L/ 2'	ANSDOWNE, PA 19050 15.228.0888	2.8		E GRID HOIST
		(	6.	S			Α.	1. CAPACIT
				9 M	WHITTENDALE DRIVE OORESTOWN, NJ 08057			2. SPEED: 2
G		D	مم	85 ודום	56.780.8000			3. SPRING A
PARATION		D. /			MUM OF 5 BUSINESS DAYS BEFORE SUBMISSION OF BIDS, FOR			FOR 125%
R REVIEW. DRAWING SHEET SIZE SHALL		۱ ,	R⊏V 1.	FI	RM HISTORY.			5. ROTARY
MORE THAN 5 DRAWINGS SHALL BE		:	2.	A	LIST OF COMPLETED INSTALLATIONS WHICH ARE COMPARABLE IN		B	OVERTRA
TAMPED BY A STRUCTURAL ENGINEER EW YORK.		:	3.	A	MINIMUM OF 5 REPRESENTATIVE SHOP DRAWING SHEETS.		5.	ROPE. DRUMS
UDE:			4.	IF S'	REQUESTED, A CURRENT CERTIFIED FINANCIAL STATEMENT HOWING SUFFICIENT FINANCIAL BASE FOR THE SIZE OF JOB		C.	MAINTENANCE
L SHEETS IN THE SUBMITTAL.				D	ESCRIBED HERE.	2.9	CAE	3LE MANAGEMEN
ATIONS.	2.2	FINIS	HES	S			A.	PROVIDE PLAS
E, FUNCTION, FABRICATION, OF SYSTEM COMPONENTS IN ALL		A. I	MET SPA REC COA	TAL ATTI CEI\ ATII	PARTS SHALL BE FREE FROM RUST, SCALE, DIRT, AND WELDING ER. ALL WELDMENTS OR OTHER METAL COMPONENTS SHALL /E A COAT OF CORROSION RESISTANT PRIMER PRIOR TO FINISH NG AND COMPONENT ASSEMBLY	2.10	MO	LOWER. PAINT
R EQUIPMENT		B. I	FINIS	IISH	COAT SHALL BE FLAT ALKYD ENAMEL. COLOR SHALL BE BLACK,		A.	THE CONTROL MOTOR CONTR
IMENCE UNTIL THE THEATRE ITECT DETERMINE THAT THE SHOP	2.3	LIFTIN	EXC NG L	CEP LINE	T WHERE NOTED OTHERWISE IN THE CONTRACT DOCUMENTS. ES			FEATURES: 1. KEY OPE
CE WITH THE DESIGN INTENT OF THE		A. I			G LINES SHALL BE OF SUFFICIENT DIAMETER AND APPROPRIATE			2. HOLD-TO- INDICATC
EVISED AND RESUBMITTED AS		В. 1			IN STANDARD FOR OVERHEAD LIFTING: 7X19 IWRC			AND THE 3. DEDICATI
		C. (	USE	E C(	ONTINUOUS LINES FROM THE SAME SPOOL, FREE OF KNOTS,	2.11	SIG	NAGE
D MAINTENANCE MANUAL TO THE RAINING. THE MANUAL SHALL INCLUDE:		:	SPLI FOR	LICE R EL	S OR INTERMEDIATE FASTENERS UNLESS SPECIFICALLY CALLED SEWHERE IN THE CONTRACT DOCUMENTS.		A.	PROVIDE "RIGO DRAWINGS. W/
	2.4	PIPE (	GRIE	ID T	ERMINATIONS		В.	PROTECT THE
		A. I (		NSI	ST OF A THIMBLE, A COPPER NICOPRESS FITTING, A JAW/JAW	2.12	STA	GE DRAPERY S
NS, INCLUDING SAFETY MEASURES		-	TIE	WR	AP. WIRE MOUSING IS NOT ACCEPTABLE.		A.	STUDIO DRAPE
TIONS, INCLUDING RECOMMENDED EDULES FOR INSPECTING SYSTEM		B. S	SEC POR	CUR RTI(	E THE LOOSE ENDS OF THE WIRE ROPE TO THE STANDING ON OF THE LINES WITH PLASTIC TIE WRAP.			DESCRIPTION BLACKOUT
AMETERS INCLUDING SAFE WORKING		C. S	SEC POR	CUR RTI(	E THE LOOSE ENDS OF THE WIRE ROPE TO THE STANDING ON OF THE LINES WITH PLASTIC TIE WRAP.			CYC
