TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

SPACE CD.04, Nashville TN, 37214

CONTACTS

SUBTENANT Time for a Shine Nashville, TN 37214 (615) 944 6890 Contact: Antwain Shaw timeforashine@gmail.com

ARCHITECT LGA Partners 1425 Forbes Avenue, Suite 400 Pittsburgh, PA 15219 (412) 243-3430 x6540 Contact: WAYNE CHANG laguirre@lga-partners.com GENERAL CONTRACTOR (TBD)

MEP CONSULTANT I.C. Thomasson Associates, Inc. 2950 Kraft Drive Nashville, TN 37204 (615) 346-3458 Contact: Kennedy Davidson kdavidson@icthomasson.com LANDLORD Fraport - Tennessee One Terminal Drive Nashville, TN 37214 (615) 514-4715 x3 Contact: Matt Jennings

m-jennings@fraport-usa.com

BUILDING OWNER Metropolitan Nashville Airport Authority 140 BNA Park Drive, Suite 520 Nashville TN, 37214

LOCATION MAP

CD.04

PLAN NORTH





NASHVILLE INTERNATIONAL



DRAWING LIST

	DRAWING LIST - PROJECT	
		ORIGINAL
SHEET NUMBER	SHEET NAME	ISSUE DATE
PROJECT INFORMATION		
G001	COVER	10/20/202
CODE DATA		
G002	RESPONSIBILITY MATRIX & AIRPORT CONSTRUCTION STANDARDS	10/20/202
G013	CODE SUMMARY - EXISTING BUILDING - WORK AREA METHOD	10/20/202
G020	LIFE SAFETY PLANS	10/20/202
G041	ACCESSIBILITY DETAILS	10/20/202
GENERAL INFORMATION		
A000	ARCHITECTURAL GENERAL NOTES	10/20/202
GENERAL ARCHITECTURAL INFO	 DRMATION	
A010	SPECIFICATIONS	10/20/202
A011	SPECIFICATIONS	10/20/202
A012	SPECIFICATIONS	10/20/202
A013	SPECIFICATIONS	10/20/202
ARCHITECTURAL		
A101	CONSTRUCTION, CEILING, FINISH, AND MILLWORK PLANS	10/20/202
A421	INTERIOR AND MILLWORK ELEVATIONS & DETAILS	10/20/202
A651	SIGNAGE, BULKHEAD AND ELEC. PANEL DETAILS	10/20/202
A652	WALL DETAILS AND SECTIONS	10/20/202
A832	ARCHITECTURAL POWER & LOW VOLTAGE PLAN	10/20/202
FIRE PROTECTION		
FP101	FIRE PROTECTION-FLOOR PLANS	10/20/202
ELECTRICAL		
E001	ELECTRICAL LEGEND AND SCHEDULES	10/20/202
E101	ELECTRICAL FLOOR PLANS	10/20/202
E301	ELECTRICAL SPECIFICATIONS	10/20/202
MECHANICAL		
M001	MECHANICAL - LEGENDS, DETAILS, AND SCHEDULES	10/20/202
M002	MECHANICAL - SPECIFICATIONS	10/20/202
M101	MECHANICAL - FLOOR PLANS	10/20/202

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

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> SPACE CD.04 Nashville TN, 37214

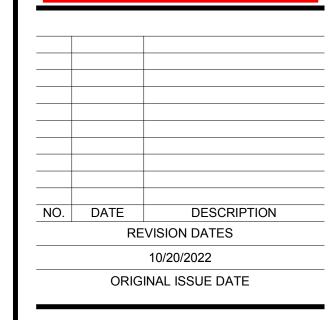
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CONSTRUCTION **DRAWINGS**



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PROJECT NO.: 22277 DRAWN BY: MJS

COVER

G001

Haran Haran Gene											
	APPLICABLE	Ŋ		LORD .	D SUBTENANT CONTRA		RACTOR				
	т АРР	EXISTING	FURNISH	INSTALL	FURNISH	INSTALL	FURNISH	INSTALL			
SCOPE ITEM GENERAL REQUIREMENTS	NOT	<u> </u>		Ä	_ ⊋_	Ž		Ä	REMARKS		
PLAN REVIEW FEE CERTIFICATE OF INSURANCE					Х		Х	X			
HAZMAT ABATEMENT	Χ							Α			
BUILDING PERMIT/FEES TRASH REMOVAL & DUMPSTER							X				
DAILY CLEAN-UP & FINAL CLEANING CERTIFICATE OF OCCUPANCY							X	X	PROVIDE COPY TO OWNER		
LANDLORD/OWNER/BRAND PUNCH LIST COMPLETION							X	X	PROVIDE COFT TO OWNER		
SITE CONSTRUCTION DEMOLITION AND REMOVAL							X	X	IF APPLICABLE		
BARRICADE (REMOVAL/DISPOSAL BARRICADE GRAPHICS											
CONCRETE	۸										
CONCRETE SLAB - STRUCTURAL CORING/TRENCHING		Х					X	X			
TOPPING SLAB FLOORING PREP (INC. FLOATING IF NECESSARY	Χ						X	X			
METALS							^	^			
STRUCTURAL STEEL EXPANSION CONTROL		X									
JOISTS/DECKING		X									
WOOD AND PLASTICS ROUGH CARPENTRY							Х	X			
FINISH CARPENTRY THERMAL AND MOISTURE PROTECTION							X	X			
SOUND ATTENUATION INSULATION		X					-	-	DATCH AC NIFEDED		
FIREPROOFING DOORS AND HARDWARE		Х					X	X	PATCH AS NEEDED		
INTERIOR DOORS SECURITY GRILLES											
HARWARE (INCLUDING KICK PLATES)	^						X	X	COORDINATE W/OWNER FOR LOCKSMITH; PROVIDE ESCORTING AS NEEDED		
FINISHES FLOORING AND WALL BASE - SALES AREA							X	X			
FLOORING AND WALL BASE - STOCKROOM	Χ										
FLOORING REDUCER/TRANSITION STRIPS (AS NEEDED) SPECIALTY WALL FINISHES - SALES AREA (IE MEGAWALL,							X	X			
WALL-COVERINGS) SPECIALTY WALL FINISHES - STOCKROOM (IE. FRP)	Х										
SPECIALTY WALL FINISHES - STOREFRONT SPECIALTY SOFFIT / CEILING ELEMENTS / LIGHT COVES							X	X			
DROP CEILING GRID, TILES & HANGING							X	X			
DEMISING PARTITIONS FRAMING AND GYPSUM BOARD INTERIOR PARTITIONS FRAMING AND GYPSUM BOARD	Χ						X	X	GYPSUM BOARD ONLY		
MISC. SUPPORT ASSEMBLIES (BLOCKING/BACKING)							X	X			
PAINTS AND COATINGS SPECIALTIES							X	X			
STOREFRONT SIGNAGE STOREFRONT PORTAL							X	X	GC TO PROVIDE SIGNAGE AT THIS LOCATION.		
BLADE SIGN							X	Х			
INTERIOR GRAPHICS INTERIOR SIGNAGE					X		X		OWNER TO PROVIDE GRAPHIC IMAGES. GC TO INSTALL OWNER TO PROVIDE GRAPHIC IMAGES. GC TO INSTALL		
SERVICE DOOR SIGNAGE VISUAL DISPLAY BOARDS (LIGHT BOXES)	X										
GRILLES & SCREENS FOR HVAC SYSTEM	X										
CORNER GUARDS LOCKERS	Χ						X	X	PROVIDE AND INSTALL FOR ALL OUTSIDE CORNERS AS SHOWN ON THE PLANS		
STOCKROOM SHELVING AND MISC. HARDWARE	Χ						V	V			
PHONE BOARD LAYOUT ACCESS PANELS							X	X			
LOCKSMITH/KEYS							X	X	COORDINATE W/OWNER FOR RECOMMENDED LOCKSMITH. COORDINATE W/OWNER'S CONSTRUCTION MANAGER FOR REQUIRED TYPE KEYWAY AND NUMBER OF KEYS		
EQUIPMENT CASHWRAP SAFES AND MISC. EQUIPMENT					Х			V	GC COORDINATE W/OWNER FOR LOCATIONS AND INSTALL OWNER-FURNISHED EQUIPMENT		
P.O.S. EQUIPMENT					X	Χ					
AUDIO-VISUAL EQUIPMENT (SPEAKERS, TV/MOUNT; ETC.) PEOPLE COUNTER EQUIPMENT	Χ						X	X	GC PROVIDED TERMINATE CABLES AND INSTALL EQUIPMENT AS NEEDED. GC TO ESCORT OWNER'S VENDORS AS REQUIRED		
OPERATIONS/OFFICE EQUIPMENT/STORE SUPPLIES	,				Х	Х		X	GC TO RECEIVE SHIPMENTS AS REQUIRED AND STORE OFFSITE OR BRING INTO SPACE. PHOTOS AND PACKING SLIPS TO BE PROVIDE TO OWNER REP. GC TO INVENTORY ALL ITEMS RECEIVED AND PROVIDE LIST TO OWNER REP		
FURNISHINGS									TO OWNER REP. GC TO INVENTORY ALL ITEMS RECEIVED AND PROVIDE LIST TO OWNER REP		
ARTWORK CASEWORK/MILLWORK	Х						X	X			
LOOSE FLOOR FIXTURES					V	V	X	Х	GC COORDINATE W SUBTENANT ON PLACEMENT		
MERCHANDISING HARDWARE/PROPS (PEGS, BRACKETS, ETC.)					Х	Х			GC TO RECEIVE SHIPMENTS AS REQUIRED AND STORE OFFSITE OR BRING INTO SPACE. PHOTOS AND PACKING SLIPS TO BE PROVIDE TO OWNER REP. GC TO INVENTORY ALL ITEMS RECEIVED AND PROVIDE LIST TO OWNER REP		
SHELVING AND HARDWARE ANTI-FATIGUE MAT					X		Х	X			
SPECIALTY CONSTRUCTION CAMERAS / DVR & MONITOR / CCTV POWER SUPPLY							V		GC DDOVIDED TEDMINATE CARLES AND INSTALL EQUIDMENT AS NEEDED		
BURGLAR ALARM BRAIN/KEYPAD/MOTION SENSORS	Χ						X		GC PROVIDED TERMINATE CABLES AND INSTALL EQUIPMENT AS NEEDED.		
FIRE EXTINGUISHERS MECHANICAL							X	X	SEE PLAN, COORDINATE W/FIRE MARSHALL AS NEEDED		
FIRE SPRINKLERS	V						Х	X			
WATER METERING EQUIPMENT HVAC EQUIPMENT (INCLUDING CONTROLS & DISTRIBUTION)	Χ										
TESTING, ADJUSTING AND BALANCING SMOKE DETECTION											
HEAT DETECTION	Χ										
TRANSFER GRILLES/FIRE DAMPERS	Х										
TEMPORARY UTILITIES DURING CONSTRUCTION ELECTRICAL SERVICE AND METERINGS		_					X	X			
TRANSFORMER							Х	Х			
ELECTRICAL PANELS WIRING, CIRCUITING, RECEPTACLES, SWITCHES							X	X			
EMERGENCY LIGHTING					V		Х	Х	SEE LIGHTING SCHEDULE		
LIGHT FIXTURES LAMPS					X		X		SEE LIGHTING SCHEDULE SEE LIGHTING SCHEDULE		
EXIT SIGNS CONNECTION AND WIRING OF CASHWRAP/BACKWRAP									SEE LIGHTING SCHEDULE		
PHONE BOARD											
TIME CLOCK FIRE ALARM SYSTEM: ALL COMPONENTS - DEVICES, CONDUIT,							X	X	STOREFRONT SIGNAGE AND BLADE SIGN		
WIRING, TESTING, CONTACT MODULE TELEPHONE/DATA SERVICE TO SPACE	Х							-	CONDUIT TO MAIN FACILITY DEMARK BY OWNER. GC PROVIDE ANY HOMERUNS FROM FACILITY DEMARK TO SPACE AND DISTRIBUTION		
·									WITHIN SPACE		
TELEPHONE/CAT6/SPEAKER CABLE DISTRIBUTION; CONDUIT, WIRING, TERMINATION TO PATCH BAY OR HEAD-END EQUIPMENT	Х								INCLUDES CABLE AND TERMINATION FOR SECURITY CAMERAS, PEOPLE COUNTER, TV MONITORS, CASHWRAP DATA, MANAGER'S DESIDATA AND INTRUSION ALARM KEYPAD		
(INCLUDING FROM FACILITY DEMARK/IDF/PHONE ROOM TO PHONE				1		ĺ		1			

AIRPORT CONSTRUCTION STANDARDS

SPONSORS SHALL COMPLY WITH ALL RULES AND REGULATIONS SET FORTH BY THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE CODES DEPARTMENT AND THESE STANDARDS. A CONTRACTOR SHALL BE PROPERLY LICENSED TO DO THE TYPE OF WORK REQUIRED UNDER ITS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR ALL CODE INSPECTIONS AND TESTING OF WORK AND EQUIPMENT. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT WORKERS, THE GENERAL PUBLIC, AND PRIVATE AND PUBLIC PROPERTY AND COMPLY WITH ALL REQUIREMENTS OF THE OCCUPATION SAFETY AND HEALTH ACT (OSHA). SMOKING IS NOT PERMITTED ANYWHERE IN THE TERMINAL BUILDINGS AND NON-TERMINAL BUILDINGS, INCLUDING STORES UNDER CONSTRUCTION. IN THE TERMINAL BUILDINGS, SMOKING AREAS HAVE BEEN DESIGNATED BY MNAA. THE CONTRACTOR SHALL PROVIDE DRINKING WATER FOR ITS EMPLOYEES. THE SPONSOR AND ITS CONTRACTORS AND SUBCONTRACTORS ARE RESPONSIBLE FOR TRANSPORTING THEIR RESPECTIVE EMPLOYEES TO AND FROM THE WORKSITE.

THE CONTRACTOR SHALL NOT COMMENCE WORK UNDER THIS CONTRACT NOR ALLOW ANY SUBCONTRACTOR TO COMMENCE WORK UNTIL ALL INSURANCE REQUIRED HAS BEEN PROCURED AND SUCH INSURANCE SUBMITTED AND APPROVED BY MNAA. THE SPECIFIC REQUIREMENTS FOR INSURANCE ARE CONTAINED IN THE TENANT'S LEASE AGREEMENT/CONTRACT. INSURANCE AS HEREINAFTER PROVIDED SHALL BE KEPT INTACT AND IN FORCE THROUGHOUT THE TERM OF THE CONTRACT.

B. BONDS REQUIREMENTS FOR BONDING OF CONTRACTORS SHALL BE AS DEFINED IN THE TENANT'S LEASE AGREEMENT/CONTRACT.

C. PERMITS THE SPONSOR IS RESPONSIBLE FOR ACQUIRING ALL NECESSARY PERMITS REQUIRED FOR CONSTRUCTING ITS TENANT IMPROVEMENTS IN A TIMELY MANNER. ELECTRONIC COPIES OF ALL PERMITS SHALL BE SUBMITTED TO THE MNAA PRIOR TO INITIATING WORK. ALL PERMITS MUST BE CLEARLY POSTED IN A LOCATION DESIGNATED BY MNAA FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF APPLICABLE, THE SPONSOR SHALL SUBMIT ITS CONSTRUCTION MANAGEMENT EROSION CONTROL PLAN/AIR OUALITY PERMIT TO THE MNAA TECHNICAL ADVISOR PRIOR TO INITIATING WORK.

ELECTRONIC COPIES OF PERMITS, INSURANCE CERTIFICATES, "AS-BUILT" RECORD DRAWINGS, SPECIFICATIONS, WARRANTIES AND OTHER CLOSEOUT INFORMATION ARE TO BE SUBMITTED TO MNAA IN PDF FORMAT WITHIN 60 DAYS OF PROJECT COMPLETION, ALONG WITH COMPLETE CAD DRAWING FILES. FRAPORT TO COORDINATE WITH MNAA AND HENSEL PHELPS WHEN THE PROJECT IS RELEASED FOR CONSTRUCTION TO DETERMINE REOUIREMENTS FOR DUST WALLS AND TEMPORARY BARRICADES BASED ON THE THEN-CURRENT STATUS OF THE TERMINAL LOBBY AND IAF BUILDING CONSTRUCTION AND PUBLIC ACCESS TO THE SPACE.

D. WORK HOURS IN GENERAL, WORK IN PUBLIC AREAS IS RESTRICTED TO HOURS WHEN THE AREA IS CLOSED TO THE PUBLIC, WORK IN NON-PUBLIC AREAS SHOULD BE BETWEEN 7:00 AM AND 5:00 PM, ANY DEVIATION FROM THIS WORK SCHEDULE SHOULD BE SUBMITTED TO MNAA FOR APPROVAL. IN THE TERMINAL BUILDINGS, THE MNAA REQUIRES CERTAIN WORK ACTIVITIES TO TAKE PLACE BETWEEN THE HOURS OF 11:00 P.M. AND 5:00 A.M. AS FOLLOWS:

1. MAJOR SERVICE DISRUPTIONS 2. JACK-HAMMERING, ROTO-HAMMERING, CORE-DRILLING OR OTHER NOISY OPERATIONS

3. WORK REQUIRING BLOCKING OF PUBLIC ENTRANCES 4. ALL OTHER WORK WHICH WOULD PREVENT CONTINUOUS OPERATION OF THE BUILDING 5. HAULING OF DEMOLISHED MATERIAL

6. SETTING UP AND REMOVAL OF CONSTRUCTION PARTITIONS

7. DELIVERY OF LARGE MATERIALS E. CONSTRUCTION SIGNS

ACTIONS SHALL BE CHARGED TO THE SPONSOR.

C. TEMPORARY WALLS

A. INSURANCE

CONSTRUCTION PROJECT SIGNS ARE NOT ALLOWED, EXCEPT FOR SAFETY AND TRAFFIC CONTROL AND MUST BE APPROVED BY MNAA.

F. COORDINATION WITH OTHER TENANTS MNAA RESERVES THE RIGHT AT ANY TIME TO CONTRACT FOR AND PERFORM OTHER OR ADDITIONAL WORK ON OR NEAR THE WORK COVERED BY THE SPONSOR'S CONTRACTS. THE SPONSOR SHALL CONDUCT ITS WORK SO AS NOT TO INTERFERE WITH OR HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY OTHER SPONSORS. ALL SPONSORS WORKING ON THE SITE SHALL COOPERATE WITH EACH

OTHER. THE SPONSOR SHALL ARRANGE ITS WORK AND SHALL PLACE AND DISPOSE OF THE MATERIALS BEING USED SO AS NOT TO INTERFERE WITH THE OPERATIONS OF OTHER SPONSORS OR MNAA. SECURITY AND SAFETY

SECURITY AND SAFETY PROCEDURES WHEN WORKING ON AIRFIELD AREAS ARE OUTLINED IN MNAA'S AIRPORT SAFETY PLAN. THE CONTRACTOR'S SUPERVISORY PERSONNEL MUST BE FAMILIAR WITH THIS DOCUMENT. THE FOLLOWING PARAGRAPHS GIVE A BRIEF DESCRIPTION OF BASIC SECURITY/SAFETY PROCEDURES THAT MUST BE OBSERVED. THIS IS CONSIDERED IN ADDITION TO THE PROVIDED SITE SPECIFIC SAFETY PLAN (SSSP), WHICH MUST BE SUBMITTED BY THE GC FOR ACCEPTANCE PRIOR TO WORK INITIATING.

B. CLEANLINESS ALL WORK IS TO BE ACCOMPLISHED WITH A CONSISTENT EFFORT TO ELIMINATE UNNECESSARY NOISE, DUST, DIRT, WATER, PAINT, CEMENT, SPRAYED MATERIALS, SMOKE, FUMES, GLARE, OBSTRUCTIONS, AND OTHER ANNOYANCES. THE CONTRACTOR MAY NOT UNREASONABLY ENCUMBER THE PREMISES WITH UNUSED MATERIALS, EQUIPMENT, OR SCAFFOLDS. THE TERMINAL BUILDINGS, INCLUDING CONCOURSES AND FLIGHT STATIONS, MUST BE KEPT FULLY OPERATIONAL AT ALL TIMES. WORK AREAS AND NEARBY PUBLIC SPACES MUST BE KEPT CLEAN AND FREE OF DEBRIS, DUST AND VAPORS THROUGH POSITIVE BARRIERS AND DAILY HOUSEKEEPING. ANY DEBRIS THAT CONSTITUTES A HAZARD TO THE OPERATION OF THE AIRPORT OR CREATES AN EYESORE MUST BE REMOVED. DO NOT TRACK DUST ONTO THE COMMON AREA FLOOR. THE CONTRACTOR MUST PROVIDE MEANS OF CLEANING DUST FROM EMPLOYEE'S SHOES. THE SPONSOR SHALL LEAVE ITS WORK AREAS OF THE SITE BROOM-CLEAN FOR EXTERIOR LOCATIONS AND SITE VACUUM-CLEAN THROUGHOUT THE DAY FOR INTERIOR SPACES AT THE END OF EVERY SHIFT. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING THE WORK AREA TO THE SATISFACTION OF MNAA. IF THE SPONSOR FAILS TO DO SO WITHIN 24 HOURS AFTER REQUEST BY MNAA TO THE SPONSOR, MNAA MAY TAKE SUCH ACTION AS IT DEEMS NECESSARY, AND THE REASONABLE AND CUSTOMARY COST OF MNAA'S

THE SPONSOR SHALL TAKE CARE TO AVOID THE SPREAD OTHER SUBSTANCES ON OR ABOUT THE SITE OR ONTO ADJACENT PROPERTY AND SHALL CLEAN SPLATTERS OR SPILLS OF MATERIALS AT THE TIME OF OCCURRENCE, CLEANING MATERIALS MUST NOT HARM THE FINISHED SURFACE BEING CLEANED. THE SPONSOR IS REQUIRED TO TAKE REASONABLE STEPS TO CONTROL DUST CAUSED BY ITS CONSTRUCTION OPERATIONS. IT'S RECOMMENDED THAT SPONSORS CREATE A CONSTRUCTION INDOOR AIR QUALITY MANAGEMENT PLAN TO PROMOTE THE WELLBEING OF WORKERS AND BUILDING OCCUPANTS. IF THE SPONSOR DOES NOT TAKE ADEQUATE STEPS TO CONTROL DUST CAUSED BY ITS CONSTRUCTION OPERATIONS AND THE MECHANICAL SYSTEM IS DAMAGED, OR IT IS NECESSARY TO REPLACE FILTERS EARLY, THE COST FOR REPAIRS OR REPLACEMENT FILTERS WILL BE CHARGED TO THE SPONSOR. MONITOR WHERE WORK IS IN PROGRESS TO ENSURE FULL COMPLIANCE WITH ALL CLEANLINESS

THE SPONSOR SHALL INFORM ALL TRADES AND WORKERS OF CLEAN-UP REQUIREMENTS SPECIFIED AND REQUIREMENTS IN THESE STANDARDS. THE SPONSOR SHALL NOT DISPOSE OF ANY RUBBISH OR WASTE MATERIALS IN FILLS OR BACKFILLS.

DISPOSAL OF WASTES SUCH AS PAINT, THINNER AND MORTAR MIX INTO DRAINS IS PROHIBITED AT ALL TIMES. ALL DISPOSAL ACTIVITY SHALL CONFORM TO FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES, REGULATIONS AND PERTAINING ORDERS. SPONSORS SHALL ATTEND AIRPORT SPILL PREVENTION TRAINING. THE SPONSOR SHALL PROVIDE ADEQUATE STORAGE FOR ALL ITEMS AWAITING REMOVAL FROM THE SITE AND SHALL OBSERVE ALL REQUIREMENTS FOR FIRE PREVENTION AND PROTECTION OF THE ENVIRONMENT. THE SPONSOR SHALL TO PROVIDE TEMPORARY ACCESS KEYS TO DPS AT THE START OF THE WORK FOR EMERGENCY ACCESS NEEDS ONLY. UPON PROJECT COMPLETION, THE SPONSOR SHALL PROVIDE A COPY OF THE KEY TO MNAA DEPARTMENT OF PUBLIC SAFETY (DPS) ACCESS TO THE SPACE FOR EMERGENCY USE ONLY.

THE CONTRACTOR MUST MAINTAIN A POSITIVE BARRIER BETWEEN THE WORK AREA AND PUBLIC AREAS. EXTERIOR BARRICADES MUST BE CONSTRUCTED WITH A MINIMUM OF PLYWOOD SHEATHING ON RIGID STUD PARTITIONS. INTERIOR BARRICADES MUST BE CONSTRUCTED WITH A MINIMUM OF 5/8" GYPSUM WALL BOARD ON RIGID STUD PARTITIONS WITH THE PUBLIC SIDE PAINTED AND MAINTAINED THROUGHOUT THE DURATION OF THE WORK, UNLESS OTHERWISE APPROVED FOR USING PREFABRICATED BARRIER SYSTEMS. IN AREAS OF GREATER PUBLIC EXPOSURE, MNAA MAY REQUIRE HIGHER LEVELS OF FINISH FOR SUCH BARRIERS AND BARRICADES. THE WORK AREA MUST BE SECURED FROM ACCESS BY UNAUTHORIZED PERSONS AND MUST NOT CONSTITUTE A HAZARD TO THE PUBLIC. ALL DUST WALLS ARE TO BE PAINTED PORTER PAINT HI-HIDE, TERMINAL WHITE, 385, EGG SHELL OR APPROVED EQUAL. THE SPONSOR IS RESPONSIBLE FOR ALL INJURY TO PERSONS AND DAMAGE TO PROPERTY RESULTING FROM HIS CONTRACTOR'S FAILURE TO PROPERLY MAINTAIN BARRICADES AND LIGHTING. D. PERIMETER FENCING

E. RESTRICTED AREAS WHEN THE SPONSOR'S CONTRACTOR'S WORK AREAS ARE LOCATED WITHIN DESIGNATED AIRPORT RESTRICTED AREAS, CONTRACTOR'S PERSONNEL WILL BE LIMITED TO SPECIFIC WORK AREAS, STORAGE AREAS, OR OTHER AREAS DESIGNATED BY MNAA.

F. IDENTIFICATION WHEN THE SPONSOR'S CONTRACTOR'S WORK AREAS ARE LOCATED WITHIN DESIGNATED AIRPORT RESTRICTED AREAS, INCLUDING THE AOA, ALL CONTRACTORS' PERSONNEL MUST BE PROVIDED WITH, AND CARRY ON THEIR PERSON, IDENTIFICATION WHICH POSITIVELY ASSOCIATES THEM WITH THE CONTRACTOR'S FIRM. BADGING FORMS AND PROCEDURES ARE AVAILABLE FROM THE MNAA DEPARTMENT OF PUBLIC SAFETY (DPS). CONSTRUCTION STAFF WHO WILL BE OPERATION AND PERFORMING WORK WITHIN THE STERILE, SIDA OR SECURE AREAS OF THE AIRPORT PROPERTY MUST BE BADGED FOR SECURITY REASONS AND ARE SUBJECT TO REVIEWS AT ALL TIMES.

MNAA RESERVES THE RIGHT TO ENTER TENANT'S LEASED PREMISES IN ACCORDANCE WITH THE TENANT'S LEASE AGREEMENT/CONTRACT FOR THE PURPOSE OF FIRE PROTECTION, EMERGENCY, AND ROUTINE SECURITY, SAFETY, AND HEALTH INSPECTIONS.

H. CONFINED SPACE ENTRY REGULATIONS THE CONTRACTOR SHALL COMPLY WITH APPLICABLE PORTIONS OF FEDERAL REGULATION 29 CFR S 1910.146 AND ANY STATE REGULATIONS REGARDING EMPLOYEE ENTRANCE INTO CONFINED SPACES ON THIS PROJECT.

I. MATERIAL DELIVERY

THE SPONSOR IS RESPONSIBLE FOR UNLOADING AND TRANSPORTING ITS OWN MATERIALS AND SHALL PROVIDE FLAGGING PERSONNEL AS NECESSARY FOR DELIVERIES. SPONSORS SHALL COORDINATE AND OBTAIN APPROVAL FOR EQUIPMENT MOBILIZATION AND DEMOBILIZATION AS WELL AS PLACEMENT ON THE SITE. NO MATERIAL SHALL BE DELIVERED TO, OR TRANSPORTED THROUGH, ANY PUBLIC AREA WITHOUT THE EXPRESS APPROVAL OF MNAA. THE SPONSOR SHALL PROVIDE TO MNAA A DESCRIPTION (MAKE AND MODEL), MAXIMUM LOADS AND MAXIMUM FLOOR LOAD FOR ALL EQUIPMENT TO MOBILIZE TO THE SITE. FLOOR LOADS WITHIN THE BUILDING ARE LIMITED.

