ROOFTOP UNIT SCHEDULE

IDENTITY DATA			AIRFLOW			DX COOLING COIL						GAS HEAT			ELECTRICAL							
MARK	MANUFACTURER	MODEL	SUPPLY (CFM)	O.A. (CFM)	E.S.P. (IN.W.C.)	NOM. TONS	AMB. O.A.T. (°F)	ENTERING AIR D.B. (°F)	ENTERING AIR W.B. (°F)	TOTAL (MBH)	SENSIBLE (MBH)	FUEL	INPUT (MBH)	OUTPUT (MBH)	VOLTS	Ø	HZ	FAN HP SUP.	MCA (A)	MOP (A)	WEIGHT (LBS)	REMARKS
RTU - 1	TRANE	YHD120	3200	1000	0.75	10	105	80	67	107.8	84.3	NG	200.0	160.0	480	3	60	3	25.3	30	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 1A	TRANE	YHD072	1920	600	0.75	6	105	80	67	66.9	49.7	NG	120.0	97.2	480	3	60	1	17.5	25	1400	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 2	TRANE	YHD120	3210	1100	0.75	10	105	80	67	107.8	84.3	NG	200.0	160.0	480	3	60	3	25.3	30	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 3	TRANE	YHD120	3210	1000	0.75	10	105	80	67	107.8	84.3	NG	200.0	160.0	480	3	60	3	25.3	30	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 4	TRANE	YHD120	3210	1100	0.75	10	105	80	67	107.8	84.3	NG	200.0	160.0	480	3	60	3	25.3	30	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 5	TRANE	YHD120	2790	900	0.75	10	105	80	67	107.8	84.3	NG	200.0	160.0	480	3	60	2	25.3	30	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 6	TRANE	YHD072	1440	450	0.75	6	105	80	67	66.9	49.7	NG	120.0	97.2	480	3	60	1	17.5	25	1400	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 7	TRANE	YHD072	1440	450	0.75	6	105	80	67	66.9	49.7	NG	120.0	97.2	480	3	60	1	17.5	25	1400	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 8	TRANE	YHD120	3210	1050	0.75	10	105	80	67	120	96	NG	200.0	160.0	480	3	60	3	25.3	30	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 9	TRANE	YSD210	5600	1070	0.80	17.5	105	80	67	210	153	NG	350.0	284.0	480	3	60	5	44	60	2700	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 10	TRANE	YSD120	3200	720	0.80	10	105	80	67	120	96	NG	250.0	202.0	480	3	60	3	26.9	35	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 11	TRANE	YSD120	3250	230	0.80	10	105	80	67	120	96	NG	150.0	122.0	480	3	60	3	26.9	35	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 12	TRANE	YSD210	5695	360	1.00	17.5	105	80	67	210	153	NG	250.0	203.0	480	3	60	5	44	60	2700	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 13	TRANE	YSD060	1860	160	0.75	5	105	80	67	63.1	46.9	NG	60.0	48.0	480	3	60	1	16	25	1400	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 14	TRANE	YSD090	2700	550	0.80	7.5	105	80	67	95	72.9	NG	120.0	97.2	480	3	60	2	22.6	35	1500	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 15	TRANE	YSD060	2000	120	0.80	5	105	80	67	63.1	46.9	NG	60.0	48.0	480	3	60	1	18	25	1400	NOTE 1,2,3,4,5,6,7,8,9,10,11,12
RTU - 16	TRANE	YSD060	2000	250	0.80	5	105	80	67	63.1	46.9	NG	60.0	48.0	480	3	60	1	18	25	1400	NOTE 1,2,3,4,5,6,7,8,9,10,11,12

NOTES:

1.) PROVIDE 14" HIGH FACTORY FABRICATED INSULATED SOUND-ATTENUATING ROOF CURB.
2.) SET MINIMUM OUTSIDE AIR AS SPECIFIED ABOVE. OUTSIDE AIR DAMPER SHALL FULLY CLOSE ON UNIT SHUTDOWN.
3.) PROVIDE 5-MINUTE TIME DELAY ON COMPRESSOR RESTART.
4.) PROVIDE INTEGRATED ENTHALPY ECONOMIZER.
5.) PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT SWITCH. UNIT SHALL HAVE SINGLE POINT WIRING CONNECTION.
6.) MODEL NUMBERS ARE GENERAL MODEL NUMBERS FOR BASIS OF DESIGN. MODEL NUMBER MAY NOT INCLUDE ALL ACCESSORIES REQUIRED.
7.) PROVIDE FACTORY MOUNTED 120 VOLT DUPLEX SERVICE RECEPTACLE. RECEPTACLE SHALL BE INTERCONNECTED UPSTREAM OF FACTORY WIRED UNIT DISCONNECT SUCH THAT RECEPTACLE REMAINS ENERGIZED WHEN DISCONNECT SWITCH IS OPENED.
8.) PROVIDE RELAY CONTACTOR TO SHUTDOWN ROOFTOP UNIT ON DETECTION OF SMOKE.
9.) PROVIDE AUDITORIUM UNITS WITH HOT GAS REHEAT OPTION.
10.) FURNISH WITH CO2 SENSOR FOR DEMAND CONTROL VENTILATION.
11.) FURNISH WITH MERV 13 FILTERS.
12.) UNIT SHALL HAVE A MINIMUM SHORT CIRCUIT CURRENT RATING (SCCR) OF 5 KAIC.
13.) UNIT SHALL HAVE A MINIMUM SHORT CIRCUIT CURRENT RATING (SCCR) OF 65 KAIC.

EXHAUST AND VENTILATION FAN SCHEDULE

IDENTITY DATA					PERFORMANCE					ELECTRICAL					
MARK	MANUFACTURER	MODEL	FAN TYPE	DRIVE TYPE	FLOW (CFM)	E.S.P. (IN.W.C.)	SPEED (RPM)	SONES	FAN (HP)	VOLTS	Ø	HZ	ACCESSORIES	WEIGHT (LBS)	REMARKS
EF - 2	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 3	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 4	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 5	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 6	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 7	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 8	GREENHECK	G-121-B	CENTRIFUGAL ROOF MTD. DOWNBLAST	DIRECT	750	0.375	1140	8.1	0.17	120	1	60	BS, BD, RC, WP	80	
EF - 9	GREENHECK	GB-101-4	CENTRIFUGAL ROOF MTD. DOWNBLAST	BELT	700	0.625	1360	6.9	0.25	120	1	60	BS, BD, RC, WP	80	
EF - 10	GREENHECK	GB-101-4	CENTRIFUGAL ROOF MTD. DOWNBLAST	BELT	675	0.625	1449	7.5	0.25	120	1	0	BS, BD, RC, WP	80	
EF - 11	GREENHECK	GB-81-4	CENTRIFUGAL ROOF MTD. DOWNBLAST	BELT	300	0.625	1401	7.8	0.25	120	1	0	BS, BD, RC, WP	80	

ACCESSORIES:

AD - MOTORIZED CONTROL DAMPER, BS - BIRD SCREEN, BD - BACKDRAFT DAMPER, DS - DISCONNECT SWITCH, IG - INLET GUARD, MR - WALL MOUNTING RING, RC - PREFABRICATED INSULATED ROOF CURB, SC - PREFABRICATED SOUND ATTENUATING ROOF CURB, WG - WALL GRILLE, WP - NEMA 3R DISCONNECT SWITCH.

NOTES:

1.) MODEL NUMBERS ARE GENERAL MODEL NUMBERS FOR BASIS OF DESIGN. MODEL NUMBER MAY NOT INCLUDE ALL ACCESSORIES REQUIRED. SEE SPECIFICATIONS.

GRILLE, REGISTER AND DIFFUSER SCHEDULE

IDENTITY DATA										
MARK	MANUFACTURER	MODEL	TYPE	NECK SIZE (L"xW")	FACE SIZE (L"xW")	FRAME TYPE	FINISH	NC	ACCESSORIES	REMARKS
A	TITUS	TMS	HIGH PERFORMANCE SQUARE CONE DIFFUSER	RE: DWG.	24"x24"	NOTE 1	WHITE	<30		
B	TITUS	TMRA	ADJUSTABLE ROUND CEILING DIFFUSER	RE: DWG.	RE: DWG.	DUCT	ALUMINUM	<30		
C	TITUS	50F	EGGCRATE RETURN GRILLE	22"x22"	24"x24"	NOTE 1	WHITE	<30		NOTE 4
D	TITUS	TBDI	ADJ. GASKET TIPPED BLADE PLENUM SLOT DIFFUSER	RE: DWG.	RE: DWG.	SURFACE	WHITE	<30		
E	TITUS	TMS	HIGH PERFORMANCE SQUARE CONE DIFFUSER	RE: DWG.	12"x12"	NOTE 1	WHITE	<30		
F	TITUS	350FL	EXHAUST GRILLE WITH 35° DEFLECTION	22"x22"	24"x24"	[illegible]	WHITE	<30		
G	TITUS	50F	EGGCRATE RETURN GRILLE	22"x10"	24"x12"	NOTE 1	WHITE	[illegible]		NOTE 5
H	TITUS	300RL	ADJ. SUPPLY GRILLE WITH DOUBLE DEFLECTION	RE: DWG	RE: DWG.	SURFACE	WHITE	[illegible]		