ES.		D. I	PRO		DE PIPE GRID HANGERS FOR STATIONARY PIPE GRID AS SHOWN ON	0.40		GREEN SCREE
		(	OF T		E PIPE GRID, PLUS A MINIMUM LIVE LOAD OF 30 LBS. PER LINEAR	2.13	гаd A.	BLACKOUT DR
PURCHASED EQUIPMENT		l	FOO 1	SII S	O MAXIMUM ANTICIPATED TOTAL LIVE LOADS AS NOTED:		7.4	INHERENTLY F
ENTS IN PRINTABLE ELECTRONIC			1.	P	OUNDS.		В.	MUSLIN CYCLC
HER UNIVERSAL FORMAT FILES, ON	2.5	PIPE (	GRIE	ID				FOOT, SEAMLE
		A. ;	THE STAI	E PII AND	PE GRID SHALL CONSIST OF 1-1/2-INCH NOMINAL DIAMETER ARD WEIGHT (SCHEDULE 40) PIPE CONNECTED WITH CLAMPS.		C.	GREEN SCREE POLY PRO, OR
EM ACCEPTANCE, PROVIDE COMPLETE BUILT DRAWINGS SHALL INCLUDE:		B. (	CLAI APP INTE	AMP PRC ERS	S SHALL BE JR CLANCY "CROSS GRID CONNECTORS", OR VED SUBSTITUTE. PROVIDE A CLAMP AT EVERY PIPE SECTION.		D.	FABRICS SHAL APPROPRIATE AFFIDAVIT SHA FABRICS HAVE
S.		C. I		E SI	PLICES SHALL BE MADE WITH AN 18-INCH-LONG, 1-9/16-INCH FER DOM TUBE WITH A MINIMUM WALL THICKNESS OF 3/16-INCH.		E.	NO PIECED HO
'INGS IN PRINTABLE ELECTRONIC THER UNIVERSAL FORMAT FILES, ON			WEL 3/8-I	LD ( -INC	ONE END OF THE SPLICE TUBE. FASTEN THE OTHER END WITH TWO H BOLTS.		F	
		D. I	PAIN	NT	THE PIPE GRID AND HANGER ASSEMBLIES BLACK.		ч. G.	VELOUR NAP S
								UP FOR BLACK

R MANUAL SETS SHALL BE MADE FROM HIGH STRENGTH OR REINFORCED POLYMER COMPOSITE. OVES SHALL CONFORM TO CABLE AND ROPE	PURCHASE COLLEGE STATE UNIVERSITY OF NEW YORK				
LERS STANDARDS FOR GROOVE SHAPE AND TOLERANCE. ALL HAVE PRECISION BALL BEARINGS. BEARINGS SHALL BE HE MAXIMUM STATIC AND DYNAMIC LOADS AT 300 FEET PER MUM RPM, PLUS MANUFACTURER'S RECOMMENDED SAFETY MUM LIFESPAN RATING: 2000 HOURS.	735 ANDERSON HILL RD PURCHASE, NY 10577-1400				
L BE MADE OF MACHINED STEEL. S SHALL BE SIZED TO PROVIDE ADEQUATE LOAD SUPPORT RING ASSEMBLY. HUB BORES SHALL CONFORM TO THE OF THE BEARING MANUFACTURER. ALL ROTATE PLUMB AND TRUE WITHOUT TOUCHING THE	ARCHITECT dimovskiarchitecture 59 Kensico Road, Thornwood, NY 10594 (914) 747-3500   (914) 747-3588 fax www.dimovskiarchitecture.com				
SHALL BE DESIGNED AND FABRICATED TO SUPPORT A INIMUM MANUFACTURER'S RECOMMENDED WORKING LOAD. SHEAVES SHALL BE 8 INCHES IN DIAMETER. ALL HAVE 5/8-INCH MINIMUM DIAMETER SHAFTS. HICKNESS SHALL BE 12-GAUGE MINIMUM. PROVIDE PIPE STIFFEN THE SIDE PLATES AND PREVENT THE WIRE ROPE G THE GROOVES. S SHALL BE 1-1/2 X 1-1/2-INCH MINIMUM. LOCK SHALL HAVE A SINGLE-LINE SHEAVE. SHALL BE LABELED WITH THE FOLLOWING INFORMATION: CTURER CONTACT INFORMATION IENDED WEIGHT LIMIT CAPACITY.	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>				