THE PASSENGER ELEVATORS AND THE ESCALATORS SHALL NOT BE USED TO TRANSPORT EQUIPMENT, MATERIALS, OR TOOLS. ANY MATERIAL TRANSPORTED THROUGH PUBLIC AREAS OR STAIRWAYS, ETC., SHALL BE MOVED ON PNEUMATIC RUBBER TIRE TRUCKS USING ADEQUATE HARDBOARD SHEETS, PROTECTIVE CLOTHS, ETC., TO SAFEGUARD EXISTING FLOORS. NO CONCRETE, PLASTER, TERRAZZO, DEBRIS, OR OTHER BULK MATERIALS MAY BE TRANSPORTED THROUGH LOBBIES OR CONCOURSES IN USE BY PASSENGERS EXCEPT BY WRITTEN PERMISSION OF MNAA. ANY DAMAGE RESULTING FROM MOVEMENT OF MATERIALS, ETC., SHALL BE REPAIRED BY CONTRACTOR RESPONSIBLE.

CRANES AND OTHER CONSTRUCTION EQUIPMENT WITH AN OVERALL HEIGHT IN EXCESS OF 25 FEET MUST BE LOWERED DURING HOURS OF DARKNESS OR BE EQUIPPED WITH OBSTRUCTION LIGHTING IN ACCORDANCE WITH CURRENT FAA REGULATIONS OR AS REQUIRED BY MNAA. ADDITIONALLY, ALL CRANES, NEW BUILDING ANTENNAS, SITE LIGHT POLES, ETC.. MUST HAVE 7460'S FORMS FILED WITH MNAA AIRSPACE AND APPROVED BY THE FAA PRIOR

NO UNATTENDED EQUIPMENT, MATERIAL, OR TOOLS WILL BE PERMITTED IN THE COMMON AREAS OF THE AIRPORT. CONSTRUCTION MATERIALS MAY NOT BE STORED IN AREAS ACCESSIBLE TO THE GENERAL PUBLIC.

IN THE TERMINAL BUILDINGS, ALL EQUIPMENT, MATERIAL, TOOLS, OR MERCHANDISE MUST BE BROUGHT THROUGH THE NEAREST SERVICE ENTRANCE. CONSTRUCTION TRAFFIC IS NOT PERMITTED IN THE COMMON AREAS ETC., TO SAFEGUARD EXISTING FLOORS. ALL LIFTS AND WHEELED EQUIPMENT SHALL HAVE WHITE PNEUMATIC WHEELS TO AVOID DAMAGE TO FINISH FLOORS. THE SPONSOR MUST PROVIDE FLOOR SLAB PROTECTION FROM EQUIPMENT OIL/HYDRAULIC FLUIDS. ANY DAMAGE RESULTING FROM MOVEMENT OF MATERIALS, ETC., SHALL BE REPAIRED BY THE CONTRACTOR RESPONSIBLE

CONFINE STORAGE OF EQUIPMENT OR MATERIAL TO THE DEMISED PREMISES OR OTHER LOCATIONS SPECIFICALLY DESIGNATED BY MNAA. STORED MATERIALS SHALL NOT EXCEED THE LOADING CAPACITY OF THE FLOOR. IN THE TERMINAL BUILDINGS, STORAGE IN SERVICE CORRIDORS, TRUCK DOCKS, VACANT LEASE SPACES, OR OTHER AREAS IS NOT PERMITTED AT ANY TIME. THE SPONSOR SHALL NOT STORE COMBUSTIBLES (E.G., CARD BOARD PACKAGING, WOOD CRATING), EXCEPT FOR WORK IN PROGRESS DURING A WORK SHIFT. ALL COMBUSTIBLES SHALL BE DISPOSED OF IN DUMPSTERS OR OFF-SITE AT THE END OF EACH WORK SHIFT. FAILURE TO COMPLY WILL RESULT IN REMOVAL OF ALL MATERIALS WITH THE SPONSOR BEARING RESPONSIBILITY FOR THE COSTS INCURRED. K. FIRE PROTECTION

PRIOR TO THE INITIAL DELIVERY AND STORAGE OF ANY COMBUSTIBLE MATERIALS AT THE WORK SITE, THE CONTRACTOR MUST SUPPLY AND MAINTAIN APPROPRIATE MEANS OF FIRE PROTECTION. THE PROTECTION IS TO BE MAINTAINED AS LONG AS THERE ARE COMBUSTIBLE MATERIALS AT THE SITE. THE STORAGE OF COMBUSTIBLE MATERIALS AND THE MEANS OF FIRE PROTECTION SHALL BE IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS AND CONFORM TO REQUIREMENTS OF APPLICABLE INSURANCE POLICIES. PERMITS FROM MNAA DEPARTMENT OF PUBLIC SAFETY (DPS) ARE REQUIRED FOR ALL CUTTING AND WELDING OPERATIONS. CONTACT MNAA DPS FOR ADDITIONAL PERMIT INFORMATION.

L. HAZARDOUS BUILDING MATERIALS CERTAIN BUILDING MATERIALS USED IN EXISTING FACILITIES MAY CONTAIN HAZARDOUS COMPONENTS, SUCH AS ASBESTOS, OR LEAD. THE SPONSOR IS TO EVALUATE THE POTENTIAL OF EXPOSURE DURING A RENOVATION/DEMOLITION PROJECT AND SUBMIT TO MNAA A REMEDIATION PLAN THAT IS CONSISTENT WITH APPLICABLE GUIDELINES AND REGULATIONS.

IF, DURING THE COURSE OF CONSTRUCTION, THE SPONSOR'S CONTRACTOR ENCOUNTERS A SUSPECTED HAZARDOUS MATERIAL, THE CONTRACTOR IS TO STOP WORK IMMEDIATELY, SECURE THE AREA TO PREVENT EXPOSURE OF PERSONNEL, AND CONTACT MNAA AIRPORT COMMUNICATIONS CENTER (ACC) AND MNAA DEVELOPMENT & ENGINEERING (D&E) IMMEDIATELY WITH A CONTAINMENT AND REMEDIATION PLAN. M. STAGING

LIMITED LAY-DOWN AREA IS AVAILABLE. THE SPONSOR IS ENCOURAGED TO SCHEDULE JUST-IN-TIME DELIVERIES. MNAA MAY RECLAIM OR RECONFIGURE THE SPONSOR'S LAY-DOWN AREA AT THE AIRPORT'S SOLE DISCRETION AT ANY TIME.

LAY-DOWN AREAS MUST BE KEPT CLEAN AT ALL TIMES TO THE SATISFACTION OF MNAA. DAILY AND END OF SHIFT CLEANING IS REQUIRED. THE SPONSOR SHALL PROTECT FLOOR SLAB SEALANT MATERIAL FROM ANY DAMAGE. THE SPONSOR MAY PLACE ITS MATERIALS IN ITS ASSIGNED LAY-DOWN AREA. THE SPONSOR IS RESPONSIBLE FOR CONFIRMING THAT ITS MATERIALS SO STORED DO NOT EXCEED THE LOAD LIMITS. THE SPONSOR SHALL PROTECT ALL EXPANSION JOINTS FROM CONSTRUCTION LOADS. N. SITE ACCESS

ACCESS AND ACCESS ROADS

REQUIREMENTS FOR HAUL ROADS, PARKING, MATERIALS STORAGE, ETC. SHOULD BE NOTED IN THE ORIGINAL SUBMITTAL FOR APPROVAL. MNAA WILL DESIGNATE SUCH AREAS UPON FINAL AUTHORIZATION OF THE PROJECT. THE SPONSOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO PAVEMENTS, UNDERGROUND UTILITIES, OR OTHER IMPROVEMENTS CAUSED BY THE SPONSOR'S CONTRACTOR.

IF THE CONTRACTOR REQUIRES ACCESS TO THE AIRPORT THROUGH A GATE NORMALLY CLOSED TO THE PUBLIC, SECURITY MUST BE PROVIDED AS DIRECTED BY MNAA. ANY ACCESS ROADS NEEDED FOR THE WORK MUST BE INCLUDED IN THE ORIGINAL SUBMITTAL FOR APPROVAL AND MUST BE REMOVED AND THE SITE

RESTORED UPON COMPLETION OF THE WORK. LOCATION AND GRADE OF SUCH ROADS ARE SUBJECT TO MNAA APPROVAL. SUITABLE DRAINAGE AS DIRECTED BY MNAA MUST BE PROVIDED. HAULING ON AIRPORT PAVEMENT, BRIDGES, AND ROADS IS SUBJECT TO LOAD LIMITS ESTABLISHED BY MNAA. O. VEHICLES MARKINGS

SPONSOR'S CONTRACTOR'S VEHICLES WITHIN THE AOA MUST DISPLAY SIGNS OF COMPANY IDENTIFICATION ON BOTH SIDES OF THE VEHICLE WHICH IDENTIFY THE VEHICLE AS BELONGING TO THE CONTRACTOR. FIRM OR CONTRACTOR'S NAME MUST APPEAR IN LETTERS A MINIMUM OF TWO INCHES HIGH IN CONTRASTING COLOR TO SIGN BACKGROUND OR VEHICLE. VEHICLE OPERATION IN AOA

CONTRACTOR'S VEHICLE OPERATING WITHIN THE AOA MUST FOLLOW SAFETY PROCEDURES OUTLINED. PARKING IDENTIFICATION

THE CONTRACTOR WILL CONTACT MNAA OPERATIONS TO REGISTER VEHICLES TO BE USED IN SECURE AREAS AND/OR TO OBTAIN PARKING PASSES.

THESE PASSES ARE TO BE RETURNED AT THE END OF THE PROJECT. CONSTRUCTION STAFF WHO WILL BE OPERATION AND PERFORMING WORK WITHIN THE STERILE, SIDA OR SECURE AREAS OF THE AIRPORT PROPERTY MUST BE BADGED FOR SECURITY REASONS AND ARE ALWAYS SUBJECT TO REVIEW.

DEMOLITION AND REMOVAL CONTRACTORS SHALL DEMOLISH ONLY THOSE ITEMS SPECIFICALLY SHOWN ON THE CONSTRUCTION DOCUMENTS. DEMOLITION IS TO PROCEED ONLY WITH WRITTEN MNAA APPROVAL.

A. FLAGMEN DURING CONSTRUCTION THE CONTRACTOR MUST FURNISH FLAGMEN DURING ALL TIMES THAT MNAA PERMITS THE USE OF PUBLIC ROADS, APRONS, TAXIWAYS, OR RUNWAY APPROACHES WHERE THE CONTRACTOR'S EQUIPMENT MAY BE TRAVELING OR WORKING. FLAGMEN ARE TO USE THE STANDARD STOP-SLOW SIGN OR A

RED FLAG NOT LESS THAN 2 FEET SOUARE IN ACCORDANCE WITH FAA 150/15370-2E. B. BARRICADES, FLAGS, AND OBSTRUCTION LIGHTING

THE CONTRACTOR IS REQUIRED TO BARRICADE ALL CONSTRUCTION AREAS AND ACTIVITIES THAT PRESENT A POTENTIAL DANGER TO AIRCRAFT, VEHICULAR, AND/OR PEDESTRIAN TRAFFIC. ALL WORK IS TO BE COORDINATED WITH MNAA. TWO-WAY RADIO CONTACT MAY BE REQUIRED BY MNAA. BARRICADES, APPROVED BY MNAA, SHALL BE PROVIDED IN SUFFICIENT NUMBERS AND POSITIONED IN SUCH A MANNER AS TO CLEARLY DEFINE THE POTENTIAL HAZARD. DURING HOURS OF DARKNESS OR PERIODS OF REDUCED VISIBILITY, ALL BARRICADES ARE TO BE LIGHTED WITH BATTERY-POWERED FLASHING RED LIGHTS AT A MINIMUM. ORANGE AND WHITE CHECKERED FLAGS ARE AN ACCEPTABLE SUBSTITUTE FOR THE FLASHING LIGHT BARRICADES FOR DAYTIME OPERATIONS. MNAA SHALL DIRECT THE PLACEMENT OF BARRICADES.

THE CONTRACTOR MUST ENSURE THAT ALL BARRICADE AND OBSTRUCTION LIGHTING IS ON AND OPERATING BETWEEN SUNSET AND SUNRISE OR DURING PERIODS OF FOG OR REDUCED VISIBILITY. SPECIFIC PERSONNEL MUST BE DESIGNATED TO REPLACE OR RELIGHT BARRICADE AND OBSTRUCTION LIGHTS AND MUST BE AVAILABLE 24 HOURS PER DAY FOR THE DURATION OF THE PROJECT. NAMES AND PHONE NUMBERS OF RESPONSIBLE PARTIES ARE TO BE PROVIDED TO MNAA IN ORDER THAT THEY MAY BE SUMMONED IF NECESSARY.

ALL EXISTING WORK MUST BE ADEQUATELY PROTECTED AGAINST DAMAGE DURING ACCOMPLISHMENT OF THE CONTRACTOR'S WORK.

D. PROTECTION OF UTILITIES ANY UTILITIES ENCOUNTERED DURING DEMOLITION ARE TO BE PROPERLY PROTECTED, RELOCATED, OR REMOVED AS INSTRUCTED BY MNAA. WHEN ANY UTILITIES ARE ENCOUNTERED THAT WERE NOT INDICATED PRIOR TO THE WORK, NOTIFY MNAA AND THE AGENCIES HAVING JURISDICTION IMMEDIATELY. NO DEMOLITION WORK WILL BE PERMITTED TO DISRUPT ANY EXISTING UTILITIES, INCLUDING TELEPHONE AND ELECTRICAL CABLES, CONDUIT, AND AIRFIELD LIGHTING. SUCH WORK MUST BE DELAYED UNTIL THE UTILITIES HAVE BEEN REROUTED.

THE ORIGINAL CONDITION OF THE GROUND MUST BE RESTORED IMMEDIATELY FOLLOWING THE INSTALLATION OF ANY UTILITY, INCLUDING RESTORATION OF PAVEMENT AND LANDSCAPING.

E. DAMAGE TO AIRPORT THE SPONSOR MUST REPAIR, AT HIS OWN EXPENSE AND TO THE SATISFACTION OF MNAA, ANY DAMAGE HIS OPERATIONS OR CONTRACTORS, INCLUDING SUBCONTRACTORS, CAUSE TO EXISTING AIRPORT PAVEMENT, ROADS, BRIDGES, DRAINAGE, PIPELINES, DUCT LINES, LIGHTING SYSTEMS, OR OTHER AIRPORT IMPROVEMENTS. WHEN ESSENTIAL UTILITIES ARE DAMAGED, OR SERVICE INTERRUPTED, REPAIRS SHALL BE MADE IMMEDIATELY. F. WELDING AND CUTTING

CONTRACTORS SHOULD TAKE THE NECESSARY PRECAUTIONS IN PREPARATION FOR HOT WORK SUCH AS WELDING AND CUTTING. THESE PRECAUTIONS SHOULD BE IN ACCORDANCE WITH NFPA 51B, STANDARD PREVENTION DURING WELDING, CUTTING AND OTHER HOT WORK. ALL WELDING OR CUTTING SHALL BE REPORTED TO THE MNAA DEPARTMENT OF PUBLIC SAFETY (DPS) PRIOR TO THE START OF THE JOB, AND UPON COMPLETION OF THE PROJECT ON A DAILY BASIS. A FIRE WATCH SHALL BE PROVIDED BY THE CONTRACTOR, SUITABLE FIRE EXTINGUISHERS SHALL BE ON HAND WITHIN 20' OF THE WORK BEING PERFORMED AND ACCESSIBLE AT ALL TIMES. WELDING OR CUTTING SHALL CEASE 30 MINUTES BEFORE CLOSING THE JOB SITE FOR THE DAY AND INSPECTED PRIOR TO THE EMPLOYEES LEAVING THE SITE FOR THE DAY.

PRIOR TO MAKING ANY ROOF AND/OR FLOOR PENETRATIONS IN THE TERMINAL BUILDINGS, THE SPONSOR MUST OBTAIN APPROVAL OF THE PROPOSED LOCATIONS FROM MNAA. ALL CUTTING, PATCHING AND CORE-DRILLING WILL REQUIRE WRITTEN APPROVAL BY MNAA BEFORE INITIATING WORK. X-RAY OR GPR FLOORS PRIOR TO CORING. THE SPONSOR IS RESPONSIBLE FOR LOCATING ANY CONCEALED REINFORCEMENT OR UTILITIES PRIOR TO CUTTING AND FOR REPAIRING ANY DAMAGE TO REINFORCING STEEL, CONDUIT, WIRING, PIPING, ETC., RESULTING FROM THIS OPERATION. WEATHERPROOFING OF ALL ROOF PENETRATIONS MUST BE PERFORMED BY THE MNAA'S AUTHORIZED ROOFING CONTRACTOR AT THE SPONSOR'S EXPENSE. FLOOR PENETRATIONS IN UPPER LEVEL SPACES WITH CONCRETE MUST BE CORE-DRILLED. ALL PENETRATIONS MUST BE SLEEVED AND SEALED WITH ONE PIPE PERMITTED PER SLEEVE. PENETRATIONS SHALL BE SEALED WITH FIRE SEALANT AS PER LOCAL FIRE CODE REQUIREMENTS. ALL UPPER LEVEL FLOOR PENETRATIONS SHALL BE COMPLETELY SEALED TO PREVENT PERMEATION OF ODORS OR LIQUIDS TO THE SPACE BELOW.

AIRPORT INTERIOR **TENANT RETAIL FIT-OUT**

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

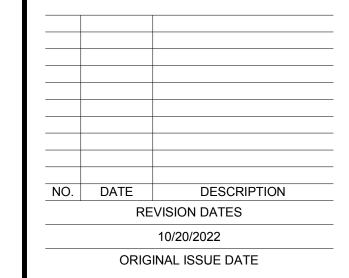
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CONSTRUCTION **DRAWINGS**



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PROJECT NO.: 22277 DRAWN BY: MJS

RESPONSIBILITY **MATRIX & AIRPORT** CONSTRUCTION **STANDARDS**

PROJECT DESCRIPTION/ CLASSIFICATION OF WORK

INTERIOR TENANT FITOUT FOR RETAIL STORE IN EXISTING DEMISED SPACE CD.04 OF NASHVILLE INTERNATIONAL AIRPORT (BNA). IEBC RENOVATION LEVEL 2. PROJECT CONSISTS OF NEW CONSTRUCTION OF NON-LOAD BEARING INTERIOR PARTITIONS, NEW RETAIL FIXTURES, NEW FINISHES, NEW LIGHTING, FIRE PROTECTION, AND ASSOCIATED MEP ITEMS

APPLICABLE CODES

 BUILDING: 2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL EXISTING BUILDING CODE MECHANICAL:

2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE PLUMBING: • ELECTRICAL: 2017 NATIONAL ELECTRIC CODE (NFPA 70 - 2014) FIRE SAFETY: 2018 INTERNATIONAL FIRE PREVENTION CODE

ENERGY CODE: 2018 INTERNATIONAL ENERGY CONSERVATION CODE

 ACCESSIBILITY: ANSI A117.1-2017 ACCESSIBILITY GUIDELINES CH. 11 - 2021 IBC

GENERAL BUILDING DATA:

CONSTRUCTION TYPE: IIB (NON-COMBUSTIBLE, PROTECTED, FULLY SPRINKLERED) BUILDING OCCUPANCY TYPE: B - BUSINESS

PROJECT OCCUPANCY TYPE: MERCANTILE GROUP M

PURSUED PROJECT CODE PATHWAY: 2018 IEBC - WORK AREA COMPLIANCE (301.1.2)

O	OCCUPANT LOAD PER IBC 2018 TABLE 1004.5								
NAME	AREA FUNCTION	AREA	SF PER OCCUPANT	SF TYPE	OCCUPANT LOAD				
SHOE SHINE STORE	Mercantile - Sales Areas	165 SF	60	gross	3				
		165 SF			3				

CHAPTER 3 -- PROVISIONS FOR ALL COMPLIANCE METHODS

SECTION 301 ADMINISTRATION

301.1 GENERAL 301.1.2 WORK AREA COMPLIANCE - PER CHAPTERS 5 THROUGH 13 OF IEBC

SECTION 302 GENERAL PROVISIONS

302.4 EXISTING BUILDING MATERIALS - PERMITTED TO REMAIN IN USE, UNLESS DETERMINED TO BE UNSAFE 302.5 NEW AND REPLACEMENT MATERIALS - SIMILAR MATERIALS SHALL BE PERMITTED FOR USE IN REPAIRS, PROVIDED THAT NO DANGEROUS OR UNSAFE CONDITION IS CREATED.

CHAPTER 4 -- REPAIRS

302.6 OCCUPANCY AND USE - PER CHAPTER 3 OF THE IBC

SECTION 401 GENERAL

401.1 SCOPE - REPAIRS SHALL COMPLY WITH REQUIREMENTS OF THIS CHAPTER. REPAIRS TO HISTORIC BUILDINGS NEED

ONLY COMPLY WITH CHAPTER 12. 401.2 COMPLIANCE - WORK SHALL NOT MAKE THE BUILDING LESS COMPLYING THAT BEFORE THE REPAIR WAS UNDERTAKEN.

SECTION 402 BUILDING ELEMENTS AND MATERIALS

402.1 GLAZING IN HAZARDOUS LOCATIONS - PER SAFETY GLAZING REQUIREMENTS OF THE IBC

SECTION 403 FIRE PROTECTION

SECTION 404 MEANS OF EGRESS

SECTION 405 STRUCTURAL

SECTION 407 MECHANICAL

SECTION 406 ELECTRICAL

SECTION 408 PLUMBING

CHAPTER 6 -- CLASSIFICATION OF WORK

SECTION 601 GENERAL

601.1 SCOPE 501.1.1 COMPLIANCE WITH ALTERNATIVES

601.2 WORK AREA -- SHALL BE IDENTIFIED ON THE CONSTRUCTION DOCUMENTS

602.1 SCOPE - REMOVAL, REPLACEMENT, AND/ OR COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE. 602.2 APPLICATION - COMPLY WITH CHAPTER 7 OF THE IEBC.

SECTION 603 ALTERATION - LEVEL 2

603.1 SCOPE - RECONFIGURATION OF SPACE, ADDITION/ ELIMINATION OF ANY DOOR/ WINDOW, RECONFIGURATION OF ANY SYSTEM, OR INSTALLATION OF NEW ADDITIONAL EQUIPMENT.

603.2 APPLICATION - COMPLY WITH CHAPTER 7 FOR LEVEL 1 ALTERATIONS AS WELL AS CHAPTER 8 OF THE IEBC.

SECTION 605 CHANGE OF OCCUPANCY

605.1 SCOPE - WHERE ACTIVITY IS CLASSIFIED AS A CHANGE OF OCCUPANCY AS DEFINED IN CHAPTER 2 OF IEBC. 605.2 APPLICATION - COMPLY WITH CHAPTER 10 OF THE IEBC.

CHAPTER 7 -- ALTERATIONS - LEVEL 1

SECTION 701 GENERAL

701.1 SCOPE - ALTERATIONS SHALL COMPLY WITH REQUIREMENTS OF THIS CHAPTER. ALTERATIONS TO HISTORIC

BUILDINGS EXCEPT AS MODIFIED BY CHAPTER 12. 701.2 CONFORMANCE - EXISTING BUILDINGS SHALL NOT BE MADE LESS SAFE THAN THE EXISTING CONDITION.

SECTION 702 BUILDING ELEMENTS AND MATERIALS

702.1 INTERIOR FINISHES - PER CHAPTER 8 OF THE IBC 702.2 INTERIOR FLOOR FINISHES - PER SECTION 804 OF THE IBC

702.3 INTERIOR TRIM - PER SECTION 806 OF THE IBC 702.6 MATERIALS AND METHODS - SHALL COMPLY WITH MATERIALS AND METHODS REQUIREMENTS IN THE IBC, IEC, IMC AND IPC THAT SPECIFY MATERIAL STANDARDS, INSTALLATION AND CONNECTIONS, JOINTS, PENETRATIONS, AND CONTINUITY

BUILDING ELEMENTS, COMPORNENTS, OR SYSTEMS. **SECTION 703 FIRE PROTECTION**

703.1 GENERAL: ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.

704.1 GENERAL: ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.

SECTION 705 REROOFING

SECTION 706 STRUCTURAL

SECTION 707 ENERGY CONSERVATION

708.1 MINIMUM REQUIREMENTS: LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

CHAPTER 8 -- ALTERATIONS - LEVEL 2

SECTION 801 GENERAL

801.1 SCOPE - LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 603 SHALL COMPLY WITH REQUIREMENTS OF THIS

801.2 ALTERATION LEVEL 1 COMPLIANCE - ALL WORK SHALL ALSO COMPLY WITH CHAPTER 7.

801.3 COMPLIANCE - NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH IBC.

SECTION 802 BUILDING ELEMENTS AND MATERIALS

802.1 SCOPE - LIMITED TO AREAS WHERE LEVEL 2 ALTERATIONS ARE BEING PERFORMED

802.3 SMOKE COMPARTMENTS - IN GROUP I-2 OCCUPANCIES WITH MORE THAN 30 PATIENTS, STORY SHALL BE DIVIDED INTO NOT LESS THAN TWO COMPARTMENTS BY SMOKE BARRIERS PER SECTION 407.5 OF THE IBC 802.4 INTERIOR FINISHES - PER THE REQUIREMENTS OF THE IBC

SECTION 804 FIRE PROTECTION

804.1 SCOPE - LIMITED TO AREAS WHERE LEVEL 2 ALTERATIONS ARE BEING PERFORMED

804.2 AUTOMATIC SPRINKLER SYSTEMS - PER SECTIONS 804.2.1 THROUGH 804.2.5, AND PER IBC. 804.2.1 HIGH-RISE BUILDINGS

IN HIGH-RISE BUILDINGS, WORK AREAS THAT HAVE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT OR THAT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN THE ENTIRE WORK AREA WHERE THE WORK AREA IS LOCATED ON A FLOOR THAT HAS A SUFFICIENT SPRINKLER WATER SUPPLY SYSTEM FROM AN EXISTING STANDPIPE OR A SPRINKLER RISER SERVING THAT

804.2.2 GROUPS A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 AND S-2

907.4, 907.5 AND 907.6 OF THE INTERNATIONAL BUILDING CODE.

802.2 VERTICAL OPENINGS - PER SECTION 802.2.1, 802.2.2, 802.2.3

IN BUILDINGS WITH OCCUPANCIES IN GROUPS A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 AND S-2, WORK AREAS THAT HAVE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT OR THAT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION WHERE ALL OF THE FOLLOWING CONDITIONS OCCUR:

1. THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AS APPLICABLE TO NEW CONSTRUCTION; AND

2. THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA. EXCEPTION: IF THE BUILDING DOES NOT HAVE SUFFICIENT MUNICIPAL WATER SUPPLY FOR DESIGN OF A FIRE SPRINKLER SYSTEM AVAILABLE TO THE FLOOR WITHOUT INSTALLATION OF A NEW FIRE PUMP, WORK AREAS SHALL BE PROTECTED BY AN AUTOMATIC SMOKE DETECTION SYSTEM THROUGHOUT ALL OCCUPIABLE SPACES OTHER THAN SLEEPING UNITS OR INDIVIDUAL DWELLING UNITS THAT ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH SECTIONS

804.3 STANDPIPES

WHERE THE WORK AREA INCLUDES EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT AND IS LOCATED MORE THAN 50 FEET (15 240 MM) ABOVE OR BELOW THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS, A STANDPIPE SYSTEM

804.4 FIRE ALARM AND DETECTION

SECTION 805 MEANS OF EGRESS

804.2.3 WINDOWLESS STORIES

SECTION 806 ACCESSIBILITY

806.1 GENERAL: A BUILDING, FACILITY, OR ELEMENT THAT IS ALTERED SHALL COMPLY WITH THIS SECTION AND SECTION 705. 806.2 STAIRWAYS AND ESCALATORS IN EXISTING BUILDINGS

IN ALTERATIONS WHERE AN ESCALATOR OR STAIRWAY IS ADDED WHERE NONE EXISTED PREVIOUSLY, AN ACCESSIBLE ROUTE SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 1104.4 AND 1104.5 OF THE INTERNATIONAL BUILDING CODE.