ACCESSORIES:

OBD - OPPOSED BLADE DAMPER, LSP - LINEAR SLOT PLENUM

NOTES:

1.) LAY-IN FRAME FOR LAY-IN CEILINGS. PLASTER FRAME FOR GYPSUM BOARD CEILINGS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
2.) PAINT TO MATCH CEILINGS. NC FOR AUDITORIUMS TO BE <20.
3

UNIT HEATER SCHEDULE

IDENTITY DATA				SUPPLY AIR FAN			ELECTRIC HEAT			ELECTRICAL					
MARK	MANUFACTURER	MODEL	TYPE	FLOW (CFM)	[illegible]	RPM	INPUT (KW)	[illegible]	OUTPUT MBH	VOLTS	Ø	HZ	MCA (A)	MOP (A)	REMARKS
UH - 1	TRANE	UHEC	SPOT HEATER	400	[illegible]	[illegible]	5.00	[illegible]	17.065	208	1	60	30.1	35	NOTE 1,2,3,4

NOTES:

1.) PROVIDE UNIT-MOUNTED THERMOSTAT.
2.) PROVIDE DISCONNECT SWITCH.
3.) PROVIDE WALL MOUNTING BRACKET.

BASEBOARD HEATER SCHEDULE

IDENTITY DATA					ELECTRIC HEAT		ELECTRICAL						
MARK	MANUFACTURER	MODEL	TYPE	LENGTH (FT.)	WATT DENSITY (W/FT.)	TOTAL POWER (KW)	VOLTS	Ø	HZ	MCA (A)	MOP (A)	FINISH	REMARKS
BH - 1	TRANE	[illegible]	ELECTRIC BASEBOARD	6	125	0.75	208	1	60	3.6	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 2	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 3	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 4	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 5	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 6	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 7	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5
BH - 8	TRANE	RDBT-PD	ELECTRIC BASEBOARD	8	125	1.00	208	1	60	4.8	0	BLACK ANODIZED	NOTE 1,2,3,4,5

NOTES:

1.) PROVIDE WITH UNIT MOUNTED THERMOSTAT.
2.) PROVIDE WITH DISCONNECT SWITCH.
3.) PROVIDE WITH PEDISTAL KIT.
4.) PROVIDE SPLICE PLATES, WALL TRIM, AND BLANK SECTIONS AS REQUIRED FOR CONTINUOUS APPEARANCE.
5.) FIELD VERIFY EXACT LENGTHS.

MECHANICAL SYMBOLS

EXISTING DUCT/PIPE TO REMAIN
EXISTING PIPE TO REMAIN
EXISTING DUCT/PIPE TO BE REMOVED
NEW SHEET METAL DUCTWORK
SUPPLY OR OUTSIDE AIR DUCT
RETURN AIR DUCT
EXHAUST AIR DUCT
DUCTWORK TRANSITION
DUCTWORK TRANSITION - RECTANGULAR TO ROUND
SUPPLY DUCT ELBOW UP OR DOWN
RETURN DUCT ELBOW UP OR DOWN
EXHAUST DUCT ELBOW UP OR DOWN
DUCT ELBOW WITH FIXED TURNING VANES
DUCT BRANCH TAKE-OFF
ROUND SPIN-IN WITH DAMPER
SQUARE TO ROUND TAP WITH DAMPER
FLEXIBLE DUCT CONNECTION
FIRE DAMPER
VOLUME DAMPER
FLEXIBLE DUCTWORK

SUPPLY DIFFUSER
SUPPLY DIFFUSER WITH 3-WAY THROW
RETURN GRILLE
EXHAUST GRILLE
ROOF MOUNTED EXHAUST FAN
UNIT HEATER
THERMOSTAT - ELECTRIC
TEMPERATURE SENSOR
CONNECT TO EXISTING
DIFFUSER DESIGNATION, CFM AND NECK SIZE
HVAC NOTE DESIGNATION
DEMOLITION NOTE DESIGNATION
REVISION DESIGNATION
MECHANICAL EQUIPMENT DESIGNATION
BDD BACKDRAFT DAMPER
CFM CUBIC FEET PER MINUTE
ESP EXTERNAL STATIC PRESSURE
FD FIRE DAMPER
RTU ROOFTOP UNIT
TSP TOTAL STATIC PRESSURE
TYP TYPICAL

NOTE: THIS PROJECT MAY NOT USE EVERY SYMBOL OR DEVICE APPEARING ON THIS LEGEND.