Y: 2500 POUNDS 20 FEET PER MINUTE APPLIED, ELECTRICALLY RELEASED MOTOR BRAKE RATED % OF THE MOTOR FULL LOAD TORQUE ARY MECHANICAL BRAKE (LOAD OR OVERSPEED) LIMIT SWITCH FOR HIGH AND LOW TRAVEL AND AVEL TRIMS. . BE 8-INCH DIAMETER, HELICALLY GROOVED FOR WIRE S SHALL ACCEPT THE WIRE ROPE IN A SINGLE LAYER, PLUS WRAPS. E AND SETUP CONTROLS SHALL BE PROVIDED. NT STIC OR WOODEN TUBS TO COLLECT AND DEPLOY STAGE VER AND CONTROL CABLE AS THE GRIDS RAISE AND I THE ASSEMBLY BLACK. NG CONTROLS	300 Raritan Ave, 2nd Fir       732.333.8003         Highland Park, NJ 08904       stagesconsultants.com				
ROL CABINET AND SHALL INCLUDE THE FOLLOWING RATED POWER SWITCH. D-OPERATE UP AND DOWN OPERATION PUSHBUTTONS WITH DR LIGHTS THAT ILLUMINATE WHEN A BUTTON IS PRESSED MOTOR HAS REACHED ITS CORRESPONDING LIMIT. TED E-STOP BUTTON GING INFORMATION" SIGNS, AS ILLUSTRATED IN THE VALL MOUNT ADJACENT TO RIGGING CONTROLLER.	NO. REVISION/ISSUE DATE				
Above Signs with I//e-indre-thick TRANSPARENT PLASTIC         EWED TO THE WALL.         CHEDULE         ERY SCHEDULE IS AS FOLLOWS:         QUANTITY       HEIGHT         4       22'-0"         1       22'-0"         50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         20-0"       EN         20-0"       EN         20-0"       EN         21       22'-0"         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1         22'-0"       50'-0"         EN       1	PROJECT INTERIOR RENOVATION BUDIC SOUND STAGE DATE: 06/18/2018 PROJECT NO: DA 1845 / SU-062518 DRAWN BY: SEM CHECKED BY: AS SCALE: AS NOTED				
ESS FADRIC. COLOR. BLEACHED WHITE. EN: 62" WIDE, INHERENTLY FLAME RETARDANT, ROSE BRAND & APPROVED EQUAL. COLOR: CHROMA KEY GREEN. LL BE FLAME TREATED IN A MANNER APPROVED BY THE E LOCAL AGENCY, WHERE APPLICABLE. A NOTARIZED ALL ACCOMPANY THE DRAPERIES ATTESTING THAT ALL E BEEN FLAME TREATED IN THE APPROVED MANNER. DRIZONTAL OR SPLIT WIDTHS OF FABRIC SHALL BE ED IN ANY PART OF ANY DRAPERY. COLOR SHALL BE FROM 1 DYE LOT. SHALL RUN IN A CONSISTENT DIRECTION. NAP SHALL RUN < VELOUR MASKING PIECES.	DRAWING TITLE THEATRE RIGGING SPECIFICATIONS SHEET NO.				
FOR COORDINATION ONLY. PROCURED UNDER SEPARATE CONTRACT.	TR2.01				