SECTION 807 ELECTRICAL

807.1 NEW INSTALLATIONS

NEWLY INSTALLED ELECTRICAL EQUIPMENT AND WIRING RELATING TO WORK DONE IN ANY WORK AREA SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70 EXCEPT AS PROVIDED FOR IN SECTION 807.3.

EXISTING WIRING IN ALL WORK AREA IN GROUP A-1, A-2, A-5, H AND I OCCUPANCIES SHALL BE UPGRADED TO MEET THE

MATERIALS AAND METHODS REQUIREMENTS OF CHAPTER 7.

SECTION 808 MECHANICAL

808.1 RECONFIGURED OR CONVERTED SPACES

RECONFIGURED SPACES INTENDED FOR OCCUPANCY AND SPACES CONVERTED TO HABITABLE OR OCCUPIAABLE SPACE IN ANY WORK AREA SHALL BE PROVIDED WITH NATURAL OR MECHANICAL VENTILATION IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE.

EXCEPTION: EXISTING MECHANICAL VENTILATION SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION

808.2 ALTERED EXISTING SYSTEMS

IN MECHANICALLY VENTILATED SPACES, EXISTING MECHANICAL VENTILATION SYSTEMS THAT ARE ALTERED, RECONFIGURED, OR EXTENDED SHALL PROVIDE NOT LESS THAAN 5 CUBIC FEET PER MINUTE (CFM) (0.0024 M ³/_S) PER PERSON OF OUTDOOR AIR AND NOT LESS THAN 15 CFM (0.0071 M³/_S) OF VENTILATION AIR PER PERSON; OR NOT LESS THAN THE AMOUNT OF VENTILATION AIR DETERMINED BY THE INDOOR AIR QUALITY PROCEDURE OF ASHRAE 62.1. 808.3 LOCAL EXHAUST

NEWLY INTRODUCED DEVICES, EQUIPMENT, OR OPERATIONS THAT PRODUCE AIRBORNE PARTICULATE MATTER, ODORS, FUMES, VAPOR, COMBUSTION PRODUCTS, GASEOUS CONTAMINANTS, PATHOGENIC AND ALLERGENIC ORGANISMS, AND MICROBIAL CONTAMINANTS IN SUCH QUANTITIES AS TO AFFECT ADVERSELY OR IMPAIRE HEALTH OR CAUSE DISCOMFORT TO OCCUPANTS SHALL BE PROVIDED WITH LOCAL EXHAUST.

AIRPORT INTERIOR **TENANT RETAIL** FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

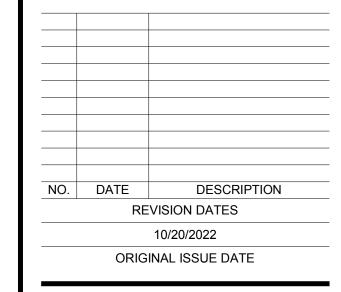
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CONSTRUCTION **DRAWINGS**



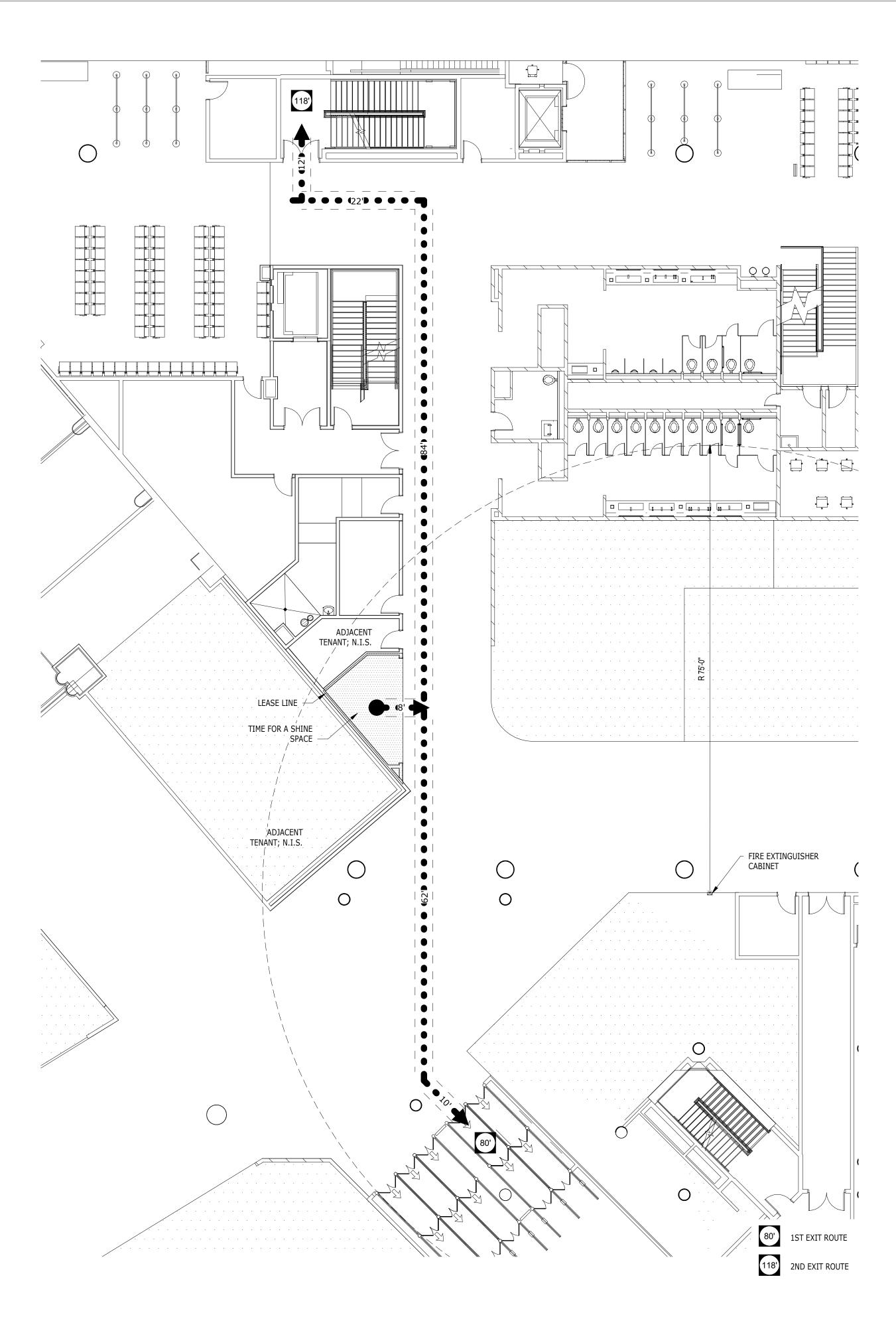
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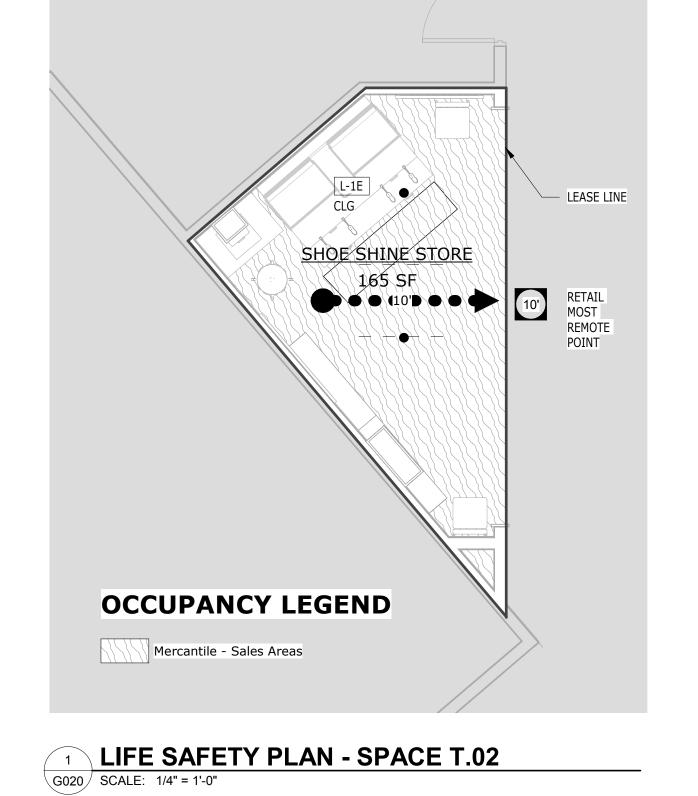




CODE SUMMARY -**EXISTING BUILDING -WORK AREA METHOD**

PROJECT NO.: 22277





OCCUPANT LOAD PER IBC 2018 TABLE 1004.5								
			SF PER					
NAME	AREA FUNCTION	AREA	OCCUPANT	SF TYPE	OCCUPANT LOAD			
SHOE SHINE STORE	Mercantile - Sales Areas	165 SF	60	gross				
		165 SF						



FIRE-RATED ASSEMBLIES:

60 DOOR RATING - MINUTES

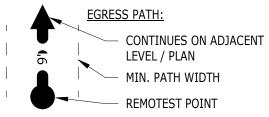
EGRESS INFORMATION:

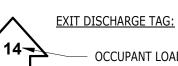


0' TRAVEL DISTANCE TAG (OVERALL DISTANCE in FEET)



COMMON PATH OF TRAVEL (OVERALL DISTANCE in FEET)

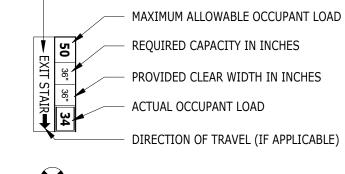


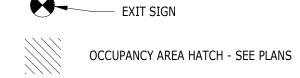


EGRESS COMPONENT TAG:

EGRESS COMPONENT TYPE

MAXIMUM ALLOWARIE OCCUPANT





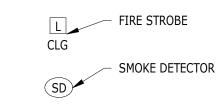
AREA NOT IN SCOPE / WORK AREA

FIRE EXTINGUISHERS

VERIFY LOCATIONS & QUANTITY W/ FIRE DEPT.; MAX. TRAVEL = 75 FT. SEE SCHEDULE FOR TOTAL QUANTITY REQUIRED PER FLOOR AREA PER NFPA 10.

FIRE EXTINGUISHER CABINET TAG

FIRE EXTINGUISHER CABINET

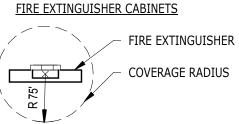


4 EMERGENCY LIGHT

SPRINKLER HEADS

FULLY CONCEALED SPRINKLER





AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

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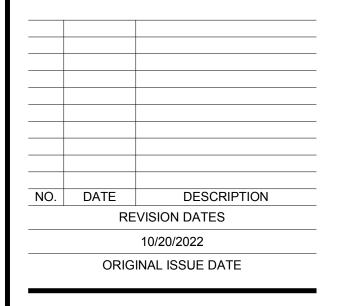
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CONSTRUCTION DRAWINGS



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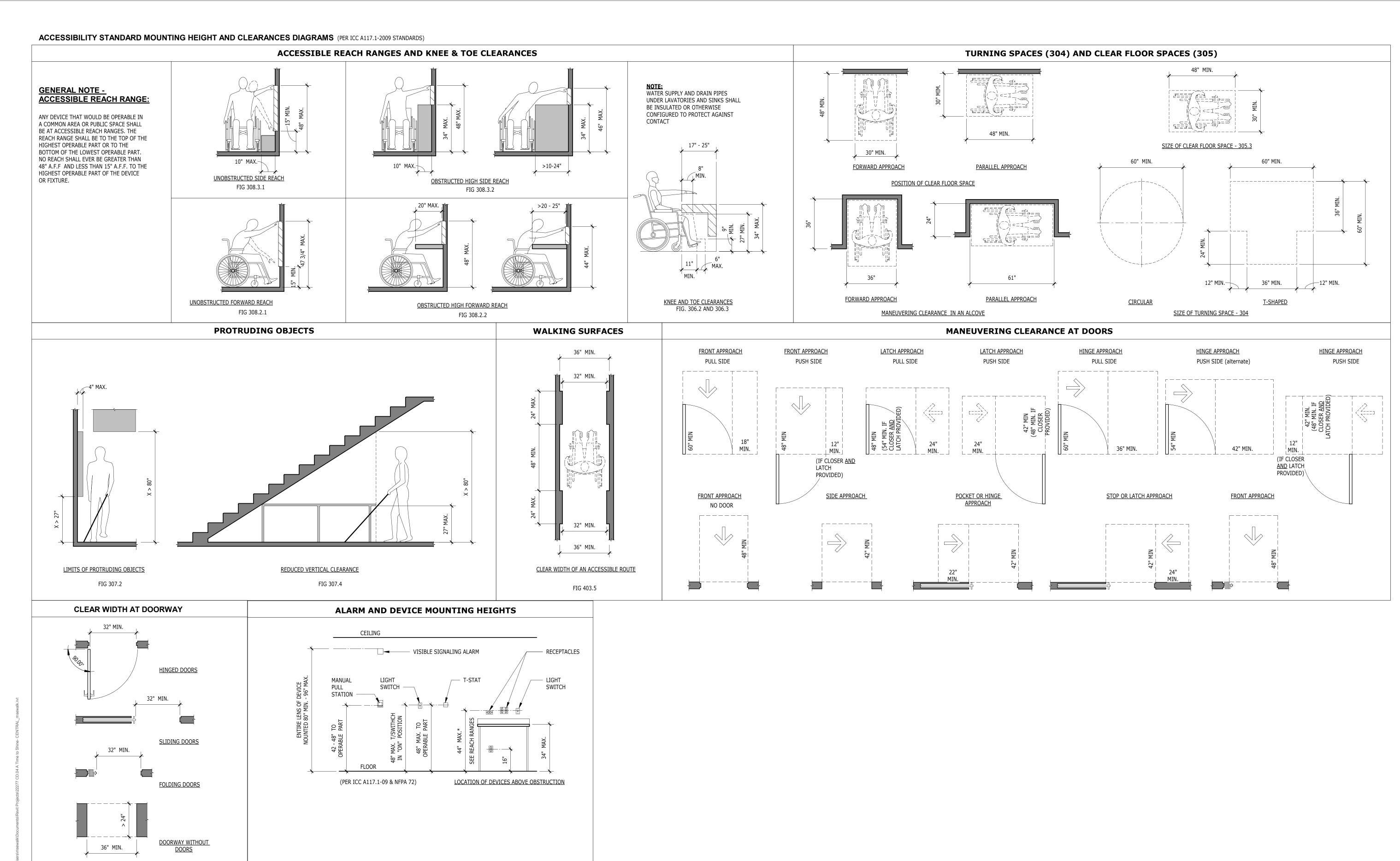
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DRAWN BY: MJS

LIFE SAFETY PLANS

G020

DRAWING LOCATION: C:\Users\msewalk\Documents\Revit Projects\22277 CD

2 T.02 EGRESS PLAN
G020 SCALE: 3/32" = 1'-0"



AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

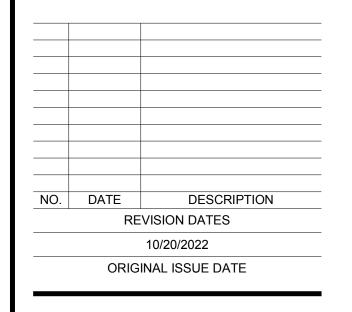
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PROJECT NO.: 22277
DRAWN BY: MJS

ACCESSIBILITY DETAILS

G041

BLDG BUILDING BM BEAM BTM BOTTOM ВО BOTTOM OF

> CENTER LINE CL CLG CEILING CLEAR CLR CMU CONCRETE MASONRY UNIT COL COLUMN

CONC CONCRETE CONST CONSTRUCTION CONT CONTINUOUS

DEPT DEPARTMENT DEPTH OR DEEP DET DETAIL DIM DIMENSION DR DOOR DOUBLE DBL

DRAWER DRW DWG DRAWING EXPANSION JOINT ELEV ELEVATION ELEC ELECTRICAL EMER. **EMERGENCY EQUAL**

EX OR EXTG. EXISTING EXISTING EXIST, EX'G EXP **EXPANSION** EXT EXTERIOR FINISH FLOOR

FINISHED

FIN

HGT

MAX

MDF

FLR FLOOR GALV GALVANIZED GAUGE, OR GAGE GENERAL CONTRACTOR GLASS

GYPSUM BOARD/ DRYWALL GYP. BD GWB GYPSUM BOARD/ DRYWALL НМ HOLLOW METAL

HEIGHT HVAC HEATING/ VENTILATION/ AIR CONDITIONING HORIZ HORIZONTAL

HEIGHT

INSUL INSULATION LENGTH OR LONG

LANDLORD MFG MANUFACTURER MASONRY MAS

MAXIMUM

MECH MECHANICAL METAL MINIMUM MISC **MISCELLANEOUS**

MOISTURE RESISTANT

MEDIUM DENSITY FIBERBOARD

MOUNTED MTG MOUNTING

N/A NOT APPLICABLE OC ON CENTER

OPPOSITE HAND OH OD OUTSIDE DIMENSION

PR PAIR PTD PAINTED QTY QUANTITY

REFERENCE REINFORCING ROUGH OPENING

SOUND ATTENUATING FIBER BATTS SFRM SPRAYED FIRE-RESISTIVE MATERIAL SHT SHEET SIM SIMILAR STD STANDARD STL STEEL

STRUCT. STRUCTURAL (AL) TEMP TEMPERED TH THICK TMF TO MATCH EXISTING

TOP OF TS TUBULAR STEEL TYP TYPICAL

UNO UNLESS NOTED OTHERWISE

VCT VINYL COMPOSITION TILE VERT VERTICAL

WIDTH OR WIDE WD WOOD W./ WITH

GENERAL NOTES - ARCHITECTURAL

1. THE GENERAL CONTRACTOR (G.C.) IS RESPONSIBLE FOR COMPLIANCE WITH ALL CODES, ORDINANCES, AND REGULATIONS APPLICABLE AT PROJECT LOCATION. CONTRACTOR IS RESPONSIBLE FOR FILING AND SECURING ALL NECESSARY PERMITS, APPROVALS, ETC. FOR ALL TRADES.

2. CONTRACTOR SHALL PROTECT ALL WALLS, DOORS, FRAMES, SURFACES, FIXTURES, ETC. SCHEDULED AS "EXISTING TO REMAIN" FROM DAMAGE DURING DEMOLITION. CONTRACTOR SHALL VERIFY IF THESE SURFACES ARE PLUMB, SQUARE, AND TRUE AND SHALL CORRECT AS REQUIRED.

3. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND JOB CONDITIONS AND SHALL REPORT TO BUILDING MANAGEMENT AND ARCHITECT REPRESENTATIVE ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH SATISFACTORY COMPLETION OF WORK. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION, AND INSTALLATION CRITERIA, COORDINATION OF ALL TRADES AND BUILDING MANAGEMENT SUPPLIED ITEMS, AND THE MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR HOISTING FACILITIES. PARKING, ETC. FOR THE HANDLING OF MATERIALS.

4. ALL WORK SHALL CONFORM WITH DRAWINGS AND SPECIFICATIONS. DRAWINGS ARE NOT TO BE SCALED FOR INFORMATION. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION.

CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS NECESSARY TO PROTECT EXISTING UTILITY LINES, DUCTWORK, FIXTURES, FINISHES, ETC. WHICH REMAIN AS PART OF THE FINAL SYSTEMS. CONTRACTOR SHALL CLEAN, REPAIR, RELAMP, ETC. THESE ITEMS AS REQUIRED FOR PROPER FUNCTIONING OF THE FINAL

6. CONTRACTOR TO OVERSEE CLEANING AND ENSURE THAT THE PREMISES ARE MAINTAINED FREE OF TRASH DURING CONSTRUCTION. FINAL CLEAN-UP IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIR, PATCH, TOUCH-UP, OR REPLACE MARRED SURFACES AND MAINTAIN CLEANING UNTIL OCCUPIED BY TENANT.

7. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LEVEL OF FLOOR FOR WINDOWS AND DOOR, AND DOOR FRAMES. TOPS OF WINDOWS AND DOOR FRAMES SHALL REMAIN LEVEL AT CONTROLLED ELEVATION.

8. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES FOR ALL DEMOLITION WORK, INCLUDING REMOVAL FROM THE BUILDING.

9. PATCHING: CONTRACTOR SHALL PATCH SMOOTH AND FLUSH SURFACES WHERE EXISTING PARTITIONS, DOORS, AND ETC., HAVE BEEN REMOVED FROM WALLS AND FLOORS. SURFACES SHALL BE READY TO RECEIVE FINAL FINISHES.

10. ALL JOINTS AT DRYWALL PARTITIONS ARE TO BE TAPED AND FINISHED SMOOTH.

11. AT THE TERMINATION OF THE WORK, SUBMIT TO CLIENT/OWNER, MANUALS PRESENTING FULL DETAILS FOR CARE AND MAINTENANCE OF SURFACES AND EQUIPMENT OF EVERY NATURE. CONTENTS SHALL INCLUDE MANUFACTURERS' AND INSTALLERS' NAMES, ADDRESS AND PHONE NUMBERS, AND INSTRUCTIONS FOR INSTALLATION, START-UP OPERATION MAINTENANCE PARTS LIST, AND DATA SHEET.

12. THE SPACE AROUND DUCTS, PIPES, ELECTRICAL CONDUITS, CABLE TRAYS AND ALL ELECTRICAL / MECHANICAL WORK PENETRATING RATED WALLS OR BETWEEN FLOORS SHALL BE FIRESTOPPED PER DETAILS IN THIS SET AND REQUIREMENTS IN RELEVANT CODES. IF CONDITIONS ARE DIFFERENT THAN THE DETAILS PROVIDED, CONTACT THE ARCHITECT FOR DIRECTION.

13. THE INTENT OF THE CONTRACT DOCUMENTS IS TO PROVIDE COMPLETE OPERABLE AND INTEGRATED MATERIALS AND SYSTEMS. CONTRACTORS SHALL FURNISH AND INSTALL ALL MATERIAL AND INCIDENTAL ITEMS REQUIRED TO PROVIDE THE FULL SYSTEM CALLED OUT ON THE CONTRACT DOCUMENTS, IN THE EVENT THAT NOT EVERY PIECE IS SHOWN. DEFINITIONS: FURNISH = TO SUPPLY, DELIVER, UNLOAD, AND INSPECT FOR DAMAGE.

INSTALL = TO UNPACK, ASSEMBLE, ERECT, APPLY, PLACE, FINISH, CURE, PROTECT, CLEAN, START-UP, AND MAKE READY FOR USE. PROVIDE = TO FURNISH AND INSTALL

SIDA SAFETY AND GENERAL NOTES

14. 14. DEFECTIVE WORKMANSHIP OR DEFECTIVE MATERIALS WILL NOT BE ACCEPTABLE, EVEN IF NOT POINTED OUT BY THE ARCHITECT DURING CONSTRUCTION. ALL DEFECTS OR DEFICIENCIES REVEALED IN THE GUARANTEE TIME WILL BE REQUIRED TO BE FIXED OR REPLACED TO CONFORM TO THE ORIGINAL INTENT AND QUALITY OF THE CONTRACT DOCUMENTS.

16. DURING CONSTRUCTION, THE CONTRACTOR AND SUB-CONTRACTORS ARE TO KEEP RECORDS INDICATED TO SCALE WITH INK ON A CLEAN SET OF PLANS OF MECHANICAL, SPRINKLER, PLUMBING AND ELECTRICAL WORK ALONG WITH ANY DEVIATIONS FROM THE CONTRACT DRAWINGS. THESE ARE TO BE GIVEN TO THE OWNER AT THE END OF THE JOB MARKED "AS-BUILTS".

17. THE WORK IS TO BE EXECUTED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL CODES. IT MUST ALSO SATISFY MANUFACTURERS' RECOMMENDATIONS AS WELL AS TRADE AND REFERENCE

18. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL GOVERN. DETAILS GOVERN OVER PLANS AND ELEVATIONS. THE LARGE-SCALE DETAILS SHALL GOVERN OVER SMALL-SCALE DETAILS. IN THE CASE OF DISCREPANCIES BETWEEN MATERIALS ON THE DRAWING AND SPECIFICATION, THE CONTRACTOR SHALL ASSUME THE MOST RESTRICTIVE, STRINGENT, AND/OR COSTLY SOLUTION SHALL APPLY

19. IF FOR ANY REASON THERE IS A NEED TO CHANGE OR MANIPULATE THE BUILDING STRUCTURAL SYSTEM, THE BUILDING OWNER MUST BE CONSULTED FIRST. IF A CHANGE IS GRANTED, A STRUCTURAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED MUST DESIGN THIS CHANGE. THERE ARE TO BE NO CHANGES MADE TO ANY STRUCTURAL MEMBER PRIOR TO HAVING GONE THROUGH THE STEPS OUTLINED IN THIS PARAGRAPH.

20. ALL WORK IS TO BE NEW MATERIALS UNLESS SPECIFICALLY CALLED OUT AS EXISTING, REFURBISHED, SALVAGED, RELOCATED OR REUSED.

21. ALL LOOSE DEBRIS/TRASH SHALL BE DEPOSITED IN COVERED TRASH RECEPTACLE OR REMOVED FROM THE SITE. (NO LOOSE DEBRIS/TRASH SHALL BE LEFT ON ROOFS, SPACES OPEN TO THE AIRPORT OPERATIONS AREA (AOA), NEAR CONVEYANCE SYSTEMS OR IN ANY OPEN TRASH CONTAINERS.)

22. ALL UNUSED/ABANDONED FLOOR/WALL OPENINGS SHALL BE SEALED OR FIRE STOPPED.

23. ELECTRONIC COPIES OF PERMITS, INSURANCE CERTIFICATES, "AS-BUILT" RECORD DRAWINGS. SPECIFICATIONS, WARRANTIES, AND OTHER CLOSEOUT INFORMATION ARE TO BE SUBMITTED TO MNAA IN PDF FORMAT WITHIN 60 DAYS OF PROJECT COMPLETION, ALONG WITH COMPLETE CAD DRAWING

24. FRAPORT TO COORDINATE WITH MNAA AND HENSEL PHELPS WHEN THE PROJECT IS RELEASED FOR CONSTRUCTION TO DETERMINE REQUIREMENTS FOR DUST WALLS AND TEMPORARY BARRICADES BASED ON THE THEN-CURRENT STATUS OF THE TERMINAL LOBBY AND IAF BUILDING CONSTRUCTION AND PUBLIC ACCESS TO THE SPACE.

SIDA SAFETY NOTES:

PROVISIONS.

SUPPLY = SAME AS FURNISH.

1. IN CASE OF EMERGENCY, THE CONTRACTOR SHALL CALL 275-1703. THIS NUMBER CONNECTS DIRECTLY TO AIRPORT SECURITY AND EMERGENCY MANAGEMENT

2. THE CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS AT ALL TIMES. 3. AIRCRAFT OPERATIONS SHALL AT ALL TIMES HAVE PRIORITY OVER ALL VEHICLES, EQUIPMENT AND

PERSONNEL. THE CONTRACTOR SHALL EMPLOY STRICT MEASURES TO PREVENT ANY CONFLICT WITH AIRCRAFT OR SERVICE VEHICLES. THE CONTRACTOR SHALL REMAIN CLEAR OF ALL ACTIVE AIRFIELD AREAS UNLESS BEING ESCORTED BY AN OWNER APPROVED ESCORT OR AN AUTHORIZED FLAGMAN IS PRESENT. 4. THE CONTRACTOR SHALL ACQUAINT ITS SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT TO THIS AIRPORT AND SHALL CONDUCT ITS CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND TO THE GUIDELINES ON SAFETY

5. NO PRIVATE VEHICLES WILL BE ALLOWED WITHIN THE AIRPORT OPERATIONS AREA (AOA). CONTRACTOR VEHICLES ARE TO BE PROPERLY MARKED WITH CONSTRUCTION COMPANY NAME OR LOGO AND PROPER AIRPORT SECURITY IDENTIFICATION.

6. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DEVICES DURING CONSTRUCTION AS REQUIRED BY CONSTRUCTION DOCUMENTS OR IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL CONTACT THE OWNER 48 HOURS PRIOR TO ANY REQUIRED RAMP OR ROAD CLOSURES. THE CONTRACTOR SHALL PROVIDE, PLACE AND MAINTAIN BARRICADES ALONG STAGING AREA. BARRICADES SHALL BE SPACED NO MORE THAN 12-FEET ON CENTER. THE CONTRACTOR SHALL MAINTAIN THE LIGHTS, LIQUID LEVELS, FLAGS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. SCHEDULED SERVICE OF ALL BARRICADES SHALL OCCUR A MINIMUM OF EVERY 21 DAYS. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF BARRICADES. 7. THE CONTRACTOR SHALL HAVE ACCESS TO THE AIRPORT ONLY AT THOSE ACCESS POINTS DESIGNATED ON THE SAFETY PLANS OR APPROVED BY THE OWNER. ALL OTHER ACCESS SHALL BE BY SPECIAL REQUEST AND

SUBJECT TO APPROVAL BY THE OWNER. 8. THE CONTRACTOR'S EMPLOYEES' VEHICLES SHALL BE PARKED IN DESIGNATED AREAS. 9. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE CONSTRUCTION WORK AREA AND COORDINATING THE OVERALL SECURITY OF THE WORK AREA AND MATERIAL STORAGE STAGING AREAS WITH THE

11. IF APPROVED TO WORK DURING HOURS OF DARKNESS, THE CONTRACTOR IS REQUIRED TO PROVIDE ADEQUATE LIGHTING TO SAFELY CONDUCT CONSTRUCTION ACTIVITIES. CONTRACTOR PROVIDED LIGHTING SHALL NOT INTERFERE WITH AIR TRAFFIC CONTROL OR AIRCRAFT OPERATION. 12. THE CONTRACTOR SHALL USE, MANAGE, HANDLE AND DISPOSE OF ALL "HAZARDOUS MATERIALS" IN STRICT

ACCORDANCE WITH ALL ENVIRONMENTS LAWS. 13. THE CONTRACTOR SHALL BE REQUIRED TO MINIMIZE DUST CREATED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL APPLY WATER AS APPROVED BY THE OWNER AND AS NECESSARY TO CONTROL DUST. 14. THE CONTRACTOR MUST PERFORM ONSITE SECURITY INSPECTIONS THROUGHOUT THE PROJECT AND REMEDY ANY DEFICIENCIES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT OR PROJECT SCOPE CHANGE. 15. THE CONTRACTOR'S PROJECT SUPERINTENDENT SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES

DURING WORKING HOURS WHILE THIS PROJECT IS IN PROGRESS. THE CONTRACTOR'S PROJECT SUPERINTENDENT SHALL BE THE DESIGNATED RESPONSIBLE CONTRACTOR REPRESENTATIVE AND SHALL BE AVAILABLE IN CASE OF EMERGENCIES ON A 24-HOUR BASIS 16. ANYONE FOUND IN VIOLATION OF THE AIRPORT RULES AND REGULATIONS AND SAFETY PLAN MAY BE

PROMPTLY AND PERMANENTLY REMOVED FROM THE JOB SITE AND MAY BE SUBJECT TO ARREST FOR ALL PUNISHABLE STATE AND FEDERAL OFFENSES. 17. REFERENCE SPECIFICATIONS SECTION 00500 & 00550 FOR MORE AIRPORT SAFETY AND SECURITY

SIDA GENERAL NOTES:

 THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS AND CODES IN REGARD TO SAFETY, NOISE CONTROL, AND EMISSIONS DURING CONSTRUCTION 2. THE CONTRACTOR SHALL COMPLY WITH ALL CITY, COUNTY AND STATE TRAFFIC REGULATIONS CONCERNING THE USE OF STREETS AND ROADWAYS FOR HAULING. ANY DAMAGE DONE TO THE APRON DUE TO THE CONTRACTOR'S EQUIPMENT OR HAULING OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR, TO THE OWNER'S SATISFACTION AT NO COST TO OWNER. CONTRACTOR SHALL MAINTAIN CLEANLINESS OF ALL AFFECTED STREETS AND ROADWAYS TO THE OWNER'S SATISFACTION. 3. the Contractor's project superintendent shall have control over the contractor's WORK FORCE AND THE KNOWLEDGE AND AUTHORITY TO IMPLEMENT ANY ACTIONS REQUIRED TO ENSURE COMPLIANCE WITH THE PLANS AND SPECIFICATIONS AND QUALITY CONTROL PROGRAM. 4. NO FIELD CHANGES OR DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS SHALL BE MADE

WITHOUT THE PRIOR APPROVAL OF THE OWNER. 5. THE CONTRACTOR SHALL CONTINUALLY MONITOR AND CONDUCT CLEANING OF RAMP WHEN CROSSING WITH VEHICLE TRAFFIC/HAULING EQUIPMENT AND SHALL CONDUCT FINAL CLEANING OF

AFFECTED APRON AREAS, TO THE OWNER'S SATISFACTION. 6. THE CONTRACTOR IS ADVISED THAT OTHER CONSTRUCTION MAY BE IN PROGRESS DURING ALL OR PART OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF OTHER CONTRACTORS, INCLUDING MNAA PERSONNEL.

7. ONLY RUBBER TIRED VEHICLES SHALL BE ALLOWED ON EXISTING APRON AREAS. 8. ANY DAMAGE TO EXISTING INFRASTRUCTURE NOT TO BE REPLACED UNDER THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR PROMPTLY AT NO ADDITIONAL COST TO THE

OWNER. REPAIR METHODS SHALL BE APPROVED BY OWNER PRIOR TO ACTUAL REPAIR 9. THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN THE CONSTRUCTION WORK AREA FREE OF TRASH. ALL TRASH SHALL BE TOTALLY REMOVED FROM THE WORK AREA BEFORE THE END OF EACH WORK PERIOD. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT LEAST ONE COVERED DISPOSAL SITE FOR TRASH DISPOSAL AT AN APPROVED LOCATION. NO ONSITE BURNING OF TRASH IS PERMITTED. 10. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL CLEAN AND RESTORE THE CONSTRUCTION WORK AREA. ALL RUBBISH AND OTHER MATERIAL SHALL BE DISPOSED OF OFF AIRPORT PROPERTY AT CONTRACTOR'S DISCRETION AND EXPENSE. THE CONTRACTOR SHALL RESTORE ALL GRASSED AND PAVED AREAS WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITY TO THEIR

PRECONSTRUCTION CONDITION. 11. FOR INSPECTION AND MAINTENANCE PURPOSES, THE CONTRACTOR SHALL PROVIDE THE OWNER AND ITS REPRESENTATIVE'S ACCESS TO THE CONSTRUCTION WORK AREA AT ALL TIMES. 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE CONSTRUCTION WORK AREA AND COORDINATING THE OVERALL SECURITY OF THE WORK AREA AND MATERIAL STORAGE STAGING AREAS

WITH THE OWNER. 13. DO NOT SCALE DRAWINGS, USE GIVEN DIMENSIONS ONLY. DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER BEFORE

CONTINUING WITH CONSTRUCTION. 14. ANY ITEMS REQUIRED TO COMPLETE THE PROJECT, WHICH ARE NOT INDICATED IN THE CONSTRUCTION DOCUMENTS, SHALL BE INCIDENTAL TO THE CONTRACT.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY REQUIRED

16. RETEST OF ANY FAILING QUALITY ASSURANCE TESTS CONDUCTED BY THE OWNER SHALL BE AT THE CONTRACTOR'S EXPENSE

CONSTRUCTION NOTES

1. DO NOT SCALE DRAWINGS.

2. DIMENSIONS ARE TAKEN FROM FACE OF NEW FINISH MATERIALS. ALLOW FOR TOLERANCES WHEN FIELD MEASURING FOR APPLIANCES, CASEWORK, AND OTHER FIXTURES

3. INTERIOR STUDWALL PARTITIONS TO BE TYPE SO UNLESS OTHERWISE NOTED. REFER TO PARTITION TYPES FOR CONSTRUCTION.

CEILING NOTES

1. SEE MEP DRAWINGS FOR SPECIFIC FIXTURES; SHOWN FOR REFERENCE AND COORDINATION ONLY.

2. CEILING HEIGHTS ARE MEASURED ABOVE FINISH FLOOR. 3. ALL EXPOSED BEAMS TO BE WRAPPED WITH GYP. BD. PER CEILING TYPE.

4. SPRINKLER PIPE TO BE PAINTED WHERE EXPOSED; PAINT ONLY AFTER SPRINKLER FINAL INSPECTION & APPROVAL

ELEVATION NOTES

1. TEMPERED GLAZING SHALL CONFORM TO CPSC 16 CFR 201 AS REQUIRED IN SECTION 2406 OF THE IBC. 2. SAFETY GLAZING SHALL CARRY A FIRE RATING AS

RECOGNIZED BY THE IBC AND CONFORM TO THE REQUIREMENTS OF TEMPERED GLAZING.

FINISH NOTES

1. FIELD VERIFY ALL DIMENSIONS AND EXISTING

CONDITIONS. 2. ALL FINISH MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES. CONTACT THE SALES REP FOR THE PROPER INSTALLATION. IF THEY ARE NOT CONTACTED FOR PROPER INSTALLATION PROCEDURES, THEN THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR IMPROPER INSTALLATION AND WILL BE REQUIRED TO RE-INSTALL OR CORRECT FINISHES IMMEDIATELY

3. PROVIDE THREE (3) SAMPLES OF ALL MATERIALS TO THE ARCHITECT/DESIGNER FOR APPROVAL PRIOR TO PLACING FULL ORDERS WHERE MATERIALS ARE NOT RETURNABLE. 4. PROVIDE A FLOOR PATTERN AND SEAMING DIAGRAM FOR APPROVAL BY ARCHITECT/DESIGNER PRIOR TO

INSTALLATION. WHERE FLOOR FINISHES DIFFER IN COLOR AND/OR MATERIAL BETWEEN ROOMS, TRANSITIONS SHALL OCCUR AT THE CENTERLINE OF THE CLOSED DOOR SEPARATING ROOMS. USE TRANSITION STRIPS OUTLINED IN FINISH

LEGEND AT APPROPRIATE FLOOR FINISH TRANSITIONS. 6. FOR ALL PAINTING FOLLOW MANUFACTURER'S RECOMMENDED PREPPING AND APPLICATION INSTRUCTIONS. USE ONE COAT OF LATEX PRIMER AND TOPCOAT WITH TWO APPLICATIONS OF LATEX EGGSHELL FINISH PAINT. DOOR FRAMES AND TRIM TO BE SEMIGLOSS. ALL OTHER PAINT TO BE EGGSHELL UNLESS

NOTED OTHERWISE. WALLCOVERING (WC-1) IS THE MAIN WALL COVERING UNLESS NOTED OTHERWISE. ACCENT WALLS ARE INDICATED ON THE FINISH PLAN BY A DASHED LINE, SHOWING THE STOP AND START POINTS WITH THE CORRESPONDING WALLCOVERING/PAINT IN FRONT OF THE

8. REMOVE ALL EXISTING CARPET AND FLOOR FINISHES COMPLETE AS SHOWN ON THE DEMOLITION PLAN AND PROPERLY PREP FLOOR TO RECEIVE NEW FLOOR FINISHES. G.C. IS TO PROVIDE A SMOOTH AND LEVEL SURFACE FOR NEW FLOOR INSTALLATION. 9. ALL NEW FLOORING SHALL RUN UNDERNEATH ANY NEW

CASEWORK TO BE INSTALLED. 10. INSTALL RESILIENT BASE AT AREAS AS SPECIFIED ON ROOM FINISH SCHEDULE. WRAP ALL CORNERS TIGHTLY TO WALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

11. ORDER FLOORING UPON RELEASE OF JOB. MATERIAL DELIVERED AND STORED ON SITE. INSPECT MATERIAL UPON DELIVERY. 12. PATCH AND REPAIR ANY EXISTING DRYWALL WRAPPED

COLUMNS. ALL COLUMNS TO BE PAINTED THE SAME COLOR AS THE WALL IT IS ON, UNLESS OTHERWISE NOTED. 13. ANY EXISTING WALLCOVERING TO BE REMOVED, PATCH AND REPAIR WALL TO RECEIVE NEW PAINTED OR WALL COVERING WALL FINISH.

14. DRYWALL CEILINGS/BULKHEADS TO BE PAINTED FLAT WHITE TO MATCH EXISTING ABOVE WINDOWS AT BUILDING PERIMETER, TYP.

15. ALL NEW HOLLOW METAL DOOR FRAMES TO BE PAINTED

16. WATERPROOFING MATERIALS SHOULD BE APPLIED IN ALL WET AREAS THROUGHOUT THE SPACE. WATERPROOFING SHOULD EXTEND 16" UP WALLS, AND FLOOR TESTED TO ENSURE NO LEAKS. SEE APPENDIX G IN FRAPORT DEIGN CRITERIA.

PARTITION NOTES

1. WHERE A U.L. DETAIL IS REFERENCED FOR FIRE RATING, U.L. REQUIREMENTS TAKE PRECEDENCE OVER DRAWINGS & SPECIFICATIONS. PROVIDE U.L. CLASSIFIED MATERIAL AS REQUIRED. SEE FIRE-RATED HEAD & SILL DETAILS. FIRE-RATED WALLS TO GO TO DECK OR OTHER FIRE-RATED HORIZONTAL ASSEMBLY,

2. SEE PENETRATION DETAILS REQUIRED TO MAINTAIN FIRE-RATED ASSEMBLIES.

3. MOISTURE RESISTANT GYPSUM WALL BOARD (MRGWB) TO BE USED IN WET AREAS, INCLUDING BUT NOT LIMITED TO BATH / TOILET ROOMS, MECHANICAL

ROOMS, JANITOR'S CLOSETS ETC. 4. PROVIDE 1/2" CEMENTITIOUS BACKER BOARD BEHIND SCHEDULED TILE FINISHES. SEE FINISH PLANS & ELEVATIONS FOR EXTENT OF TILE

5. PROVIDE 2x FIRE RATED WOOD BLOCKING AT WALLS BEHIND FIXTURES FOR SECURE ANCHORAGE. 6. INTERIOR STUDWALL PARTITIONS TO BE TYPE SO UNLESS OTHERWISE NOTED. REFER TO PARTITION

TYPES FOR CONSTRUCTION.

PENETRATION NOTES

1. G.C. RESPONSIBLE TO ENSURE APPROPRIATE DETAILS ARE USED AT EACH CONDITION TO MAINTAIN RATING OF FIRE-RATED ASSEMBLY.

CEILING LEGEND

ROOM TAC Room Name → NAME | 101 | NUMBER

CEILING TAG

9'-0" A.F.F. HEIGHT ABOVE FLOOR FC-1 CEILING TYPE; SEE A801

GYPSUM BOARD CEILING - SUSPENDED

ACOUSTIC CEILING PANEL GRID

MEP FIXTURES FOR REFERENCE

3 RECESSED DOWNLIGHT ——— STRIP LIGHTING

SECURITY CAMERA

¹ⁱ

LIGHT FIXTURE TAG

EGRESS PATH: 2x2 HVAC DIFFUSER 2x2 HVAC RETURN MIN. PATH WIDTH

SPRINKLER HEADS RECESSED PENDANT

FLOOR PLAN LEGEND



DOOF - DOOR TAG SIMILAR/MIRRORED INDICATOR DRAWING NUMBER

WALL SECTION INDICATOR

SHEET NUMBER

SHEET NUMBER DRAWING NUMBER ² (A101) ⁴ INTERIOR ELEVATION INDICATOR

 DRAWING NUMBER **DETAIL CALLOUT INDICATOR**

SHEET NUMBER Room Name → NAME 150 SF**⊸** - AREA (SOUARE FOOTAGE)

> **ROOM TAG** (E222) **EQUIPMENT TAG**

FP-1 KEYNOTE TAG

S### - SIGNAGE F### - FIXTURES FEC# - FIRE EXTINGUISHER CABINET KEYNOTE NUMBER

OCCUPANT LOAD AT DISCHARGE EGRESS COMPONENT TAG: EGRESS COMPONENT TYPE MAXIMUM ALLOWABLE OCCUPANT LOAD REQUIRED CAPACITY IN INCHES PROVIDED CLEAR WIDTH IN INCHES - ACTUAL OCCUPANT LOAD DIRECTION OF TRAVEL (IF APPLICABLE)

PARTITION TYPE LEGEND

LIFE SAFETY LEGEND

DOOR RATING - MINUTES

TRAVEL DISTANCE TAG

(OVERALL DISTANCE in FEET)

COMMON PATH OF TRAVEL

(OVERALL DISTANCE in FEET)

LEVEL / PLAN

REMOTEST POINT

TOTAL QUANTITY REQUIRED PER FLOOR AREA

EXIT DISCHARGE TAG:

CONTINUES ON ADJACENT

FIRE-RATED ASSEMBLIES:

EGRESS INFORMATION:

■ BASE WALL TYPE

→ FIRE RATING & TEST

SOUND RATING & TEST

■ MODIFIED SOUND RATING

TYPE

EXIT SIGN OCCUPANCY AREA HATCH - SEE PLANS

AREA NOT IN SCOPE / WORK AREA SIMILAR/MIRRORED INDICATOR FIRE EXTINGUISHERS DRAWING NUMBER VERIFY LOCATIONS & QUANTITY W/ FIRE DEPT.; **EXTERIOR ELEVATION INDICATOR** MAX. TRAVEL = 75 FT. SEE SCHEDULE FOR

> FIRE EXTINGUISHER CABINET TAG FIRE EXTINGUISHER CABINET

PER NFPA 10.

SHEET NUMBERS SIMILAR/MIRRORED INDICATOR SMOKE DETECTOR **EMERGENCY LIGHT**

> SPRINKLER HEADS FULLY CONCEALED SPRINKLER

FIRE EXTINGUISHER CABINETS FIRE EXTINGUISHER COVERAGE RADIUS

ACCESSIBILITY LEGEND

CLEAR FLOOR SPACE: 30" x 48" CLEAR FLOOR SPACE: 60" TURNING CIRCLE **DOOR CLEARANCE:** SEE ADA DETAILS APPROACH DIRECTION



ELEVATION LEGEND

AREA NOT IN SCOPE

WINDOW WALL TAG STOREFRONT CURTAINWALL \(\W## \rightarrow \WINDOW TAG

(101) DOOR TAG

_Name____ LEVEL TAG Elevation - HEIGHT RELATIVE TO FIRST FL. TIME FOR A

AIRPORT INTERIOR

TENANT RETAIL

FIT-OUT

SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

> > CONSULTANT

CONSTRUCTION **DRAWINGS**



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NO. DATE DESCRIPTION REVISION DATES 10/20/2022 ORIGINAL ISSUE DATE

ARCHITECTURAL GENERAL NOTES

PROJECT NO.: 22277

01 1000 - SUMMARY

PART 1 GENERAL 1.01 PROJECT

- A. Project Name: Nashville International Airport Interior Tenant Fit Out Time for a Shine CD.04 B. Airport Authority (Building Owner): ["Metropolitan Government of Nashville and Davidson
- C. Owner's / Tenant's Name: Antwain Shaw D. Architect's Name: LGA Partners, L.P..
- 1.02 CONTRACT DESCRIPTION

A. Contract Type: A single prime contract based on a Stipulated Price as described in separate solicitation documents, proposed contract forms, general and supplemental conditions being

1.03 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of alterations work is indicated on drawings. B. Refinish all surface areas as specified:
- D. HVAC: Alter existing system and add new construction, keeping existing in operation. E. Electrical Power and Lighting: Alter existing system and add new construction, keeping existing
- F. Fire Suppression Sprinklers: Alter existing system and add new construction, keeping existing in

- A. Owner/Tenant intends to continue to occupy adjacent portions of the existing building during the entire construction period. B. Owner/Tenant intends to occupy the Project after the completion date for the conduct of normal
- C. Cooperate with Owner to minimize conflict and to facilitate Owner's and Airport Autority operations.
- D. Schedule the Work to accommodate Owner occupancy.

1.05 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings. 1. Locate and conduct construction activities in ways that will limit disturbance to site.
- B. Arrange use of site and premises to allow:
- Owner occupancy. 2. Work by Others.

1.04 OWNER OCCUPANCY

operations.

- 3. Work by Owner.
- 4. Use of site and premises by the public. C. Provide access to and from site as required by law and by Owner:
- 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily
- 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- D. Utility Outages and Shutdown:
- 1. Limit disruption of utility services to hours the building is underoccupied. 2. Limit shutdown of utility services to minimum hours overnight at a time, arranged in advance with Owner and the Airport Authority. 48-hour advance notification required for all

utilities and an impairment permit. 72-hour advance notice required for all fire systems and

- an impairment permit. 3. Prevent accidental disruption of utility services to other facilities.
- 1.06 WORK SEQUENCE
- A. Construct Work in stages during the construction period as shown on the drawings.
- B. Coordinate construction schedule and operations with Owner & Airport Representative. PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

01 2000 - PRICE & PAYMENT PROCEDURES

PART 1 GENERAL PART 1 GENERAL

- 1.01 SECTION INCLUDES
- A. Procedures for preparation and submittal of applications for progress payments.
- 1.02 SCHEDULE OF VALUES
- A. Use Schedule of Values Form: AIA G703, edition stipulated in the Agreement. B. Electronic media printout including equivalent information will be considered in lieu of standard form specified; submit draft to Architect for approval.
- C. Forms filled out by hand will not be accepted. D. Submit Schedule of Values in duplicate within 15 days after date of Owner-Contractor
- E. Format: Utilize the Table of Contents of this Project Manual. Identify each line item with number and title of the specification section. Identify site mobilization and bonds and insurance. F. Include in each line item, the amount of Allowances specified in this section. For unit cost Allowances, identify quantities taken from Contract Documents multiplied by the unit cost to achieve
- G. Revise schedule to list approved Change Orders, with each Application For Payment.
- 1.03 APPLICATIONS FOR PROGRESS PAYMENTS
- A. Payment Period: Submit at intervals stipulated in the Agreement.
- B. Use Form AIA G702 and Form AIA G703, edition stipulated in the Agreement. C. Electronic media printout including equivalent information will be considered in lieu of standard
- form specified; submit sample to Architect for approval.
- D. Forms filled out by hand will not be accepted. E. Execute certification by signature of authorized officer.
- F. Submit one electronic and three hard-copies of each Application for Payment.
- G. Include the following with the application:
- Transmittal letter as specified for submittals in Section 01 3000.
- 2. Construction progress schedule, revised and current as specified in Section 01 3000. 3. Partial release of liens from major subcontractors and vendors.
- H. When Architect requires substantiating information, submit data justifying dollar amounts in

question. Provide one copy of data with cover letter for each copy of submittal. Show application number and date, and line item by number and description. 1.04 MODIFICATION PROCEDURES

A. For minor changes not involving an adjustment to the Contract Sum or Contract Time, Architect will issue instructions directly to Contractor.

- B. For other required changes, Architect will issue a document signed by Owner instructing Contractor to proceed with the change, for subsequent inclusion in a Change Order.
- 1. The document will describe the required changes and will designate method of determining any change in Contract Sum or Contract Time. Promptly execute the change.
- C. For changes for which advance pricing is desired, Architect will issue a document that includes a detailed description of a proposed change with supplementary or revised drawings and specifications, a change in Contract Time for executing the change and the period of time during which the requested price will be considered valid. Contractor shall prepare and submit a fixed price
- quotation within 3 days. D. Contractor may propose a change by submitting a request for change to Architect, describing the proposed change and its full effect on the work, with a statement describing the reason for the
- change, and the effect on the Contract Sum and Contract Time with full documentation. Document any requested substitutions in accordance with Section 01 6000. E. Computation of Change in Contract Amount: As specified in the Agreement and Conditions of
- the Contract. 1. For change requested by Architect for work falling under a fixed price contract, the amount will be based on Contractor's price quotation.
 - 2. For change requested by Contractor, the amount will be based on the Contractor's request for a Change Order as approved by Architect.
- 3. For pre-determined unit prices and quantities, the amount will based on the fixed unit 4. For change ordered by Architect without a quotation from Contractor, the amount will be
- determined by Architect based on the Contractor's substantiation of costs as specified for Time and Material work.
- F. Substantiation of Costs: Provide full information required for evaluation. 1. On request, provide the following data:
 - a. Quantities of products, labor, and equipment. b. Taxes, insurance, and bonds.
 - c. Overhead and profit.
 - d. Justification for any change in Contract Time. e. Credit for deletions from Contract, similarly documented.
 - 2. Support each claim for additional costs with additional information:
 - a. Origin and date of claim.
 - b. Dates and times work was performed, and by whom. Time records and wage rates paid.
 - d. Invoices and receipts for products, equipment, and subcontracts, similarly documented. 3. For Time and Material work, submit itemized account and supporting data after completion of change, within time limits indicated in the Conditions of the Contract.
- G. Execution of Change Orders: Architect will issue Change Orders for signatures of parties as provided in the Conditions of the Contract. H. After execution of Change Order, promptly revise Schedule of Values and Application for
- Payment forms to record each authorized Change Order as a separate line item and adjust the I. Promptly revise progress schedules to reflect any change in Contract Time, revise sub-schedules
- to adjust times for other items of work affected by the change, and resubmit. J. Promptly enter changes in Project Record Documents.

01 2000 - PRICE & PAYMENT PROCEDURES (CON'T)

- 1.05 APPLICATION FOR FINAL PAYMENT
- A. Prepare Application for Final Payment as specified for progress payments, identifying total adjusted Contract Sum, previous payments, and sum remaining due.
- B. Application for Final Payment will not be considered until the following have been accomplished: 1. All closeout procedures specified in Section 01 7000. PART 2 PRODUCTS - NOT USED

01 2100 - ALLOWANCES

PART 1 GENERAL

PART 3 EXECUTION - NOT USED

- 1.01 SECTION INCLUDES A. Cash allowances.
- 1.02 RELATED REQUIREMENTS
- A. Section 01 2000 Price and Payment Procedures: Additional payment and modification 1.03 CASH ALLOWANCES
- A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts, less cost of delivery to site, less applicable taxes. B. Differences in costs will be adjusted by Change Order.

PART 2 PRODUCTS - NOT USED PART 3 EXECUTION - NOT USED

01 2500 - SUBSTITUTION PROCEDURES

PART 1 GENERAL 1.01 SECTION INCLUDES

- A. Procedural requirements for proposed substitutions.
- 1.02 DEFINITIONS A. Substitutions: Changes from Contract Documents requirements proposed by Contractor to materials, products, assemblies, and equipment. Substitutions for Cause: Proposed due to changed Project circumstances beyond
- a. Unavailability 2. Substitutions for Convenience: Proposed due to possibility of offering substantial
- advantage to the Project a. Substitution requests offering advantages solely to the Contractor **will not be** considered

PART 2 PRODUCTS - NOT USED PART 3 EXECUTION

Contractor's control.

- 3.01 GENERAL REOUIREMENTS A. A Substitution Request for products, assemblies, materials, and equipment constitutes a
- representation that the submitter: .. Has investigated proposed product and determined that it meets or exceeds the quality
- level of the specified product, equipment, assembly, or system. 2. Agrees to provide the same warranty for the substitution as for the specified product. 3. Agrees to coordinate installation and make changes to other work that may be required for
- the work to be complete, with no additional cost to Owner. 4. Waives claims for additional costs or time extension that may subsequently become
- 5. Agrees to reimburse Owner and Architect for review or redesign services associated with re-approval by authorities.
- B. Document each request with complete data substantiating compliance of proposed substitution with Contract Documents. Burden of proof is on proposer. C. Content: Include information necessary for tracking the status of each Substitution Request, and
- information necessary to provide an actionable response. D. Limit each request to a single proposed substitution item. 3.02 RESOLUTION A. Architect may request additional information and documentation prior to rendering a decision.
- Provide this data in an expeditious manner. B. Architect will notify Contractor in writing of decision to accept or reject request. 3.03 ACCEPTANCE
- A. Accepted substitutions change the work of the Project. They will be documented and incorporated into work of the project by Change Order, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments provided for in the Conditions of the Contract. 3.04 CLOSEOUT ACTIVITIES
- A. See Section 01 7800 Closeout Submittals, for closeout submittals.