GEORGIA REGISTERED No. PE033496 PROFESSIONAL ENGINEER TIM L SCOTT

SIGNATURE DATE:

GDS ENGINEERING
Gibbens, Drake, Scott, Inc.
9201 E. 63rd Street, Suite 100
Raytown, Missouri 64133
Phone: (816) 358-1790
Fax: (816) 358-2367
www.gdsengr.com
GEORGIA COA #PEF000263

SHEET LEGEND

G000's GENERAL INFORMATION & SCOPE OF WORK
N100's EGRESS / ADA PLANS & DETAILS
A100's FLOOR PLANS & CEILING PLANS
A200's EXTERIOR & INTERIOR ELEVATIONS
A300's BUILDING SECTIONS
A400's ENLARGED PLANS
A500's EXTERIOR & INTERIOR DETAILS
A600's DOOR SCHEDULE, DOOR DETAILS, FINISH SCHEDULE, FINISH PLANS
Q100's AUDITORIUM SIGHT LINE SECTIONS
Q120's AUDITORIUM SEATING PLAN
S's STRUCTURAL
M's MECHANICAL
P's PLUMBING
E's ELECTRICAL
WF's WAYFINDING DETAILS
FS's CASEWORK & EQUIPMENT

MADISON YARDS 8

AMC NEW BUILD
905 MEMORIAL DRIVE SE
ATLANTA, GA 30316

American Multi-Cinema, Inc.
One AMC Way
11500 Ash Street
Leawood, KS 66211

No.	Date	Description

Project Issue Date:

KEY PLAN:

THIS DRAWING IS A SINGLE PART OF AN INTEGRATED SET OF CONSTRUCTION CONTRACT DOCUMENTS. REFER TO DRAWING AND SPECIFICATION SHEETS INCLUDING, BUT NOT LIMITED TO, ALL "GENERAL CONDITIONS", "SUMMARY OF WORK", AND APPLICABLE SPECIFICATION SECTIONS WHICH APPLY TO THIS DRAWING. REFER TO ALL DOCUMENTS FOR THE COMPLETE SCOPE OF WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL INFORMATION CONTAINED IN THE "SET" OF DOCUMENTS ISSUED. THIS DRAWING IS SCHEMATIC AND IS NOT TO BE USED AS A SHOP DRAWING. ALTERATIONS FROM THAT SCHEMATIC AND IS NOT TO BE USED AS A SHOP DRAWING. ALTERATIONS FROM THAT SHOWN REQUIRED TO COORDINATE WITH OTHER TRADES OR TO CONFORM TO ACTUAL SITE CONDITIONS ARE THE CONTRACTOR'S RESPONSIBILITY. VERIFY THE LOCATIONS OR DIMENSIONS OF ALL ARCHITECTURAL AND STRUCTURAL ELEMENTS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS ISSUED. THE SHOWING OF THESE ELEMENTS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED PRIOR TO DESIGN OR CONSTRUCTION. NO LIABILITY IS ASSUMED BY THE INDICATION OF ELEMENTS IN THESE DRAWINGS. THE ACCOMPANYING PROFESSIONAL SEAL INDICATES THAT THE PERSON WHOSE NAME APPEARS ON THE SEAL HAS PREPARED OR SUPERVISED PREPARATION OF THE DOCUMENT ON WHICH THE SEAL APPEARS. THAT PERSON AND THE FIRM FOR WHICH THAT PERSON IS EMPLOYED BY DISCLAIM RESPONSIBILITY FOR ANY PORTIONS OF THE WORK ON WHICH THEIR SEAL DOES NOT APPEAR.

THIS DOCUMENT SHALL NOT BE USED FOR ANY OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF GIBBENS DRAKE SCOTT. ANY INDIVIDUAL AND/OR COMPANY THAT USES THIS DOCUMENT UNAUTHORIZED, AGREES TO THE FULLEST EXTENT OF THE LAW, TO INDEMNIFY AND HOLD HARMLESS GIBBENS DRAKE SCOTT, INC., IT'S OFFICERS, DIRECTORS AND EMPLOYEES AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY'S FEES AND COSTS OF DEFENSE, ARISING OUT OF THE MISUSE OF THIS DOCUMENT.

THIS DRAWING COPYRIGHT 2018 ©

SHEET TITLE:

MECHANICAL SCHEDULES

SHEET NUMBER:

M000

Order Plans @ WWW.LDILine.com