01 3000 - ADMINSTRATIVE REQUIREMENTS

PART 1 GENERAL

- 1.01 SECTION INCLUDES A. Preconstruction meeting.
- B. Site mobilization meeting. C. Progress meetings. D. Construction progress schedule.
- E. Submittals for review, information, and project closeout. F. Number of copies of submittals.
- G. Requests for Interpretation (RFI) procedures. H. Submittal procedures.
- PART 2 PRODUCTS NOT USED PART 3 EXECUTION
- 3.01 PRECONSTRUCTION MEETING A. Owner will schedule a meeting after Notice of Award.
- B. Attendance Required: Contractor.
- 3. Building Owner. C. Agenda: . Execution of Owner-Contractor Agreement.
 - 2. Submission of executed bonds and insurance certificates. 3. Distribution of Contract Documents.
- 4. Submission of list of subcontractors, list of products, schedule of values, and progress 5. Submission of initial Submittal schedule. 6. Designation of personnel representing the parties to Contract, Airport Authority and
- 7. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
- 8. Scheduling. D. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.
- 3.02 SITE MOBILIZATION MEETING A. Schedule meeting at the Project site prior to Contractor occupancy.
- B. Attendance Required: Contractor. Owner.
- Architect. 4. Contractor's superintendent. 5. Major subcontractors.
- C. Agenda: 1. Use of premises by Owner and Contractor. Owner's requirements.
- 3. Construction facilities and controls provided by Owner. 4. Temporary utilities provided by Owner.
- Survey and building layout. . Security and housekeeping procedures.
- 8. Application for payment procedures. 9. Procedures for maintaining record documents. D. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.
- 3.03 PROGRESS MEETINGS A. Attendance Required: . Contractor.
- Owner. . Contractor's superintendent. Major subcontractors. B. Agenda:
 - Review minutes of previous meetings. Review of work progress. 3. Field observations, problems, and decisions.
 - 4. Identification of problems that impede, or will impede, planned progress. 5. Review of submittals schedule and status of submittals. 6. Maintenance of progress schedule. 7. Corrective measures to regain projected schedules.
- 8. Planned progress during succeeding work period. 9. Maintenance of quality and work standards. 10. Effect of proposed changes on progress schedule and coordination. 11. Other business relating to work.

- C. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect. Owner, participants, and those affected by decisions made.
- 3.04 CONSTRUCTION PROGRESS SCHEDULE

01 3000 - ADMINSTRATIVE REQUIREMENTS

- A. Within 10 days after date of the Agreement, submit schedule defining planned operations for the first 60 days of work, with a general outline for remainder of work. B. Within 20 days after review of preliminary schedule, submit draft of proposed complete schedule
- C. Submit updated schedule with each Application for Payment. 3.05 REQUESTS FOR INTERPRETATION (RFI)

(CONT')

- A. Definition: A request seeking one of the following: 1. An interpretation, amplification, or clarification of some requirement of Contract Documents arising from inability to determine from them the exact material, process, or system to be installed; or when the elements of construction are required to occupy the same space (interference); or when an item of work is described differently at more than one place
- 2. A resolution to an issue which has arisen due to field conditions and affects design intent. B. Whenever possible, request clarifications at the next appropriate project progress meeting, with response entered into meeting minutes, rendering unnecessary the issuance of a formal RFI. C. Preparation: Prepare an RFI immediately upon discovery of a need for interpretation of Contract Documents. Failure to submit a RFI in a timely manner is not a legitimate cause for
- claiming additional costs or delays in execution of the work. 1. Prepare a separate RFI for each specific item. a. Review, coordinate, and comment on requests originating with subcontractors and/or materials suppliers. b. Do not forward requests which solely require internal coordination between
- subcontractors. 2. Prepare in a format and with content acceptable to Owner. D. Reason for the RFI: Prior to initiation of an RFI, carefully study all Contract Documents to confirm that information sufficient for their interpretation is definitely not included. E. Content: Include identifiers necessary for tracking the status of each RFI, and information
- necessary to provide an actionable response. F. Attachments: Include sketches, coordination drawings, descriptions, photos, submittals, and other information necessary to substantiate the reason for the request. G. RFI Log: Prepare and maintain a tabular log of RFIs for the duration of the project.
- 1. Indicate current status of every RFI. Update log promptly and on a regular basis. 2. Note dates of when each request is made, and when a response is received. 3. Highlight items requiring priority or expedited response. 4. Highlight items for which a timely response has not been received to date.
- H. Review Time: Architect will respond and return RFIs to Contractor within seven calendar days of receipt. For the purpose of establishing the start of the mandated response period, RFIs received after 12:00 noon will be considered as having been received on the following regular working day. 1. Response period may be shortened or lengthened for specific items, subject to mutual agreement, and recorded in a timely manner in progress meeting minutes.
- I. Responses: Content of answered RFIs will not constitute in any manner a directive or authorization to perform extra work or delay the project. If in Contractor's belief it is likely to lead to a change to Contract Sum or Contract Time, promptly issue a notice to this effect, and follow up with an appropriate Change Order request to Owner. 3.06 SUBMITTAL SCHEDULE
- A. Submit to Architect for review a schedule for submittals in tabular format. 1. Format schedule to allow tracking of status of submittals throughout duration of construction. 3.07 SUBMITTALS FOR REVIEW
- A. When the following are specified in individual sections, submit them for review: Product data. 2. Shop drawings.
- 3. Samples for selection. 4. Samples for verification. B. Submit to Architect for review for the limited purpose of checking for compliance with information given and the design concept expressed in Contract Documents.
- Samples will be reviewed for aesthetic, color, or finish selection. D. After review, provide copies and distribute in accordance with SUBMITTAL PROCEDURES article below and for record documents purposes described in Section 01 7800 - Closeout Submittals. E. GC to submit fire-resistance documentation for all construction and finish materials, including but not limited to in-wall plywood blocking, in-wall stud blocking, sheathing plywood, etc.
- E1. All materials must be compliant to ASTM E84, Class A smoke and flame rating. 3.08 SUBMITTALS FOR INFORMATION
- A. When the following are specified in individual sections, submit them for information:
 - Design data. 2. Certificates.
- 3. Test reports. 4. Inspection reports.
- Manufacturer's instructions. 6. Manufacturer's field reports.
- 7. Other types indicated. B. Submit for Architect's knowledge as contract administrator or for Owner.
- 3.09 SUBMITTALS FOR PROJECT CLOSEOUT A. Submit Correction Punch List for Substantial Completion.
- B. Submit Final Correction Punch List for Substantial Completion. C. When the following are specified in individual sections, submit them at project closeout in
- compliance with requirements of Section 01 7800 Closeout Submittals: 1. Project record documents.
- 2. Operation and maintenance data. 3. Warranties. Bonds.
- 5. Other types as indicated. D. Submit for Owner's benefit during and after project completion.
- 3.10 NUMBER OF COPIES OF SUBMITTALS A. Electronic Documents: Submit one electronic copy in PDF format; an electronically-marked up file will be returned. Create PDFs at native size and right-side up; illegible files will be rejected. B. Samples: Submit the number specified in individual specification sections; one of which will be
- retained by Architect. 1. After review, produce duplicates. 2. Retained samples will not be returned to Contractor unless specifically so stated.
- 3.11 SUBMITTAL PROCEDURES A. General Requirements:
 - 1. Use a single transmittal for related items. 2. Transmit using approved form. a. Use Contractor's form, subject to prior approval by Architect.

3. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification

- of products required, field dimensions, adjacent construction work, and coordination of information is in accordance with the requirements of the work and Contract Documents. 4. Deliver each submittal on date noted in submittal schedule, unless an earlier date has
- been agreed to by all affected parties, and is of the benefit to the project. a. Deliver submittals to Architect at business address.
- 5. Schedule submittals to expedite the Project, and coordinate submission of related items. 6. Identify variations from Contract Documents and product or system limitations that may be detrimental to successful performance of the completed work.
- 7. Provide space for Contractor and Architect review stamps. 8. When revised for resubmission, identify all changes made since previous submission. 9. Distribute reviewed submittals. Instruct parties to promptly report inability to comply with
- requirements. B. Product Data Procedures: Submit only information required by individual specification sections. 2. Collect required information into a single submittal.
- 3. Do not submit (Material) Safety Data Sheets for materials or products. C. Shop Drawing Procedures: 1. Prepare accurate, drawn-to-scale, original shop drawing documentation by interpreting Contract Documents and coordinating related work.
- 2. Do not reproduce Contract Documents to create shop drawings. 3. Generic, non-project-specific information submitted as shop drawings do not meet the requirements for shop drawings. D. Samples Procedures:
- 1. Transmit related items together as single package. 2. Identify each item to allow review for applicability in relation to shop drawings showing installation locations. 3.12 SUBMITTAL REVIEW
- B. Submittals for Information: Architect will acknowledge receipt and review. See below for actions C. Architect's actions will be reflected by marking each returned submittal using virtual stamp on electronic submittals. D. Architect's and consultants' actions on items submitted for review:

1. Authorizing purchasing, fabrication, delivery, and installation:

A. Submittals for Review: Architect will review each submittal, and approve, or take other

a. "Reviewed" or "Reviewed, No Exceptions Taken". b. "Reviewed, Make Corrections". 1) At Contractor's option, submit corrected item, with review notations acknowledged and incorporated.

01 3000 - ADMINSTRATIVE REQUIREMENTS (CONT')

- E. Architect's and consultants' actions on items submitted for information:
 - 1. Items for which no action was taken: a. "No Action" - submittal does not require review but has been received for record
 - 2. Items for which action was taken:
 - a. "Reviewed" no further action is required from Contractor

01 4000 QUALITY REQUIREMENTS

PART 1 GENERAL 1.01 SECTION INCLUDES

- A. Submittals.
- B. Control of installation C. Tolerances.
- D. Defect Assessment 1.02 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

PART 2 PRODUCTS - NOT USED PART 3 EXECUTION

- 3.01 CONTROL OF INSTALLATION A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and
- workmanship, to produce work of specified quality. B. Comply with manufacturers' instructions, including each step in sequence. C. Should manufacturers' instructions conflict with Contract Documents, request clarification from
- Architect before proceeding. D. Comply with specified standards as minimum quality for the work except where more stringent
- tolerances, codes, or specified requirements indicate higher standards or more precise workmanship. E. Have work performed by persons qualified to produce required and specified quality. F. Verify that field measurements are as indicated on shop drawings or as instructed by the
- G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement. 3.02 TOLERANCES
- A. Monitor fabrication and installation tolerance control of products to produce acceptable Work. Do not permit tolerances to accumulate. B. Comply with manufacturers' tolerances. Should manufacturers' tolerances conflict with Contract
- Documents, request clarification from Architect before proceeding. C. Adjust products to appropriate dimensions; position before securing products in place. 3.03 DEFECT ASSESSMENT A. Replace Work or portions of the Work not complying with specified requirements.

B. If, in the opinion of Owner, it is not practical to remove and replace the work, Owner will direct an

01 5000 TEMP FACILITIES & CONTROLS

PART 1 GENERAL

1.01 SECTION INCLUDES A. Temporary sanitary facilities.

appropriate remedy or adjust payment.

- B. Temporary Controls: Barriers and enclosures. C. Security requirements. D. Site Specific Safety Plan
- E. Vehicular access and parking. F. Waste removal facilities and services. G. Material Delivery
- 1.02 REFERENCE STANDARDS A. MNAA Airport Improvement Request Manual B. Faport Tenant Design Criteria
- 1.03 UTILITIES A. Existing facilities may be used. B. Any utility interruption must be coordinated in advance with the Airport Autority, Fraport, and
- Fraport's representative. 1.04 TEMPORARY SANITARY FACILITIES (NOT APPLICABLE) 1.05 TEMPORARY WALLS/DUST BARRIERS (NOT APPLICABLE)
- A. Tenant space is behind existing MNAA terminal renovation barricade. Not in T.02 scope of work. 1.06 SECURITY A. When the work areas are located within designated Airport restricted areas, contractor's personnel will be limited to specific work areas, storage areas, or other areas designated by the Airport
- Authority, Fraport, and Fraport's represetatives. B. Identification 1. When the Sponsor's Contractor's work areas are located within designated Airport restricted areas, including the AOA and SIDA security areas, all contractors' personnel must be
- provided with, and carry on their person, identification which positively associates them with the Contractor's firm. 2. Construction staff who will be operation and performing work within the Sterile, SIDA or
- secure areas of the Airport property must be badged for security reasons and are subject to reviews at all times. 3. Badging forms and procedures are available from the BNA/MNAA Security Badging O□ce.
- C. Security Plan 1. The Contractor shall furnish Department of Public Safety a letter outlining the project's security plan. The plan must be approved, and a security inspection conducted prior to the
- 2. The Contractor shall provide on-call personnel, and their emergency phone numbers, 24 hours a day to respond in case of emergencies or security violations. D. The Contractor shall to provide temporary access keys to DPS at the start of the work for emergency access needs only.
- 1.07 SITE SPECIFIC SAFETY PLAN A. Site Specific Safety Plan (SSSP) must be submitted by the GC for acceptance prior to work initiating. Submit to Architect, Owner, Airport Authority, and Tenant Concessions Management. B. SSSP must be completed and written following and complying to all criteria outlined and details on
- MNAA Airport Improvement Request Manual. GC and all necessary supervisors, managers, and subcontractors shall have reviewed/be familiar with the entirety of the manual. C. Critical MNAA Air SSSP elements and requirements to be included in contractor's SSSP:

1. Responsibility /Identification of Key Line Personnel

through positive barriers and dally housekeeping.

2. Hazard/Risk/Exposure Assesment Control Measures 4. Periodic Inspections

issuances of the Notice to Proceed.

6. Compliance 7. Written Progressive Disciplinary Program 8. Hazard Correction

5. Daily Safety Planner

- 9. Training and Instruction 10. Project Site Orientation 1.08 Cleanliness
- 1. All work is to be accomplished with a consistent effort to eliminate unnecessary noise, dust, dirt, water, paint, cement, sprayed materials, smoke, fumes, glare, obstructions, and other 2. The contractor may not unreasonably encumber the premises with unused materials, equipment, or scaffolds. The Terminal Building must be kept fully operational at all times.

3. Work areas and nearby public spaces must be kept clean and free of debris, dust and vapors

4. Any debris that Constitutes a hazard to the operation of the Airport or creates an eyesore must 5. The Contractor is required to take reasonable steps to control dust caused by its construction operations. It's recommended that the Contractor create a Construction Indoor Air Quality Management Plan to promote the wellbeing of workers and building occupants. If the Contractor does not take adequate steps to control dust caused by its construction operations and the

mechanical system is damaged, or it is necessary to replace filters early, the cost for repairs or

replacement filters will be charged to the Contractor. 6. Do not track dust onto the common area floor. The contractor must provide means of cleaning dust from employee's shoes.

01 5000 TEMP FACILITIES & CONTROLS (CONT')

1.09 VEHICULAR ACCESS AND PARKING A. Site Access

- 1. Requirements for haul roads, parking, materials storage, etc. should be noted in the original submittal for approval. BNA/MNAA/Fraport will designate such areas upon final authorization of the project. The Sponsor will be responsible for any damage to pavements, underground utilities, or other improvements caused by the Sponsor's Contractor.
- 2. If the contractor requires access to the Airport through a gate normally closed to the public, security must be provided as directed by MNAA and Fraport . B. Contractor's vehicles within the AOA
- 1. Must display signs of company identification on both sides of the vehicle which identify the vehicle as belonging to the contractor. Firm or contractor's name must appear in letters a minimum of two inches high in contrasting color to sign background or vehicle
- 2. Must follow safety procedures outlined in the MNAA Air Manual and Fraport's Subtenant Design Criteria Manual 3. Must be registered with MNAA Operations to obtain parking passes. These passes are to be returned at the end of the project.
- 1.10 WASTE REMOVAL A. The Contractor shall provide adequate storage for all items awaiting removal from the site and shall observe all requirements for fire prevention and protection of the environment. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- B. Provide containers with lids. Remove trash from site periodically C. If materials to be recycled or re-used on the project must be stored on-site, provide suitable noncombustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.
- D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with
- E. All disposal activity shall conform to federal, state and local laws, ordinances, rules, regulations and pertaining orders.
- 1.11 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS A. Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial
- Completion inspection. B. Clean and repair damage caused by installation or use of temporary work. C. Restore existing facilities used during construction to original condition. D. Restore new permanent facilities used during construction to specified condition.
- 1.12 MATERIAL DELIVERY A. GC is responsible for unloading and transporting materials and hsall provide flagging personnel as necessary for deliveries. GC shall coordinate and obrain approval for equipment mobilization and demobilization as well as placement on the site. No material shall be delivered to, or transported
- B. The Passenger elevators and escalators shall not be used to transport equipment, materials, or tools. Any mateirial transported through public areas or stairways, etc. shall be moved on pneumatic rubber tire trucks using adequate hardboard sheets, or protective cloth, etc. C. Any damage resulting from movement of materials, etc., shall be repaired by contractor responsible.

01 6000 PRODUCT REQUIREMENTS

through, any public area without the express approval of MNAA.

PART 1 GENERAL 1.01 SECTION INCLUDES

2.03 VOC Requirements

insulation, and furniture

meeting those standards or description.

3.02 TRANSPORTATION AND HANDLING

are correct, and products are undamaged.

2.04 MAINTENANCE MATERIALS

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

A. General product requirements. B. Re-use of existing products.

C. Transportation, handling, storage and protection.

- D. Product option requirements. E. Substitution limitations. F. Maintenance materials, including extra materials, spare parts, tools, and software. 1.02 RELATED REQUIREMENTS
- A. Section 01 2500 Substitution Procedures: Substitutions made during procurement and/or construction phases. 1.03 SUBMITTALS A. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement
- manufacturers' standard data to provide information specific to this Project. B. VOC Emissions documentation and testing reports per LEED V4 requirements for Low Emitting Materials ID+C building interior products. C. Shop Drawing Submittals: Prepared specifically for this Project; indicate utility and
- electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances. D. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.

1. For selection from standard finishes, submit samples of the full range of the

- manufacturer's standard colors, textures, and patterns. PART 2 PRODUCTS 2.01 EXISTING PRODUCTS A. Existing materials and equipment indicated to be removed, but not to be re-used,
- relocated, reinstalled, delivered to the Owner, or otherwise indicated as to remain the property of the Owner, become the property of the Contractor; remove from site. 2.02 NEW PRODUCTS A. Provide new products unless specifically required or permitted by the Contract Documents.
- A. Provide the following Low Emitting (Low VOC) material categories required to meet LEED V4 thresholds: Interior paints and coatings applied on site, interior adhesives and sealants applied on site, flooring products, composite wood products, ceiling, wall, thermal and acoustic
- i. low VOC adhesives shall include flooring adhesives and cements. B. GC shall submit all documentation and testing reports verifying VOC content and emissions. 2.03 PRODUCT OPTIONS A. Products Specified by Reference Standards or by Description Only: Use any product
- B. Products Specified by Naming One or More Manufacturers: Use a product of one of the manufacturers named and meeting specifications, no options or substitutions allowed. C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

site storage time and potential damage to stored materials.

F. Comply with manufacturer's warranty conditions, if any.

to prevent condensation and degradation of products.

specified in individual specification sections. B. Deliver to Project site; obtain receipt prior to final payment. PART 3 EXECUTION 3.01 SUBSTITUTION LIMITATIONS A. See Section 01 2500 - Substitution Procedures.

A. Furnish extra materials, spare parts, tools, and software of types and in quantities

A. Package products for shipment in manner to prevent damage; for equipment, package to avoid loss of factory calibration. B. If special precautions are required, attach instructions prominently and legibly on outside of packaging.

C. Coordinate schedule of product delivery to designated prepared areas in order to minimize

D. Transport and handle products in accordance with manufacturer's instructions. E. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas. F. Promptly inspect shipments to ensure that products comply with requirements, quantities

G. Provide equipment and personnel to handle products by methods to prevent soiling,

- disfigurement, or damage, and to minimize handling. 3.03 STORAGE AND PROTECTION
- A. Provide protection of stored materials and products against theft, casualty, or B. Store and protect products in accordance with manufacturers' instructions. C. Store with seals and labels intact and legible.
- favorable to product. E. Protect products from damage or deterioration due to construction operations, weather, precipitation, humidity, temperature, sunlight and ultraviolet light, dirt, dust, and other contaminants.

G. Cover products subject to deterioration with impervious sheet covering. Provide ventilation

D. Store sensitive products in weathertight, climate-controlled enclosures in an environment

disfigurement, or damage. J. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

H. Prevent contact with material that may cause corrosion, discoloration, or staining.

I. Provide equipment and personnel to store products by methods to prevent soiling,

AIRPORT, 1 TERMINAL DR., CONCOURSE C SPACE CD.04

AIRPORT INTERIOR

TENANT RETAIL

FIT-OUT

TIME FOR A

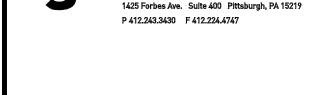
SHINE CD.04

NASHVILLE INT'L

Nashville TN, 37214

CONSULTANT

CONSTRUCTION **DRAWINGS**



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NO. DATE DESCRIPTION **REVISION DATES**

10/20/2022

ORIGINAL ISSUE DATE

SPECIFICATIONS

PROJECT NO.: 22277

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Examination, preparation, and general installation procedures. B. Requirements for alterations work, including selective demolition.

C. Cutting and patching.

D. Cleaning and protection. E. Closeout procedures, including Contractor's Correction Punch List, except payment procedures.

1.02 RELATED REQUIREMENTS A. Section 07 8400 - Firestopping.

1.03 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

B. Cutting and Patching: Submit written request in advance of cutting or alteration that affects: Structural integrity of any element of Project.

Integrity of weather exposed or moisture resistant element. 3. Efficiency, maintenance, or safety of any operational element.

4. Visual qualities of sight exposed elements. 5. Work of Owner or separate Contractor.

1.04 PROJECT CONDITIONS

A. Dust Control: Execute work by methods to minimize raising dust from construction operations. Provide positive means to prevent air-borne dust from dispersing into adjacent areas.

B. Noise Control: Provide methods, means, and facilities to minimize noise produced by construction

operations. 1.05 COORDINATION A. Coordinate scheduling, submittals, and work of the various construction components to ensure an

efficient and orderly sequence of installation of interdependent construction elements. B. Coordinate space requirements, supports, and installation of mechanical and electrical work that are indicated diagrammatically on drawings. Follow routing indicated for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to

maximize accessibility for other installations, for maintenance, and for repairs. C. In finished areas, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.

D. Coordinate completion and clean-up of work of separate sections.

E. After Owner occupancy of premises, coordinate access to site for correction of defective work and work not in accordance with Contract Documents, to minimize disruption of Owner's activities.

PART 2 PRODUCTS 2.01 PATCHING MATERIALS

A. New Materials: As specified in product sections; match existing products and work for patching

B. Type and Quality of Existing Products: Determine by inspecting and testing products where necessary, referring to existing work as a standard.

C. Product Substitution: For any proposed change in materials, submit request for substitution described in Section 01 6000 - Product Requirements.

PART 3 EXECUTION 3.01 EXAMINATION

A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions

B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.

C. Examine and verify specific conditions described in individual specification sections. D. Take field measurements before confirming product orders or beginning fabrication, to minimize

waste due to over-ordering or misfabrication. E. Verify that utility services are available, of the correct characteristics, and in the correct locations.

F. Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

3.02 PREPARATION

A. Clean substrate surfaces prior to applying next material or substance. B. Seal cracks or openings of substrate prior to applying next material or substance.

C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

3.03 LAYING OUT THE WORK A. Promptly notify Architect of any discrepancies discovered.

3.04 GENERAL INSTALLATION REQUIREMENTS

A. Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement. B. Make vertical elements plumb and horizontal elements level, unless otherwise indicated. C. Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal

lines, unless otherwise indicated. D. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.

E. Make neat transitions between different surfaces, maintaining texture and appearance. 3.05 CUTTING AND PATCHING

A. Whenever possible, execute the work by methods that avoid cutting or patching.

B. Perform whatever cutting and patching is necessary to:

Fit products together to integrate with other work.

3. Provide openings for penetration of mechanical, electrical, and other services. 4. Match work that has been cut to adjacent work.

Repair areas adjacent to cuts to required condition. 6. Repair new work damaged by subsequent work.

Remove and replace defective and non-complying work.

C. Execute work by methods that avoid damage to other work and that will provide appropriate surfaces to receive patching and finishing. In existing work, minimize damage and restore to original

D. GC to conduct X-ray/GPR tracing prior to coring the existing slab.

E. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior

F. Restore work with new products in accordance with requirements of Contract Documents. G. Fit work air tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces. H. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids

with fire rated material in accordance with Section 07 8400, to full thickness of the penetrated element. I. Patching:

1. Finish patched surfaces to match finish that existed prior to patching. On continuous surfaces, refinish to nearest intersection or natural break. For an assembly, refinish entire

2. Match color, texture, and appearance.

3. Repair patched surfaces that are damaged, lifted, discolored, or showing other imperfections due to patching work. If defects are due to condition of substrate, repair substrate prior to repairing finish.

3.06 PROGRESS CLEANING A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly

B. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces, prior to enclosing the space. C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to

eliminate dust. D. Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

3.07 PROTECTION OF INSTALLED WORK A. Protect installed work from damage by construction operations.

work area to prevent damage.

B. Provide special protection where specified in individual specification sections. C. Provide temporary and removable protection for installed products. Control activity in immediate

D. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings. E. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.

F. Remove protective coverings when no longer needed; reuse or recycle coverings if possible. 3.08 ADJUSTING A. Adjust operating products and equipment to ensure smooth and unhindered operation.

3.09 FINAL CLEANING A. Use cleaning materials that are nonhazardous. B. Clean interior and exterior glass, surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces.

C. Remove all labels that are not permanent. Do not paint or otherwise cover fire test labels or nameplates on mechanical and electrical equipment. D. Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the

surface and material being cleaned. E. Clean filters of operating equipment. F. Remove waste, surplus materials, trash/rubbish, and construction facilities from the site; dispose

of in legal manner; do not burn or bury. 3.10 CLOSEOUT PROCEDURES A. Make submittals that are required by governing or other authorities.

1. Provide copies to Architect and Owner. B. Accompany Project Coordinator on preliminary inspection to determine items to be listed for completion or correction in the Contractor's Correction Punch List for Contractor's Notice of

Substantial Completion. C. Notify Architect when work is considered ready for Architect's Substantial Completion inspection. 01 7000 - EXECUTION AND CLOSEOUT **REQUIREMENTS**

3.10 CLOSEOUT PROCEDURES (CONT')

D. Submit written certification containing Contractor's Correction Punch List, that Contract Documents have been reviewed, work has been inspected, and that work is complete in accordance with Contract Documents and ready for Architect's Substantial Completion inspection.

E. Conduct Substantial Completion inspection and create Final Correction Punch List containing Architect's and Contractor's comprehensive list of items identified to be completed or corrected and F. Correct items of work listed in Final Correction Punch List and comply with requirements for

access to Owner-occupied areas. G. Notify Architect when work is considered finally complete and ready for Architect's Substantial Completion final inspection. H. Complete items of work determined by Architect listed in executed Certificate of Substantial

J. Electronic copies of as-built drawings are to be submitted to MNAA by GC upon project completion, including any and all related CAD/BIM files.

02 4100 - DEMOLITION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Selective demolition of building elements for alteration purposes. 1.02 RELATED REQUIREMENTS

A. Section 01 1000 - Summary: Limitations on Contractor's use of site and premises. B. Section 01 1000 - Summary: Sequencing and staging requirements.

C. Section 01 5000 - Temporary Facilities and Controls: Security, protective barriers, and waste D. Section 01 7000 - Execution and Closeout Requirements: Project conditions; protection of bench

marks, survey control points, and existing construction to remain; reinstallation of removed products; temporary bracing and shoring. 1.03 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Project Record Documents: Accurately record actual locations of capped and active utilities and subsurface construction.

PART 2 PRODUCTS -- NOT USED

PART 3 EXECUTION 3.01 GENERAL PROCEDURES AND PROJECT CONDITIONS

A. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public. . Obtain required permits.

2. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.

3. Provide, erect, and maintain temporary barriers and security devices. 4. Conduct operations to minimize effects on and interference with adjacent structures

5. Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations.

B. Do not begin removal until receipt of notification to proceed from Owner. C. Protect existing structures and other elements that are not to be removed.

D. Minimize production of dust due to demolition operations.

E. If hazardous materials are discovered during removal operations, stop work and notify Architect and Owner; hazardous materials include regulated asbestos containing materials, lead, PCB's, and mercury. 3.02 EXISTING UTILITIES

A. Protect existing utilities to remain from damage. B. Do not close, shut off, or disrupt existing life safety systems that are in use without at least 7

days prior written notification to Owner. C. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at

least 3 days prior written notification to Owner. D. Remove exposed piping, valves, meters, equipment, supports of disconnected and abandoned utilities. Abandoned utilities shall be removed to point of origin in their intirety unless specifically approved by airport authority and their representatives.

3.03 SELECTIVE DEMOLITION FOR ALTERATIONS A. Drawings showing existing construction and utilities are based on casual field observation and

> . Verify that construction and utility arrangements are as indicated. Report discrepancies to Architect before disturbing existing ins

3. Beginning of demolition work constitutes acceptance of existing conditions that would be apparent upon examination prior to starting demolition.

B. Separate areas in which demolition is being conducted from other areas that are still occupied. 1. Provide, erect, and maintain temporary dustproof partitions of construction specified in Section 01 5000 in locations indicated on drawings.

C. Remove existing work as indicated and as required to accomplish new work. D. Services (Including but not limited to HVAC, Plumbing, Fire Protection, Electrical, and Telecommunications): Remove existing systems and equipment as indicated.

1. Maintain existing active systems that are to remain in operation; maintain access to equipment and operational components. 2. Where existing active systems serve occupied facilities but are to be replaced with

new services, maintain existing systems in service until new systems are complete and ready for service. 3. Verify that abandoned services serve only abandoned facilities before removal. 4. Remove abandoned pipe, ducts, conduits, and equipment, including those above

accessible ceilings; remove back to source of supply where possible, otherwise cap stub and tag with identification. E. Protect existing work to remain.

1. Prevent movement of structure; provide shoring and bracing if necessary. 2. Perform cutting to accomplish removals neatly and as specified for cutting new work. 3. Repair adjacent construction and finishes damaged during removal work.

4. Patch as specified for patching new work. 5. Existing-to-remain wiring shall be neatly bundled and properly supported. 3.04 DEBRIS AND WASTE REMOVAL

A. Remove debris, junk, and trash from site. B. Leave site in clean condition, ready for subsequent work. C. Clean up spillage and wind-blown debris from public and private lands.

03 3511 - CONCRETE FLOOR FINISHES

PART 1 GENERAL 1.01 SECTION INCLUDES

2.01 COATINGS

A. Surface treatments for concrete floors and slabs.

A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Product Data: Manufacturer's published data on each finishing product, including information on compatibility of different products and limitations. C. Maintenance Data: Provide data on maintenance and renewal of applied finishes.

1.03 DELIVERY, STORAGE, AND HANDLING A. Deliver materials in manufacturer's sealed packaging, including application instructions. PART 2 PRODUCTS

A. Low Gloss Clear Coating: Transparent, non-yellowing, water-based coating. Composition: Acrylic polymer-based. . Nonvolatile Content: 25 percent, minimum, when measured by volume.

a. Concrete Sealers USA; TS202: www.concretesealersusa.com/#sle. b. Substitutions: See Section 01 6000 - Product Requirements. 2.02 VOC Requirements

A. Coatings used and applied on-site must comply with LEED V4 Low Emitting threshold requirements for Interior Paints and Coatings Applied on Site. PART 3 EXECUTION 3.01 EXAMINATION

A. Verify that floor surfaces are acceptable to receive the work of this section. B. Verify that flaws in concrete have been patched and joints filled with methods and materials suitable for further finishes. 3.02 GENERAL

A. Apply materials in accordance with manufacturer's instructions. 3.03 COATING APPLICATION A. Verify that surface is free of previous coatings, sealers, curing compounds, water repellents, laitance,

efflorescence, fats, oils, grease, wax, soluble salts, residues from cleaning agents, and other

impediments to adhesion. B. Protect adjacent non-coated areas from drips, overflow, and overspray; immediately remove excess

05 7000 - DECORATIVE METAL

PART 1 GENERAL

1.01 SECTION INCLUDES A. Decorative trim, metal wall cladding, and metal wall paneling.

A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Product Data: Submit manufacturer's product data including description of materials, components,

finishes, fabrication details, anchors, and accessories. C. Shop Drawings: Indicate railing system elevations and sections, details of profile, dimensions, sizes,

connection attachments, anchorage, size and type of fasteners, and accessories. Indicate anchor and joint locations, brazed connections, transitions, and terminations D. Maintenance Data: Manufacturer's instructions for care and cleaning.

E. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.03 QUALITY ASSURANCE A. Installer Qualifications: Company specializing in installing decorative metal systems and acceptable

to manufacturer. 1.04 DELIVERY, STORAGE, AND HANDLING A. Deliver materials in factory provided protective coverings and packaging.

C. Inspect materials upon delivery for damage. Repair damage to be indistinguishable from undamaged areas; if damage cannot be repaired to be indistinguishable from undamaged parts and finishes, replace damaged items.

B. Protect materials against damage during transit, delivery, storage, and installation at site.

D. Prior to installation, store materials and components under cover, in a dry location. 1.05 WARRANTY A. Warranty: Manufacturer's standard one year warranty against defects in materials, fabrication,

finishes, and installation commencing on Date of Substantial Completion.

PART 2 PRODUCTS 2.01 MANUFACTURERS

A. Decorative Metal Trim: Custom by GC / GC's fabricator. Shall match [Zahner "Blackened Metal"] . Stainless Steel paneling custom by GC / GC's fabricator; 16ga min., brushed #6 finish.

B. Corrugated metal paneling: 1. BridgerSteel "Platte River Panel System", 29 gauge Light Blue; manufacturer's trims 2.02 MATERIALS A. Stainless Steel Components

products, trims, and sheets. 2.03 VOC Requirements A. All adhesives and sealants used for decorative metal must comply with LEED V4 Low Emitting

1. Custom by GC / GC's fabricator. Similar or equal to Elite Expressions, LLC Stainless steel

Materials threshold for Interior Adhesives and Sealants Applied on Site. PART 3 EXECUTION 3.01 EXAMINATION

A. Verify that substrate and site conditions are acceptable and ready to receive work. B. Verify field dimensions of locations and areas to receive work. C. Notify Architect immediately of conditions that would prevent satisfactory installation.

D. Do not proceed with work until detrimental conditions have been corrected.

E. Furnish components to be installed in other work to installer of that other work, including but not limited to blocking, sleeves, inserts, anchor bolts, embedded plates and supports for attachment of anchors. 3.02 PREPARATION

A. Review installation drawings before beginning installation. Coordinate diagrams, templates, instructions and directions for installation of anchorages and fasteners. B. Clean surfaces to receive units. Remove materials and substances detrimental to the installation. .03 INSTALLATION

A. Comply with manufacturer's drawings and written instructions. B. Install components plumb and level, accurately fitted, free from distortion or defects and with tight joints, except where necessary for expansion.

D. Conceal all fasteners. E. Isolate dissimilar materials with grommets or washers to prevent electrolytic corrosion. 3.04 TOLERANCES

A. Maximum Variation From Plumb: 1/16 inch per floor level, non-cumulative. B. Maximum Offset From True Alignment: 1/16 inch. C. Maximum Out-of-Position: 1/16 inch.

3.06 PROTECTION

C. Anchor securely to structure.

3.05 CLEANING A. Remove protective film from exposed metal surfaces. B. Metal: Clean exposed metal finishes with potable water and mild detergent, in accordance with manufacturer recommendations; do not use abrasive materials or chemicals, detergents or other

substances that may damage the material or finish. 3.06 PROTECTION . Protect installed components and finishes from damage after installation. B. Repair damage to exposed finishes to be indistinguishable from undamaged areas.

1. If damage to finishes and components cannot be repaired to be indistinguishable from undamaged finishes and components, replace damaged items. 3.03 INSTALLATION A. Comply with manufacturer's drawings and written instructions. B. Install components plumb and level, accurately fitted, free from distortion or defects and with tight

joints, except where necessary for expansion. C. Anchor securely to structure. D. Conceal all fasteners.

substances that may damage the material or finish.

E. Isolate dissimilar materials with grommets or washers to prevent electrolytic corrosion. 3.04 TOLERANCES A. Maximum Variation From Plumb: 1/16 inch per floor level, non-cumulative. B. Maximum Offset From True Alignment: 1/16 inch.

A. Protect installed components and finishes from damage after installation.

undamaged finishes and components, replace damaged items.

B. Repair damage to exposed finishes to be indistinguishable from undamaged areas.

C. Maximum Out-of-Position: 1/16 inch. 3.05 CLEANING A. Remove protective film from exposed metal surfaces. B. Metal: Clean exposed metal finishes with potable water and mild detergent, in accordance with manufacturer recommendations; do not use abrasive materials or chemicals, detergents or other

1. If damage to finishes and components cannot be repaired to be indistinguishable from

06 2000 - FINISH CARPENTRY

PART 1 GENERAL

1.01 SECTION INCLUDES A. Finish carpentry items.

1.02 RELATED REQUIREMENTS

A. Section 06 3800: Composite Paneling B. Section 06 4100 - Architectural Wood Casework: Shop fabricated custom cabinetry.

1.03 REFERENCE STANDARDS A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials;

B. PS 1 - Structural Plywood; 2009.

C. PS 20 - American Softwood Lumber Standard; 2015. 1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures. B. Product Data:

1. Provide data on fire retardant treatment materials and application instructions. C. Supporting Documentation: Provide documentation and record of all fire-rated wood products utilized for all built-in applications. Provide documentation and record of all built-in wood products that have been shop/site treated for fire resistance (outside of factory-applied treatment) in

accordance with all applicable airport and code requirements. 1.05 DELIVERY, STORAGE, AND HANDLING

A. Protect work from moisture damage. PART 2 PRODUCTS

2.01 FINISH CARPENTRY ITEMS

A. Interior Woodwork Items: Interior and storefront soffit accent trims

Millwork trims and shrouds 2.02 WOOD-BASED COMPONENTS

B. Provide identification on fire retardant treated material.

A. Wood fabricated from old growth timber is not permitted. 2.03 LUMBER MATERIALS A. Softwood Lumber: any species, plain sawn, maximum moisture content of 6 percent.

1. Grading: In accordance with rules certified by ALSC; www.alsc.org. 2. Lumber fabricated from old growth timber is not permitted. 2.04 SHEET MATERIALS

A. Softwood Plywood, Not Exposed to View: Any face species, medium density fiberboard core; PS 1 Grade A- B, glue type as recommended for application. 2.05 ACCESSORIES A. Dimension Lumber: Comply with PS 20 and requirements of specified grading agencies.

1. Species: Douglas Fir-Larch, unless otherwise indicated. B. Lumber for Shimming and Blocking: Softwood lumber of Douglas Fir-Larch species. C. Metal and Finish: [hardened] steel

2.06 WOOD TREATMENT A. Fire Retardant Treatment (FR-S Type): Chemically treated and pressure impregnated; capable of providing flame spread index of 25, maximum, and smoke developed index of 450, maximum, when tested in accordance with ASTM E84.

2.07 FABRICATION A. Shop assemble work for delivery to site, permitting passage through building openings. B. When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide trim for scribing and site cutting.

A. Materials, wood products, coatings, and ahesives installed on site for finish carpentry must meet LEED V4 Low Emitting Materials categories for Interior Paints and Coatings Applied on Site, Interior Adhesives And Sealants Applied on Site, and Composite Wood. B. All materials and aproducts for finish carpentry produced and fabricated off-site must show documentation and proof that off-gassing period has been met outside of the site. If off-gassing

period for entire assembly has not been met, GC shall submit low VOC data for all elements

(veneer, wood, adhesives, etc.) that constitute the assembly. PART 3 EXECUTION

2.08 VOC Requirements

3.01 EXAMINATION A. Verify adequacy of backing and support framing.

3.02 INSTALLATION A. Set and secure materials and components in place, plumb and level.

B. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim to conceal larger gaps. 3.03 TOLERANCES

A. Maximum Variation from True Position: 1/16 inch. B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

06 4100-ARCHITECTURAL WOOD CASEWORK

PART 1 GENERAL

1.01 SECTION INCLUDES A. Custom fabricated base and wall cabinetry B. Custom fabricated countertops and countertop waterfalls/returns

1.02 REFERENCE STANDARDS A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014, with Errata (2016). B. AWI (QCP) - Quality Certification Program; current edition at www.awiqcp.org. C. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.1;

A. Preinstallation Meeting: Convene a preinstallation meeting not less than one week before

2016, with Errata (2017). D. UL (DIR) - Online Certifications Directory; Current Edition. 1.03 ADMINISTRATIVE REQUIREMENTS

starting work of this section; require attendance by all affected installers. 1.04 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, and

that have been shop/site treated for fire resistance (outside of factory-applied treatment) in accordance with all applicable airport and code requirements. 1.05 OUALITY ASSURANCE A. Fabricator Qualifications, cabinetry and countertops: Company specializing in fabricating the

products specified in this section with minimum five years of documented experience.

C. Supporting Documentation: Provide documentation and record of all fire-rated wood products

utilized for all built-in applications. Provide documentation and record of all built-in wood products

1. Accredited participant in the specified certification program prior to the commencement of fabrication and throughout the duration of the project. B. Quality Certification, cabinetry and countertop units: 1. Comply with AWI (QCP) woodwork association quality certification service/program in accordance with requirements for work specified in this section: www.awiqcp.org/#sle.

AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade or grades specified. 3. Provide designated labels on shop drawings as required by certification program. 4. Provide designated labels on installed products as required by certification program. 5. Submit certifications upon completion of installation that verifies this work is in

2. Provide labels or certificates indicating that the installed work complies with

compliance with specified requirements. 6. Replace, repair, or rework all work for which certification is refused. 1.06 DELIVERY, STORAGE, AND HANDLING A. Protect units from moisture and construction/traffic damage.

C. Substitutions: See Section 01 6000 - Product Requirements.

B. Fasteners: Size and type to suit application.

PART 2 PRODUCTS

drawings and details.

2.04 ACCESSORIES

E. Stainless steel sheet

2.06 FABRICATION

2.01 MANUFACTURERS A. Cabinetry laminates and finishes: as specified in finish schedule, legends, and architectural drawings B. Countertop surfaces and substrates: as specified in finish schedule, legends, and architectural

A. Adhesive: Type recommended by fabricator to suit application; must be low-voc adhesives

2.02 SEATING UNITS (Not used) 2.03 WOOD-BASED COMPONENTS A. Wood fabricated from old growth timber is not permitted.

C. Bolts, Nuts, Washers, Lags, Pins, and Screws: Of size and type to suit application; galvanized or chrome-plated finish in concealed locations and stainless steel or chrome-plated finish in exposed D. Concealed Joint Fasteners: Threaded steel.

A. Sand work smooth and set exposed nails and screws.

surfaces and of types recommended for applied finishes.

2.05 SHOP TREATMENT OF WOOD MATERIALS A. Provide UL (DIR) listed and approved identification on fire retardant treated material; third-party testing of ASTM-E84 class A preferred, Class B minimum. B. Deliver fire retardant treated materials cut to required sizes. Minimize field cutting.

A. Assembly: Shop assemble units for delivery to site in units easily handled and to permit passage through building openings. B. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide matching trim for scribing and site cutting. 2.07 SHOP FINISHING

B. On items to receive transparent finishes, use wood filler matching or blending with surrounding

06 4100-ARCHITECTURAL WOOD CASEWORK (CONT')

2.08 VOC Requirements

PART 3 EXECUTION

3.03 ADJUSTING

3.04 CLEANING

B. A. Clean casework

A. Adjust installed work.

A. Materials, wood products, coatings, and ahesives installed on site for casework must meet LEED V4 Low Emitting Materials categories for *Interior Paints and Coatings Applied on Site, Interior*

Adhesives And Sealants Applied on Site, and Composite Wood. B. All materials and aproducts for casework produced and fabricated off-site must show documentation and proof that off-gassing period has been met at off-site facility. If off-gassing period for entire assembly and its elements has not been met, GC shall submit compliant low VOC data for all elements (veneer, wood, adhesives, etc.) that constitute the assembly.

AIRPORT, 1 TERMINAL 3.01 EXAMINATION A. Verify adequacy of backing and support framing. DR., CONCOURSE C 3.02 INSTALLATION A. Set and secure custom casework in place, assuring that they are rigid, plumb, and level.

> SPACE CD.04 Nashville TN, 37214

> > CONSULTANT

AIRPORT INTERIOR

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SPECIFICATIONS

PROJECT NO.: 22277

PART 1 GENERAL 1.01 SECTION INCLUDES 1.02 REFERENCE STANDARDS and Electrical Insulating Materials. components. 1.04 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittals procedures. B. Product Data: Submit product data including manufacturer's technical information indicating product performance characteristics, performance and limitation criteria. C. Manufacturer's Qualification Statement. D. Applicator Qualifications: Submit applicators current certification as a manufacturer trained and approved applicator. 1.05 OUALITY ASSURANCE A. Manufacturer Qualifications: Company specializing in manufacturing products listed in this section with a minimum of ten (10) years documented experience. B. Applicator Qualifications: Company specializing in applying the work of this section with a minimum of three (3) years documented experience and certified by the manufacturer. PART 2 PRODUCTS 2.01 MANUFACTURERS A. Firestopping Manufacturers: 1. ISOLATEK International: http://www.cafco.com/intumescent-coatings/. 2. CONTEGO Internationa: https://contegointernational.com/products/. 3. International Protective Coatings: https://www.international-pc.com/. 4. Substitutions: See Section 01 6000 - Product Requirements. 2.03 MATERIALS A. Primer coating shall be approved by the intumescent fireproofing manufacturer and applied in accordance with the primer manufacturers documented instructions. B. Intumescent fireproofing: Plural component, 100 percent solids, zero VOC material conforming to the following requirements: 1.Bond Strength - ISO 4624, min.: 1440 psi. 2. Tensile Strength - ASTM D 638, min.: 1640 psi. 3.Compressive Strength - ASTM D 695, min.: 1500 psi. 4.Flexural Strength - ASTM D 790, min.: 1400 psi. 5. Duromenter Hardness - ASTM D 2240, min.: 60 Shore D. 6. Surface Burning Characteristics, ASTM E 84: Class A rating. 7. Moisture Absorbance - ISO 2812-2: Less than 1 percent water uptake. 8. Chemical Resistance - ISO 2812-1: Pass. 9. Corrosion Resistance - ISO 12944: C5 rating. 10.Blast Resistance - BRE/FRS, min.: 4 bar overpressure. C. Structural Steel Columns: 1. Fire Resistance Rating: 2 hours F. Structural Steel Beams: 1. Fire Resistance Rating: 2 hours. 2.04 VOC Requirements A. Materials and associated solvents installed on site must meet LEED V4 Low Emitting Materials categories for Interior Paints and Coatings Applied on Site, and Interior Adhesives And Sealants Applied on Site. GC to submit proof of VOC contect and testing. PART 3 EXECUTION 3.01 EXAMINATION A. All surfaces to receive intumescent fireproofing material must be clean, dry and free of oil, grease, loose mill scale, dirt, dust or other foreign substances which would impair bond of the intumescent fireproofing material to the substrate. B. Where necessary, cleaning or other corrections of the surfaces to receive the intumescent fireproofing are the responsibility of the installer of the incompatible substrate. C. Do not commence application of the intumescent fireproofing until the contractor, applicator and inspector have examined the surfaces to receive the intumescent fireproofing and determined the surfaces are acceptable to receive the intumescent fireproofing material. Commencement of application is acceptance of substrate. D. Verify that substrate and workspace temperature and humidity conditions are in accordance with requirements of this section. E. Verify that all clip hangers, piping, ducts, equipment or other items which would interfere with the application of fireproofing are not positioned or installed until fireproofing application is complete. A. Provide masking, drop cloths or other suitable coverings to prevent overspray onto surfaces not intended to be affected—by Work in this section B. Clean substrate free of dust, dirt, grease or other foreign substances that would impair with the bond of the intumescent fireproofing material. C. Comply with Commercial Blast Cleaning in accordance with SSPC SP-6 for minimum surface D. Grind smooth all weld spatter and defects prior to commencement of fireproofing application. A. Equipment and application procedures must conform to the intumescent fireproofing manufacturer's application instructions. Apply fireproofing material at the required dry film thickness in accordance with the appropriate UL design listing. B. Apply approved primer to properly cleaned substrate in accordance with manufacturer's application instructions. Provide primer cut back areas a minimum three (3) inches (76mm) from bolted connections and minimum twelve (12) inches (305mm) from welded connections. C. Primer applied at the steel fabricators shop must be in accordance with the provisions of Section D. Apply intumescent fireproofing material only to primed surfaces in accordance with manufacturer's application instructions 3.04 CLEANING A. Upon completion of installation, all excess material, overspray and debris must be cleared and removed from the job site. B. Remove intumescent fireproofing materials from surfaces not required to be fireproofed. C. All patching and repair to intumescent fireproofing material, due to damage by other trades, will be performed under this section and paid for by the trade responsible for the damage. Patching must be performed by applicators certified by the intumescent fireproofing manufacturer and applied in accordance with the manufacturer's application instructions. 07 8400 - FIRESTOPPING PART 1 GENERAL 1.01 SECTION INCLUDES A. Firestopping systems. B. Firestopping of all joints and penetrations in fire resistance rated and smoke resistant assemblies, whether indicated on drawings or not, and other openings indicated. 1.02 REFERENCE STANDARDS A. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials; 2018c. B. ASTM E814 - Standard Test Method for Fire Tests of Penetration Firestop Systems; 2013a (Reapproved 2017).

07 8100 - APPLIED FIREPROOFING A. Sprayed-Applied Fire-Resistive Materials (SFRMs). A. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics. B. ASTM D 695 - Standard Test Method for Compressive Properties of Rigid Plastics. C. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics D. ASTM D 2240 - Standard Test Method for Rubber Property - Durometer Hardness. E. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials. 1.03 ADMINISTRATIVE REQUIREMENTS A. Coordinate with placement of ceiling hanger tabs, mechanical component hangers, and electrical

07 8400 - FIRESTOPPING (CONT') 2.02 MATERIALS A. Firestopping Materials: Any materials meeting requirements. B. Volatile Organic Compound (VOC) Content: Provide products having VOC content lower than that required by SCAQMD 1168. C. Primers, Sleeves, Forms, Insulation, Packing, Stuffing, and Accessories: Provide type of materials as required for tested firestopping assembly. 2.03 FIRESTOPPING ASSEMBLY REOUIREMENTS

fire resistance F Rating equal to required fire rating of penetrated assembly.

1. Uninsulated Metallic Pipe, Conduit, and Tubing:

2.05 FIRESTOPPING PENETRATIONS THROUGH CONCRETE AND CONCRETE MASONRY

a. 2 Hour Construction: UL System C-AJ-0015; Specified Technologies Inc. SSM

b. 2 Hour Construction: UL System C-AJ-0136; Specified Technologies Inc. SSM

a. 2 Hour Construction: UL System C-AJ-1090; Specified Technologies Inc. SSP

b. 2 Hour Construction: UL System C-AJ-1198; Specified Technologies Inc. SIL

c. 2 Hour Construction: UL System C-AJ-1226; Hilti FS-ONE MAX Intumescent

b. 2 Hour Construction: UL System W-J-7109; Hilti FS-ONE MAX Intumescent

a. 2 Hour Construction: UL System W-L-1033; Specified Technologies Inc. SIL

a. 2 Hour Construction: UL System W-L-5014; Specified Technologies Inc. SSS

category threshold for Interior Paints and Coatings Applied on Site, and Interior Adhesives And

A. Clean substrate surfaces of dirt, dust, grease, oil, loose material, or other materials that could

A. Install materials in manner described in fire test report and in accordance with manufacturer's

B. Do not cover installed firestopping until inspected by authorities having jurisdiction.

Firestop Sealant or CP 606 Flexible Firestop Sealant.

2.06 FIRESTOPPING PENETRATIONS THROUGH GYPSUM BOARD WALLS

Sealants Applied on Site. GC to submit proof of VOC contect and testing.

1. Uninsulated Metallic Pipe, Conduit, and Tubing:

Intumescent Firestop Sealant.

A. Verify openings are ready to receive the work of this section.

B. Remove incompatible materials that could adversely affect bond.

B. A. Protect adjacent surfaces from damage by material installation

1. Thin-set ceramic tile and stone tile.

(Using 2-in. or (50-mm) Cube Specimens); 2016a.

B. Removal of existing floor coverings.

A. Concrete and Concrete Masonry Walls and Floors:

1. Floor to Floor Joints:

1. In Floors or Walls:

mortar.

B. Penetrations Through Floors or Walls By:

C. Penetrations Through Walls By:

A. Penetrations By:

Firestop Putty.

silicone sealant.

Firestop Sealant.

1. HVAC Ducts, Uninsulated:

silicone sealant.

A. Firestopping: Any material meeting requirements.

2. Insulated Pipes:

specified requirements.

adversely affect bond of firestopping material.

A. Clean adjacent surfaces of firestopping materials.

instructions, completely closing openings.

2.07 FIRESTOPPING SYSTEMS

2.08 VOC Requirements

PART 3 EXECUTION

3.01 EXAMINATION

3.02 PREPARATION

3.03 INSTALLATION

3.04 CLEANING

3.05 PROTECTION

PART 1 GENERAL

1.01 SECTION INCLUDES

D. Patching compound.

E. Remedial floor coatings.

Concrete; 1999 (Reapproved 2014).

1.02 REFERENCE STANDARDS

of floor coverings:

PART 2 PRODUCTS

2.01 MATERIALS

Sealant Gun-Grade.

HVAC Firestop Angle.

CONSTRUCTION

A. Blank Openings:

09 2116 - GYPSUM BOARD ASSEMBLIES PART 1 GENERAL 1.01 SECTION INCLUDES A. Performance criteria for gypsum board assemblies. B. Metal stud wall framing C. Metal channel ceiling framing. D. Acoustic insulation. E. Gypsum wallboard. A. Through Penetration Firestopping: Use system that has been tested according to ASTM E814 to have F. Joint treatment and accessories 1.02 RELATED REQUIREMENTS 2.04 FIRESTOPPING FOR FLOOR-TO-FLOOR, WALL-TO-FLOOR, AND WALL-TO-WALL JOINTS A. Section 081213- Hollow Metal DoFrames 1.03 REFERENCE STANDARDS A. ASTM C475/C475M - Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum a. 2 Hour Construction: UL System FF-D-1085; Tremco, TREMstop Acrylic Firestop B. ASTM C645 - Standard Specification for Nonstructural Steel Framing Members; 2014, with Editorial Revision (2015). C. ASTM C754 - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products; 2017. D. ASTM C840 - Standard Specification for Application and Finishing of Gypsum Board; 2018a. E. ASTM C954 - Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs From 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness; F. ASTM C1047 - Standard Specification for AcceAssories For Gypsum Wallboard and Gypsum Veneer Base; 2014a. G. ASTM C1396/C1396M - Standard Specification for Gypsum Board; 2017. H. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2009 (Reapproved 2016). I. ASTM E413 - Classification for Rating Sound Insulation; 2016. J. GA-216 - Application and Finishing of Gypsum Panel Products; 2016. K. GA-226 - Application of Gypsum Board to Form Curved Surfaces; Gypsum Association; 2016. 1.04 SUBMITTALS d. 2 Hour Construction: UL System C-AJ-1425; Hilti CFS-S SIL GG Firestop Silicone A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Product Data: Provide data on metal framing, gypsum board, accessories, and joint finishing system. C. Product Data: Provide manufacturer's data on partition head to structure connectors, showing compliance with requirements. a. 2 Hour Construction: UL System W-J-7092; Specified Technologies Inc. FyreFlange 1.05 OUALITY ASSURANCE A. Installer Qualifications: Company specializing in performing gypsum board installation and finishing, with minimum five years of experience. PART 2 PRODUCTS 2.01 GYPSUM BOARD ASSEMBLIES A. Provide completed assemblies complying with ASTM C840 and GA-216. B. Interior Partitions: Provide completed assemblies with the following characteristics: 2.02 METAL FRAMING MATERIALS A. Manufacturers - Metal Framing, Connectors, and Accessories: ClarkDietrich Building Systems: www.clarkdietrich.com/#sle. Jaimes Industries: www.jaimesind.com/#sle. Marino: www.marinoware.com/#sle. B. Non-Loadbearing Framing System Components: ASTM C645; galvanized sheet steel, of size and properties necessary to comply with ASTM C754 for the spacing indicated, with maximum deflection of wall 1. Fire Ratings: Use system that is listed by FM (AG), ITS (DIR), or UL (FRD) and tested in framing of L/120 at 5 psf. accordance with ASTM E814, ASTM E119, or UL 1479 with F Rating equal to fire rating of . Studs: "C" shaped with flat or formed webs with knurled faces. penetrated assembly and minimum T Rating Equal to F Rating and in compliance with other . Runners: U shaped, sized to match studs. 3. Ceiling Channels: C-shaped. C. Partition Head To Structure Connections: Provide track fastened to structure with legs of sufficient A. Materials and all associated ahesives installed on site must meet LEED V4 Low Emitting Materials length to accommodate deflection, for friction fit of studs cut short and fastened as indicated on drawings. 2.03 BOARD MATERIALS A. Manufacturers - Gypsum-Based Board: . American Gypsum Company: www.americangypsum.com/#sle. .. CertainTeed Corporation: www.certainteed.com/#sle. 3. Continental Building Products: www.continental-bp.com/#sle. 4. Georgia-Pacific Gypsum: www.qpgypsum.com/#sle. 5. National Gypsum Company: www.nationalgypsum.com/#sle. 6. PABCO Gypsum: www.pabcogypsum.com/#sle. 7. USG Corporation: www.usg.com/#sle. B. Gypsum Wallboard: Paper-faced gypsum panels as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut. Application: Use for vertical surfaces and ceilings, unless otherwise indicated. 2. At Assemblies Indicated with Fire-Rating: Use type required by indicated tested assembly; if no tested assembly is indicated, use Type X board, UL or WH listed. Thickness: a. Vertical Surfaces: 5/8 inch. b. Ceilings: 1/2 inch. 4. Paper-Faced Products: 2.04 GYPSUM WALLBOARD ACCESSORIES A. Acoustic Sealant: Acrylic emulsion latex or water-based elastomeric sealant; do not use solvent-based non-curing butyl sealant. B. Beads, Joint Accessories, and Other Trim: ASTM C1047, rigid plastic, galvanized steel, or rolled zinc, unless noted otherwise. 1. Corner Beads: Low profile, for 90 degree outside corners. C. Joint Materials: ASTM C475/C475M and as recommended by gypsum board manufacturer for project 1. Fiberglass Tape: 2 inch wide, coated glass fiber tape for joints and corners, except as A. This section applies to floors identified in contract documents that are receiving the following types otherwise indicated. 2. Joint Compound: Setting type, field-mixed. D. Screws for Fastening of Gypsum Panel Products to Steel Members from 0.033 to 0.112 inch in Thickness: ASTM C954; steel drill screws, corrosion resistant. 2.03 VOC Requirements A. All materials, adhesives, and associated sealants and coatings must comply with LEED V4 Low Emitting threshold category requirements for Interior Paints and Coatings Applied on Site, Interior Adhesives and Sealants Applied on Site, and Ceilings, Walls, Thermal and Acoustic Insulation. GC to provide VOC content A. ASTM C109/C109M - Standard Test Method for Compressive Strength of Hydraulic Cement Mortars

09 0561 - COMMON WORK RESULTS FOR FLOOR PREP

2. Preparation of new and existing concrete floor slabs for installation of floor coverings.

B. ASTM C472 - Standard Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum

A. Patching Compound: Floor covering manufacturer's recommended product, suitable for conditions,

and compatible with adhesive and floor covering. In the absence of any recommendation from flooring manufacturer, provide a product with the following characteristics: Cementitious moisture-, mildew-, and alkali-resistant compound, compatible with floor, floor covering, and floor covering adhesive, and capable of being feathered to nothing at edges. 2. Compressive Strength: 3000 psi, minimum, after 28 days, when tested in accordance with ASTM C109/C109M or ASTM C472, whichever is appropriate. a. ARDEX Engineered Cements; ARDEX Feather Finish: www.ardexamericas.com/#sle. b. Substitutions: See Section 01 6000 - Product Requirements. 2.02 VOC Requirements A. Coatings used and applied on-site must comply with LEED V4 Low Emitting threshold requirements for Interior Paints and Coatings Applied on Site. PART 3 EXECUTION 3.01 CONCRETE SLAB PREPARATION A. Perform following operations in the order indicated: 1. Existing concrete slabs (elevated) with existing floor coverings: a. Removal of existing floor covering. 2. Preliminary cleaning. Specified remediation, if required. 4. surface preparation using enclosed shot blasting or similar techniques. 5. Patching, smoothing, and leveling, as required. 5. Other preparation specified. 7. Protection. B. Remediations: 1. Excessive Alkalinity (pH): If remedial floor coating is necessary to address excessive moisture, no additional remediation is required; if not, if an adhesive that is resistant to the

level present is available and acceptable to the flooring manufacturer, use that adhesive for installation of the flooring; otherwise, apply a skim coat of specified patching compound over entire suspect floor area. A. Dispose of removed materials in accordance with local, State, and federal regulations and as

3.02 REMOVAL OF EXISTING FLOOR COVERINGS specified.

2. D. Do not fill expansion joints, isolation joints, or other moving joints.

3.03 PRELIMINARY CLEANING A. Clean floors of dust, solvents, paint, wax, oil, grease, asphalt, residual adhesive, adhesive removers, film-forming curing compounds, sealing compounds, alkaline salts, excessive laitance, mold, mildew, and other materials that might prevent adhesive bond.

B. Do not use solvents or other chemicals for cleaning. 3.04 PREPARATION A. See individual floor covering section(s) for additional requirements. B. Comply with requirements and recommendations of floor covering manufacturer. C. Fill and smooth surface cracks, grooves, depressions, control joints and other non-moving joints, and other irregularities with patching compound.

2. Partitions Terminating at Ceiling: Attach ceiling runner securely to ceiling track in accordance with manufacturer's instructions. 3. Partitions Terminating at Structure: Attach extended leg top runner to structure, maintain clearance between top of studs and structure, and brace both flanges of studs with continuous 3.03 ACOUSTIC ACCESSORIES INSTALLATION A. Acoustic Insulation: Place tightly within spaces, around cut openings, behind and around electrical and mechanical items within partitions, and tight to items passing through partitions. B. Acoustic Sealant: Install in accordance with manufacturer's instructions. 3.04 BOARD INSTALLATION A. Comply with ASTM C840, GA-216, and manufacturer's instructions. Install to minimize butt end joints, especially in highly visible locations. B. Single-Layer Non-Rated: Install gypsum board in most economical direction, with ends and edges occurring over firm bearing. C. Installation on Metal Framing: Use screws for attachment of gypsum board. D. Curved Surfaces: Apply gypsum board to curved substrates in accordance with GA-226. 3.05 INSTALLATION OF TRIM AND ACCESSORIES A. Control Joints: Place control joints consistent with lines of building spaces and as indicated. 1. Not more than 30 feet apart on walls and ceilings over 50 feet long. B. Corner Beads: Install at external corners, using longest practical lengths.

A. Verify that project conditions are appropriate for work of this section to commence.

B. Suspended Ceilings and Soffits: Space framing and furring members as indicated.

A. Metal Framing: Install in accordance with ASTM C754 and manufacturer's instructions.

Extend partition framing to structure where indicated and to ceiling in other locations.

and testing documentation.

3.02 FRAMING INSTALLATION

C. Studs: Space studs at 16 inches on center.

PART 3 EXECUTION

3.01 EXAMINATION

3.06 JOINT TREATMENT A. Paper Faced Gypsum Board: Use paper joint tape, embed with drying type joint compound and finish with drying type joint compound. B. Finish gypsum board in accordance with levels defined in ASTM C840, as follows: 1. Level 4: Walls and ceilings to receive paint finish or wall coverings, unless otherwise

C. Edge Trim: Install at locations where gypsum board abuts dissimilar materials.

2. Level 1: Fire rated wall areas above finished ceilings, whether or not accessible in the

completed construction. C. Tape, fill, and sand exposed joints, edges, and corners to produce smooth surface ready to receive

. Feather coats of joint compound so that camber is maximum 1/32 inch. 3.07 TOLERANCES D. A. Maximum Variation of Finished Gypsum Board Surface from True Flatness: 1/8 inch in 10 feet in any direction

AIRPORT INTERIOR **TENANT RETAIL** FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

> > CONSULTANT

CONSTRUCTION **DRAWINGS**



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BID SET NOT FOR CONSTRUCTION

	NO.	DATE	DESCRIPTION
		RE	VISION DATES
			10/20/2022
		ORIG	INAL ISSUE DATE

PROJECT NO.: 22277

DRAWN BY: JP

SPECIFICATIONS

2.07 VOC Requirements

3.02 PREPARATION A. Protect surrounding work from damage.

3.03 INSTALLATION - GENERAL

A108.1a through ANSI A108.13, manufacturer's instructions, and TCNA (HB) recommendations. B. Lay tile to pattern indicated. Do not interrupt tile pattern through openings. C. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Alian floor joints. D. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make grout joints

without voids, cracks, excess mortar or excess grout, or too little grout. E. Install non-ceramic trim in accordance with manufacturer's instructions. F. Sound tile after setting. Replace hollow sounding units. G. Keep control and expansion joints free of mortar, grout, and adhesive.

H. Prior to grouting, allow installation to completely cure; minimum of 48 hours. I. Grout tile joints. Use standard grout unless otherwise indicated.

J. At changes in plane and tile-to-tile control joints, use tile sealant instead of grout, with either bond breaker tape or backer rod as appropriate to prevent three-sided bonding. 3.04 INSTALLATION - FLOORS - THIN-SET METHODS A. Over interior concrete substrates, install in accordance with TCNA (HB) Method F113, dry-set or latex-

Portland cement bond coat, with standard grout, unless otherwise indicated. 1. Use uncoupling membrane under all tile unless other underlayment is indicated. 2. Where waterproofing membrane is indicated, install in accordance with TCNA (HB) Method

F122, with latex-Portland cement grout. 3.05 CLEANING

A. Clean tile and grout surfaces. 3.06 PROTECTION

A. Do not permit traffic over finished floor surface for 4 days after installation.

09 5100 - ACOUSTIC CEILINGS

PART 1 GENERAL 1.01 SECTION INCLUDES A. Suspended metal grid ceiling system.

B. Acoustical units. 1.02 REFERENCE STANDARDS A. ASTM C635/C635M - Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings; 2017.

B. LEED V.4 IEO - GC shall ensure all elements, selants, and materials are low-voc compliant 1.03 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Shop Drawings: Indicate grid layout and related dimensioning.

C. Product Data: Provide data on suspension system components. D. Samples: Submit two samples in size illustrating material and finish of acoustical units. E. Manufacturer's Installation Instructions: Indicate special procedures. F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1. See Section 01 6000 - Product Requirements, for additional provisions. 2. Extra Acoustical Units: Quantity equal to 5 percent of total installed.

1.04 QUALITY ASSURANCE A. Suspension System Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience. B. Acoustical Unit Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

PART 2 PRODUCTS 2.01 MANUFACTURERS A. Acoustic Panels: 1. ACT-1: Armstrong World Industries, Inc; Ultima, www.armstrong.com

B. Suspension Systems: 1. Armstrong World Industries, Inc; Prelude: www.armstrong.com/#sle. Use with ACT-1 2.02 ACOUSTICAL UNITS

A. Acoustical Panels, ACT-1:

. Surface Texture: Fine 2. Composition: Mineral Fiber 3. Color: Global White 4. Size: 24" x48" item #1914 5. Edge Profile: Beveled Tegular 3/4" 6. Noise Reduction Coefficient = 0.75

7. Ceiling Attenuation Class (CAC): ASTM C 1414; Classified with UL label on product carton

8. Flame Spread: ASTM E 1264; Class A 9. Light Reflectance (LR) White Panel: ASTM E 1477; 0.90 10. Dimensional Stability: HumiGuard Plus 2.03 SUSPENSION SYSTEM(S)

A. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with stabilizer bars, clips, splices, perimeter moldings, and hold down clips as required. B. Exposed Steel Suspension System: Formed steel, commercial quality cold rolled; heavy-duty.

1. Profile: Tee; 15/16 inch wide face. 2. Construction: Double web. 3. Finish: As indicated on drawings.

4. Products: a. ACT-1. 2.04 ACCESSORIES

A. Support Channels and Hangers: Galvanized steel; size and type to suit application and ceiling system flatness requirement specified. B. Perimeter Moldings: Same material and finish as grid.

1. At Exposed Grid: Provide L-shaped molding for mounting at same elevation as face of grid. 2.05 VOC Requirements A. Acoustic ceilings must comply with LEED V4 Low Emitting threshold requirements for Ceilings, Walls, Thermal, and Acousting Insulation. GC to provide VOC content and testing documentation.

PART 3 EXECUTION 3.01 EXAMINATION A. Verify existing conditions before starting work.

B. Verify that layout of hangers will not interfere with other work. 3.02 INSTALLATION - SUSPENSION SYSTEM A. Rigidly secure system, including integral mechanical and electrical components, for maximum

deflection of 1:360. B. Install after major above-ceiling work is complete. Coordinate the location of hangers with other work. C. Hang suspension system independent of walls, columns, ducts, pipes and conduit. Where carrying members are spliced, avoid visible displacement of face plane of adjacent members. D. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected

hangers and related carrying channels to span the extra distance. E. Do not support components on main runners or cross runners if weight causes total dead load to

F. Support fixture loads using supplementary hangers located within 6 inches of each corner, or support components independently. G. Do not eccentrically load system or induce rotation of runners. H. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other

interruptions. Use longest practical lengths. Overlap and rivet corners.

3.03 INSTALLATION - ACOUSTICAL UNITS A. Install acoustical units in accordance with manufacturer's instructions.

B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and C. Fit border trim neatly against abutting surfaces. D. Install units after above-ceiling work is complete.

E. Install acoustical units level, in uniform plane, and free from twist, warp, and dents. F. Cutting Acoustical Units:

1. Make field cut edges of same profile as factory edges. 3.04 TOLERANCES

A. Maximum Variation from Flat and Level Surface: 1/8 inch in 10 feet. B. B. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads: 2 degrees. **09 9000 - PAINTING**

PART 1 GENERAL

1.01 SECTION INCLUDES A. Surface preparation B. Field application of paints.

C. Scope: Finish interior surfaces exposed to view, unless fully factory-finished and unless otherwise D. Do Not Paint or Finish the Following Items:

Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished. 2. Items indicated to receive other finishes. 3. Items indicated to remain unfinished.

4. Fire rating labels, equipment serial number and capacity labels, bar code labels, and operating parts of equipment. 5. Floors, unless specifically indicated. Glass. 7. Concealed pipes, ducts, and conduits.

1.02 REFERENCE STANDARDS A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency; current edition. B. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition. C. LEED V.4 IEQ - GC shall ensure all elements, selants, and paints are low-voc compliant

1.03 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Product Data: Provide complete list of products to be used, with the following information for each: 1. Manufacturer's name, product name and/or catalog number, and general product category (e.g. "alkyd enamel").

2. MPI product number (e.g. MPI #47). 3. Cross-reference to specified paint system(s) product is to be used in; include description C. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches in size, illustrating range

of colors available for each finishing product specified. Where sheen is specified, submit samples in only that sheen. Where sheen is not specified, discuss sheen options with Architect before preparing samples, to eliminate sheens definitely not required.

3. Allow 10 days for approval process, after receipt of complete samples by Architect. D. Certification: By manufacturer that paints and finishes comply with VOC limits specified. E. Manufacturer's Instructions: Indicate special surface preparation procedures. F. Maintenance Data: Submit data including finish schedule showing where each product/color/finish was used, product technical data sheets, material safety data sheets (MSDS), care and cleaning instructions, touch-up procedures, repair of painted and finished surfaces, and color samples of each

color and finish used. G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project. See Section 01 6000 - Product Requirements, for additional provisions. Extra Paint and Finish Materials: 1 gallon of each color; from the same product run,

store where directed. 3. Label each container with color in addition to the manufacturer's label. 1.04 DELIVERY, STORAGE, AND HANDLING A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.

B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions C. Paint Materials: Store at minimum ambient temperature of 45 degrees F and a maximum of 90

degrees F, in ventilated area, and as required by manufacturer's instructions. PART 2 PRODUCTS 2.01 MANUFACTURERS

B. Provide paints and finishes from the same manufacturer to the greatest extent possible. . Substitution of a different paint system using MPI-approved products by the same manufacturer will be considered.

A. Provide paints and finishes used in any individual system from the same manufacturer; no

C. Paints: PPG Paints: www.ppgpaints.com/#sle. Sherwin-Williams Company: www.sherwin-williams.com/#sle.

D. Primer Sealers: Same manufacturer as top coats. E. Substitutions: See Section 01 6000 - Product Requirements

10 400 - INTERIOR SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES A. Fabricated dimensional letter and logotype signage 1.02 REFERENCE STANDARDS A. Fraport Subtenant Design Guidelines and Appendices

B. MNAA Air design and tenant guidelines 1.03 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Product Data: Provide signage illumination element product data C. Shop Drawings: Indicate location, fabrication, attachement, details, and visual presentation of signs. Shop submittals shall be reviewed by architect, owner, and Fraport.

D. Manufacturer's Installation Instructions: Per individual sign elements' manufacturers and signage E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

F. Maintenance Data: Include cleaning and maintenance instructions for owner's reference. PART 2 PRODUCTS

2.01 MANUFACTURERS A. Custom fabrication by signage contractor/fabricator.

2.02 MATERIALS A. Stainless steel, powder coated B. Aluminum, powder coated

C. Fire rated acrylic D. LED illumination 2.03 FINISHES

A. All finishes for all faces to be referenced from architectural signage details and drawings.

A. All signage depths to be referenced from architectural signage details and drawings 2.05 Font Styles

A. Architect and owner to provide needed art, logo, and font files for fabrication. 2.06 MOUNTING HARDWARE A. Strap stud mount and flush drywall/plywood mount

PART 3 EXECUTION

3.01 INSTALLATION

A. Verify existing conditions before starting work. B. A qualified installer shall install all signage

C. Install signs level, plumb, and at the height/level/face indidicated with surfaces free from distortion or other defects in appearance.

3.02 WARRANTY A. Letters, signage boxes, and all associated parts shall be guaranteeed for the life of the business against defects. END OF SECTION

10 4400 - FIRE PROTECTION SPECIALTIES

PART 1 GENERAL 1.01 SECTION INCLUDES A. Fire extinguishers.

B. Fire extinguisher cabinets. C. Accessories. 1.02 REFERENCE STANDARDS A. NFPA 10 - Standard for Portable Fire Extinguishers: 2017.

1.03 SUBMITTALS A. See Section 01 3000 - Administrative Requirements, for submittal procedures. B. Product Data: Provide extinguisher operational features.

C. Shop Drawings: Indicate locations of cabinets and cabinet physical dimensions. D. Manufacturer's Installation Instructions: Indicate special criteria and wall opening coordination E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

F. Maintenance Data: Include test, refill or recharge schedules and re-certification requirements. PART 2 PRODUCTS 2.01 MANUFACTURERS

A. Fire Extinguishers: 1. Ansul, a Tyco Business: www.ansul.com/#sle. 2. Kidde, a unit of United Technologies Corp: www.kidde.com/#sle. 3. Nystrom, Inc: www.nystrom.com/#sle.

4. Pyro-Chem, a Tyco Business: www.pyrochem.com/#sle. B. Fire Extinguisher Cabinets and Accessories: Potter-Roemer LLC; model 7260-DV-6-VB: www.potterroemer.com/#sle, as basis of design or comparable product from: 1. Activar Construction Products Group - JL Industries: www.activarcpg.com/#sle.

2. Larsen's Manufacturing Co: www.larsensmfg.com/#sle. 2.02 FIRE EXTINGUISHERS A. Fire Extinguishers - General: Comply with product requirements of NFPA 10 and applicable

codes, whichever is more stringent. B. Multipurpose Dry Chemical Type Fire Extinguishers: Carbon steel tank, with pressure gauge.

1. Class: 4-A:60-B:C type. 2. Size: 10 pound. 3. Size and classification as scheduled. 4. Finish: Baked polyester powder coat, color as selected.

5. Temperature range: Minus 40 degrees F to 120 degrees F. 2.03 FIRE EXTINGUISHER CABINETS A. Cabinet Construction: Fire rated as required by fire-rating of partition in which it is located. 1. Formed primed steel sheet; 0.0428 inch thick base metal, lined with 5/8" thick fire-barrier

material as required. Provide factory-drilled mounting holes.

B. Cabinet Configuration: Recessed type. Size to accommodate accessories. 2. Trimless with hidden flange: Flange of same metal and finish as box overlaps surrounding wall finish and is concealed from view by overlapping door.

3. Provide cabinet enclosure with right angle inside corners and seams, and with formed perimeter trim and door stiles. C. Door: stainless steel sheet, reinforced for flatness and rigidity with nylon catch. Hinge doors for 180 degree opening with two butt hinge. Vertical, duo panel, frameless, with no exposed hinges. D. Door Glazing: Acrylic plastic, clear, 1/8 inch thick, flat shape and set in resilient channel glazing

E. Weld, fill, and grind components smooth. F. Finish of Cabinet Exterior Trim and Door: No. 4 - Brushed stainless steel. G. Finish of Cabinet Interior: White colored enamel.

2.04 ACCESSORIES A. Extinguisher Brackets: Formed steel, chrome-plated. B. Lettering: "FIRE EXTINGUISHER" decal, or vinyl self-adhering, pre-spaced black lettering in accordance with authorities having jurisdiction (AHJ) and to match cabinet doors in rest of airport. PART 3 EXECUTION

3.01 EXAMINATION A. Verify existing conditions before starting work. B. Verify rough openings for cabinet are correctly sized and located. 3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions. B. Install cabinets plumb and level in wall openings, 54 inches from finished floor to top of fire extinguisher. C. Secure rigidly in place.

4. D. Place extinguishers in cabinets.

END OF SECTION

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

> > CONSULTANT

CONSTRUCTION **DRAWINGS**



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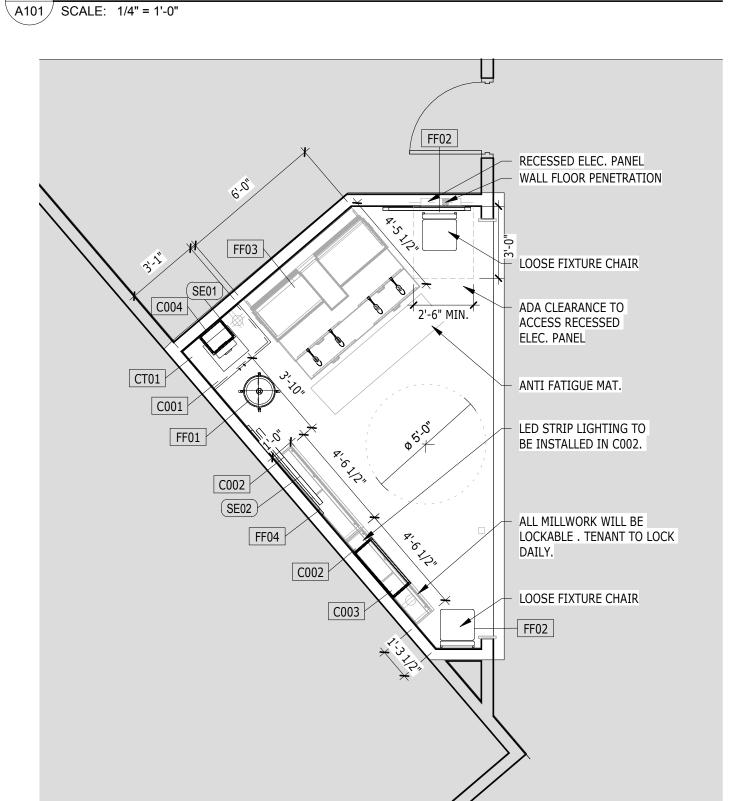


PROJECT NO.: 22277 DRAWN BY: MJS

ORIGINAL ISSUE DATE

SPECIFICATIONS

CONSTRUCTION FLOOR PLAN



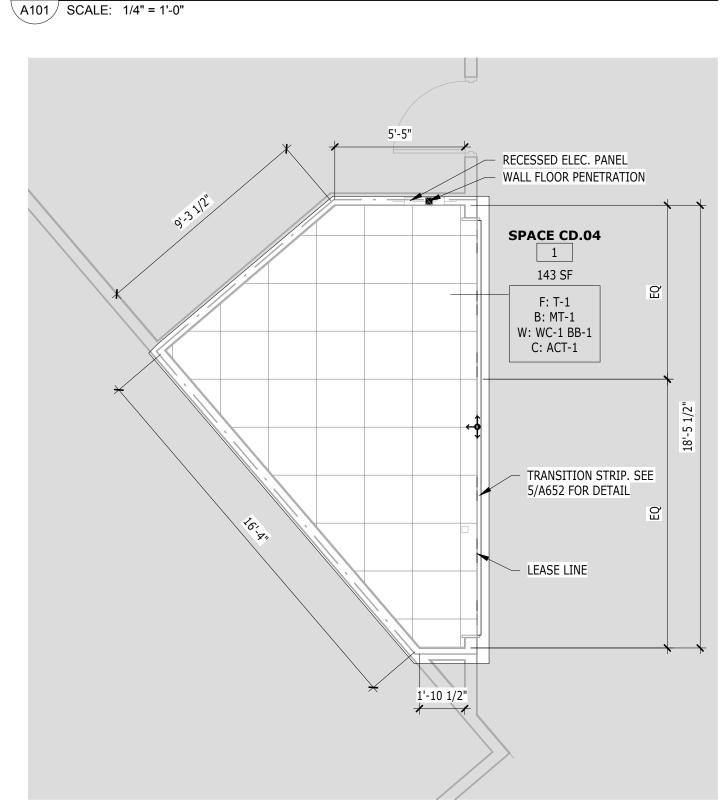
FIXTURE AND MILLWORK PLAN A101 SCALE: 1/4" = 1'-0"

	SPECIALTY EQUIPMENT SCHEDULE							
Type Mark	Description	Manufacturer	Count	Comments				
SE01	POINT OF SALE SYSTEM (POS)		1	EQUIPMENT BY SUBTENANT				
SE02	TELEVISON SCREEN/MOUNT	SAMSUNG - 60" CLASS TU7000 LED 4K UHD/ SANUS - PREMIUM SERIES ADVANCED TILT 4D TV WALL MOUNT	1 each					
SE03	POE HOME SECUIRTY CAMERA SYSTEM	ZOSI-LINK: https://www.amazon.com/ZOSI-Security-Outdoor-Recorder-Surveillance/dp/B07YC41BNV/ref=sr_1 _8?crid=2BF60MHWYM25Z&keywords=POE%2Bsecurity%2Bcamera%2Bwith%2BDVR&qid=166316 5051&sprefix=poe%2Bsecurity%2Bcamera%2Bwith%2Bdvr%2Caps%2C59&sr=8-8&th=1	2					

		_	0MHWYM25Z&keywords =poe%2Bsecurity%2Bca		,		66316
			FINISH	LEGEND			
LABEL	TYPE	MANUFACTURER	STYLE	COLOR	SIZE OR FINISH	FIRE RATING	NOTES
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG CEILING	PRELUDE XL MAX	BLACK	24X24	CLASS A	SUSPENDED CEILING TILE FOR SALES AREA
BB-1	BEAD BOARD	AMERICAN BEADBOARD		BLACK	36" X 8.4" X 0.6"	CLASS A	
MT-1	METAL BASE	BY G.C.		BLACK			BLACK STAINLESS STEEL TO BE USED FOR BASE AND CHAIR RAIL
PL-1	COLOR CORE LAMINATE	FORMICA	6307 BURNT STRAND	GRAY	MATTE	CLASS A	BASE CABINET FINISH
PL-2	COLOR CORE LAMINATE	FORMICA	949C-58	WHITE	MATTE	CLASS A	TO BE USED FOR BULKHEAD
PT-1	PAINT	SHERWIN WILLIAMS	SW 7006	EXTRA WHITE	SATIN		TO BE USED FOR EXISTING AIRPORT BULKHEAD
PT-2	PAINT	SHERWIN WILLIAMS	SW 2936	EMERALD	SATIN		PAINT WALL BEHIND TV/MOUNT
PT-3	PAINT	SHERWIN WILLIAMS	SW 1943	CADET	SATIN		TO BE APPLIED TO GYPSUM BULKHEAD
SS-1	SOLID SURFACE COUNTERTOPS	HI-MACS LG HAUSYS	ARCAS-T050	GRAY	SATIN		COUNTERTOP
ST-1	STAINLESS STEEL		16 GUAGE		BRUSHED		
T-1	BLACK CERAMIC TILE	TILE BAR	LINES BLACK	BLACK	24"X24"		FLOOR TILE TO BE USED FOR SALES AREA.
VL-1	VINYL FABRICS	ULTRAFABRICS	FUSION:CAVIER	BLACK	54" W	CLASS A	
WC-1	WALLCOVERING	WOLF GORDON	CHIC: HOLBORN-CHALK	WHITE/GRAY			WALL COVERING

SUPPLY AND RETURN — 4'-8" OUTLINE OF BLADE SIGN CEILING MOUNTED FIXTURES/DEVICES TO BE MOUNTED IN CENTER OF TILE. "TIME FOR A SHINE SIGNAGE TILE START POINT 8 A651

REFLECTED CEILING PLAN



FINISHES FLOOR PLAN

FLOOR

BASE

NORTH EAST

MT-1 WC-1 WC-1 WC-1 PL-1

\A101 \scale: 1/4" = 1'-0"

LUMINAIRE SCHEDULE Type Mark Manufacturer Model Comments Description 03 MULTIPLE LED RECESSED CONTECH LIGHTING RDA6L SERIES RECESSED DOWNLIGHTS INSTALLED IN DOWNLIGHT ADJUSTABLE ACT-1 CEILING NEON BLAZE LED STRIP LIGHTING TO BE INSTALLED IN C002 RETAIL DIODELED

	г.	IXTURE SC	ПЕРОГ	. C			
Tag	Description	Manufacturer	Width	Height	Depth	Count	Comments
C001	POS BASE CABINET	TENANT PROVIDES	3'-0"	2'-8 1/2"	2'-0"	1	PL-1 ON CABINETS. SS-1 ON COUNTERTOP
C002	GLASS RETAIL CABINETS WITH SS-1 COUNTER TOP	CUSTOM	4'-6 1/2"	3'-0"	1'-0"	2	PL-1 ON CABINETS. SS-1 ON COUNTERTOP
C003	LARGE GLASS DISPLAY CABINET	CUSTOM	2'-6"	3'-0"	1'-0"	1	SEE ELEVATIONS FOR LOCATIONS
C004	SMALL GLASS DISPLAY CABINET		1'-2"	3'-0"	1'-0"	1	SEE ELEVATIONS FOR LOCATIONS
CT01	SS-1 COUNTERTOP ON POS BASE CABINET		1 1/2"	2'-10"	2'-1"	1	
FF01	ANTIMICROBIAL BONDED LEATHER SWIVEL BARSTOOL	INTERION	1'-9"	2'-6"	1'-9"	1	
FF02	GUEST CHAIR WITH FAUX LEATHER AND CHROME FRAME	OVERSTOCK	2'-1"	2'-11"	2'-1"	2	
FF03	TIME FOR A SHINE SHOE SHINE CHAIR		6'-0"	5'-0"	4'-6"	1	VL-1 AND ST-1
FF04	TV/PRICES FRAME			3'-4"	2'-0"	2	
FF10	ALUMINUM SHOE SHINE STAND FOOT REST	SHOE LACES EXPRESS	3"	3'-0"	11"	4	https://shoelacesexpress.com/collections oot-rests/products/aluminum-foot-rest-se

SOUTH

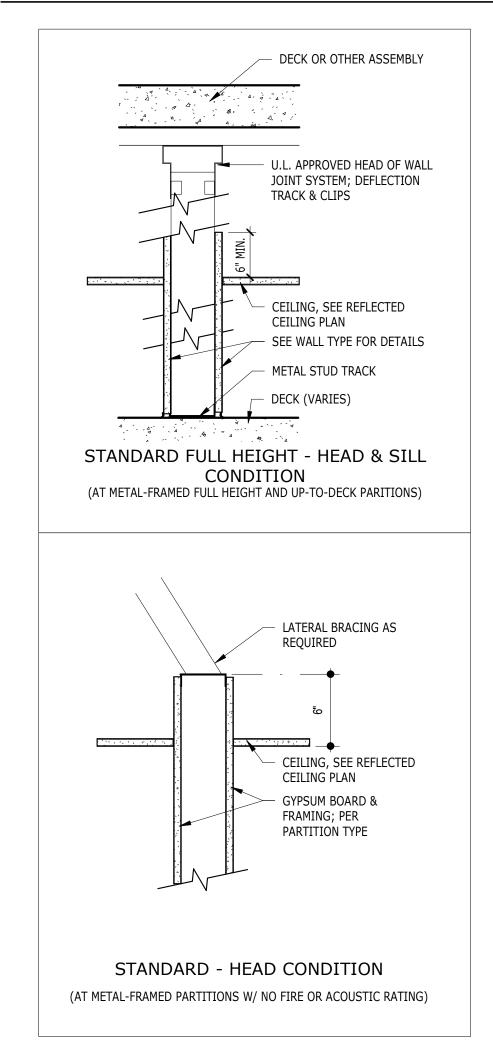
CASEWORK

CEILING

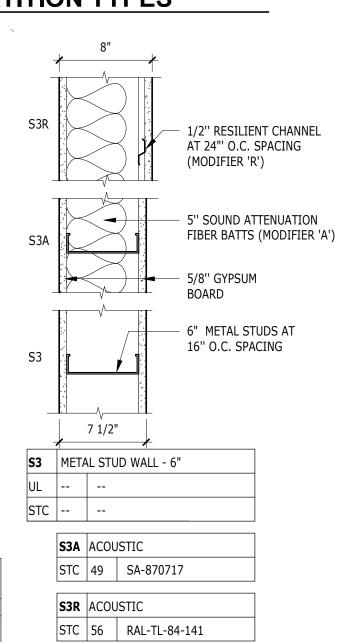
COMMENTS

WEST BASE CAB COUNTERTOP WALL CAB

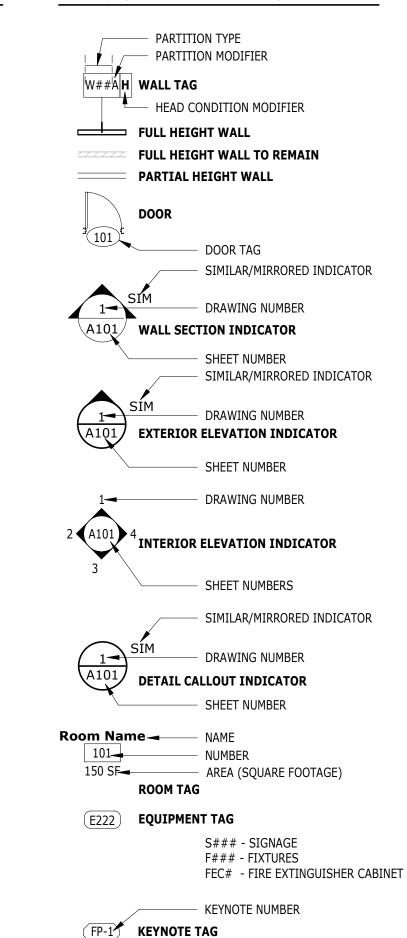
STANDARD PARTITION HEAD DETAILS



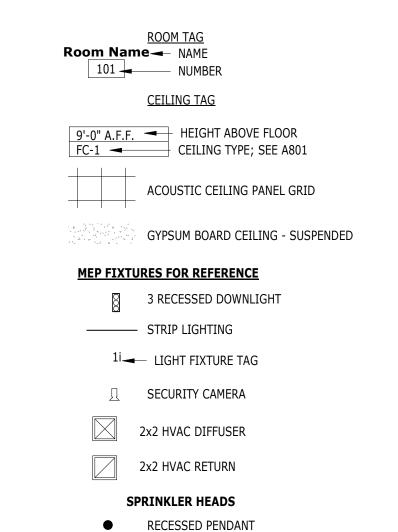
PARTITION TYPES



FLOOR PLAN LEGEND

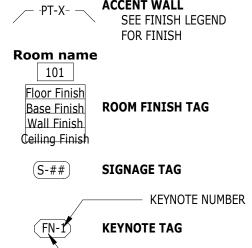


CEILING LEGEND



FINISH SYMBOLS

ACCENT WALL



- DRAWING TYPE

CONSTRUCTION NOTES

- DO NOT SCALE DRAWINGS. 2. DIMENSIONS ARE TAKEN FROM FACE OF NEW FINISH MATERIALS. ALLOW FOR TOLERANCES WHEN FIELD MEASURING FOR APPLIANCES, CASEWORK, AND OTHER FIXTURES.
- 3. INTERIOR STUDWALL PARTITIONS TO BE TYPE SO UNLESS OTHERWISE NOTED. REFER TO PARTITION TYPES FOR

CEILING NOTES

- 1. SEE MEP DRAWINGS FOR SPECIFIC FIXTURES; SHOWN FOR REFERENCE AND COORDINATION ONLY.
- 2. CEILING HEIGHTS ARE MEASURED ABOVE FINISH FLOOR. 3. ALL EXPOSED BEAMS TO BE WRAPPED WITH GYP. BD. PER
- 4. SPRINKLER PIPE TO BE PAINTED WHERE EXPOSED: PAINT

FINISH NOTES

ONLY AFTER SPRINKLER FINAL INSPECTION & APPROVAL.

- 1. FIELD VERIFY ALL DIMENSIONS AND EXISTING
- CONDITIONS. 2. ALL FINISH MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES. CONTACT THE SALES REP FOR THE PROPER INSTALLATION PROCEDURES, THEN THE CONTRACTOR WIL BE HELD RESPONSIBLE FOR IMPROPER INSTALLATION AND WILL BE REQUIRED TO RE-INSTALL OR CORRECT FINISHES
- 3. PROVIDE THREE (3) SAMPLES OF ALL MATERIALS TO THE ARCHITECT/DESIGNER FOR APPROVAL PRIOR TO PLACING FULL ORDERS WHERE MATERIALS ARE NOT RETURNABLE
- 4. PROVIDE A FLOOR PATTERN AND SEAMING DIAGRAM FOR APPROVAL BY ARCHITECT/DESIGNER PRIOR TO INSTALLATION. 5. WHERE FLOOR FINISHES DIFFER IN COLOR AND/OR
- MATERIAL BETWEEN ROOMS, TRANSITIONS SHALL OCCUR LEGEND AT APPROPRIATE FLOOR FINISH TRANSITIONS. 6. FOR ALL PAINTING FOLLOW MANUFACTURER'S
- RECOMMENDED PREPPING AND APPLICATION INSTRUCTIONS. USE ONE COAT OF LATEX PRIMER AND TOPCOAT WITH TWO APPLICATIONS OF LATEX EGGSHELL FINISH PAINT. DOOR FRAMES AND TRIM TO BE SEMIGLOSS. ALL OTHER PAINT TO BE EGGSHELL UNLESS NOTED OTHERWISE. 7. WALLCOVERING (WC-1) IS THE MAIN WALL COVERING
- UNLESS NOTED OTHERWISE. ACCENT WALLS ARE INDICATED ON THE FINISH PLAN BY A DASHED LINE, SHOWING THE STOP AND START POINTS WITH THE CORRESPONDING WALLCOVERING/PAINT IN FRONT OF THE 8. REMOVE ALL EXISTING CARPET AND FLOOR FINISHES
- PROPERLY PREP FLOOR TO RECEIVE NEW FLOOR FINISHES. G.C. IS TO PROVIDE A SMOOTH AND LEVEL SURFACE FOR NEW FLOOR INSTALLATION.

COMPLETE AS SHOWN ON THE DEMOLITION PLAN AND

- 9. ALL NEW FLOORING SHALL RUN UNDERNEATH ANY NEW CASEWORK TO BE INSTALLED.
- 10. INSTALL RESILIENT BASE AT AREAS AS SPECIFIED ON ROOM FINISH SCHEDULE. WRAP ALL CORNERS TIGHTLY TO WALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS
- 11. ORDER FLOORING UPON RELEASE OF JOB. MATERIAL DELIVERED AND STORED ON SITE. INSPECT MATERIAL UPON DELIVERY.
- 12. PATCH AND REPAIR ANY EXISTING DRYWALL WRAPPED COLUMNS. ALL COLUMNS TO BE PAINTED THE SAME COLOR AS THE WALL IT IS ON, UNLESS OTHERWISE NOTED.
- 13. ANY EXISTING WALLCOVERING TO BE REMOVED, PATCH AND REPAIR WALL TO RECEIVE NEW PAINTED OR WALL COVERING WALL FINISH. 14. DRYWALL CEILINGS/BULKHEADS TO BE PAINTED FLAT
- WHITE TO MATCH EXISTING ABOVE WINDOWS AT BUILDING PERIMETER, TYP.
- 15. ALL NEW HOLLOW METAL DOOR FRAMES TO BE PAINTED 16. WATERPROOFING MATERIALS SHOULD BE APPLIED IN ALL
- WET AREAS THROUGHOUT THE SPACE. WATERPROOFING SHOULD EXTEND 16" UP WALLS, AND FLOOR TESTED TO ENSURE NO LEAKS. SEE APPENDIX G IN FRAPORT DEIGN

PENETRATION NOTES

1. G.C. RESPONSIBLE TO ENSURE APPROPRIATE DETAILS ARE USED AT EACH CONDITION TO MAINTAIN RATING OF FIRE-RATED ASSEMBLY.

PARTITION NOTES

CRITERIA.

- 1. WHERE A U.L. DETAIL IS REFERENCED FOR FIRE RATING, U.L. REQUIREMENTS TAKE PRECEDENCE OVER DRAWINGS & SPECIFICATIONS. PROVIDE U.L. CLASSIFIED MATERIAL AS REQUIRED. SEE FIRE-RATED HEAD & SILL DETAILS. FIRE-RATED WALLS TO GO TO DECK OR OTHER FIRE-RATED HORIZONTAL ASSEMBLY,
- 2. SEE PENETRATION DETAILS REQUIRED TO MAINTAIN FIRE-RATED ASSEMBLIES.
- 3. MOISTURE RESISTANT GYPSUM WALL BOARD (MRGWB) TO BE USED IN WET AREAS, INCLUDING BUT NOT LIMITED TO BATH / TOILET ROOMS, MECHANICAL
- ROOMS, JANITOR'S CLOSETS ETC. 4. PROVIDE 1/2" CEMENTITIOUS BACKER BOARD BEHIND SCHEDULED TILE FINISHES. SEE FINISH PLANS &
- **ELEVATIONS FOR EXTENT OF TILE** 5. PROVIDE 2x FIRE RATED WOOD BLOCKING AT WALLS
- BEHIND FIXTURES FOR SECURE ANCHORAGE. 6. INTERIOR STUDWALL PARTITIONS TO BE TYPE SO UNLESS OTHERWISE NOTED. REFER TO PARTITION

TYPES FOR CONSTRUCTION.

PARTITION TYPE LEGEND

				_
##	TYPE			■ BASE WALL TYPE
UL	1	1		FIRE RATING & TEST
STC	1			SOUND RATING & TEST
				-
	##A	MOD).	■ WALL TYPE MODIFIER
	STC			MODIFIED SOUND RATING

AIRPORT INTERIOR TENANT RETAIL **FIT-OUT**

TIME FOR A

SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

> > CONSULTANT

CONSTRUCTION **DRAWINGS**



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NO.	DATE	DESCRIPTION				
	RE	VISION DATES				
	10/20/2022					
	ORIG	INAL ISSUE DATE				

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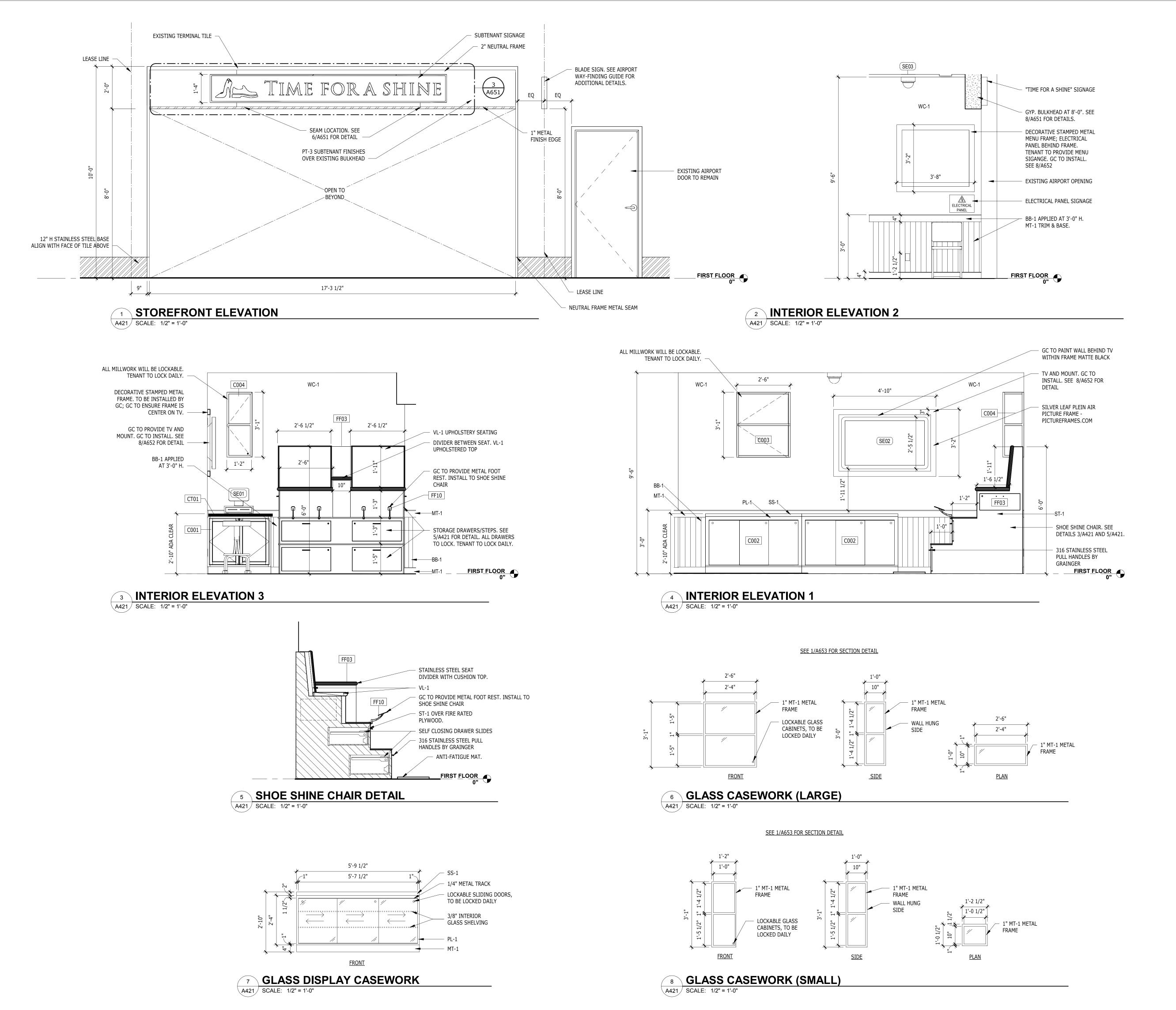
CEILING, FINISH, AND

MILLWORK PLANS

PROJECT NO.: 22277







AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

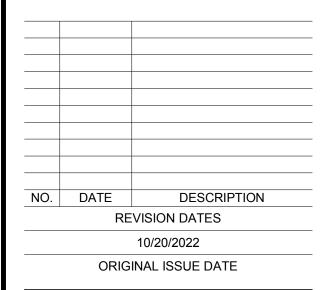
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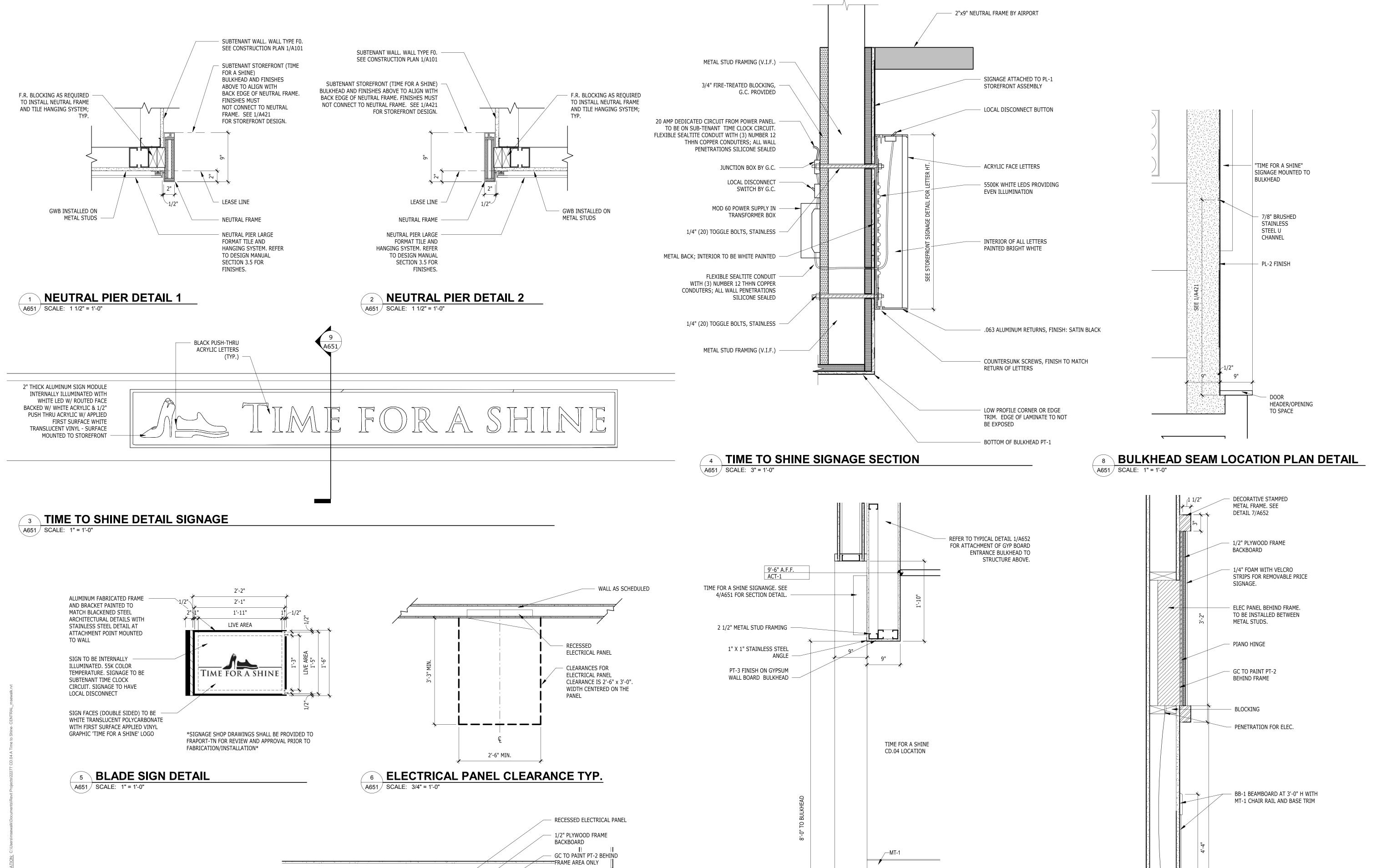


PROJECT NO.: 22277

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INTERIOR AND MILLWORK ELEVATIONS & DETAILS

A421



BLOCKING

ELECTRICAL PANEL WITH PRICE FRAME PLAN DETAIL

METAL FRAME

A651 SCALE: 1 1/2" = 1'-0"

PIANO HINGE

METAL FRAME

1/4" FOAM WITH VELCRO STRIPS FOR REMOVABLE PRICE

/ 5/8" THICK GYP. WALL BOARD

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 Nashville TN, 37214

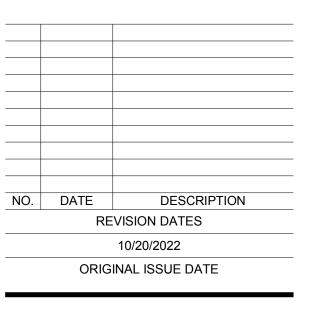
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SIGNAGE, BULKHEAD AND ELEC. PANEL DETAILS

A651

FLOOR PENETRATION FOR ELEC.

5" METAL STUD

FIRST FLOOR

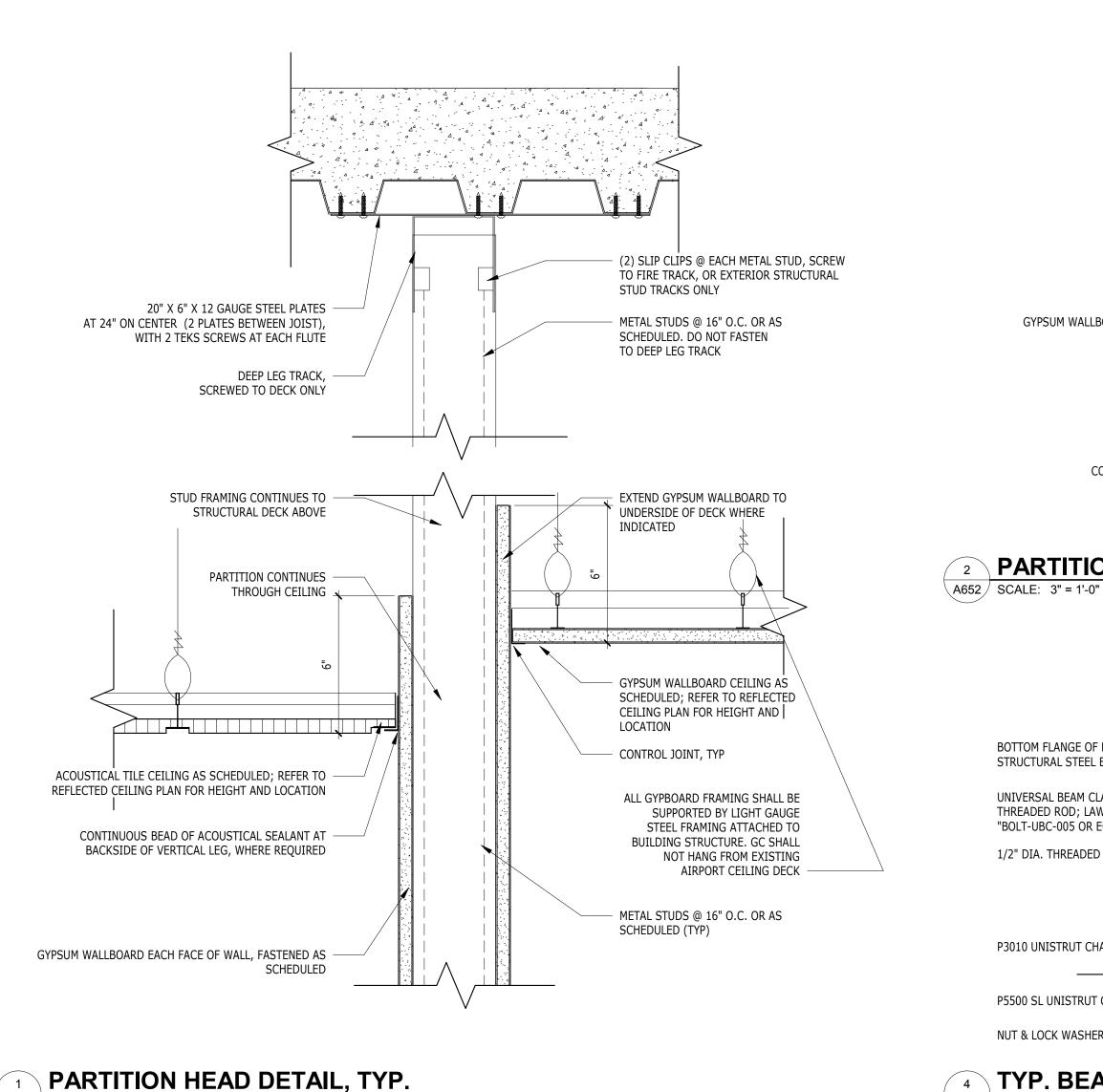
10 ELEC. PANEL AND PRICE FRAME DETAIL

A651 SCALE: 1 1/2" = 1'-0"

FIRST FLOOR

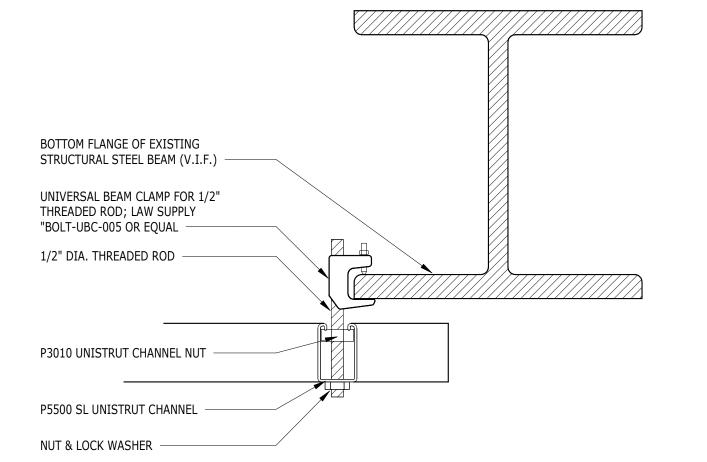
9 BULKHEAD SECTION DETAIL

A651 SCALE: 1" = 1'-0"

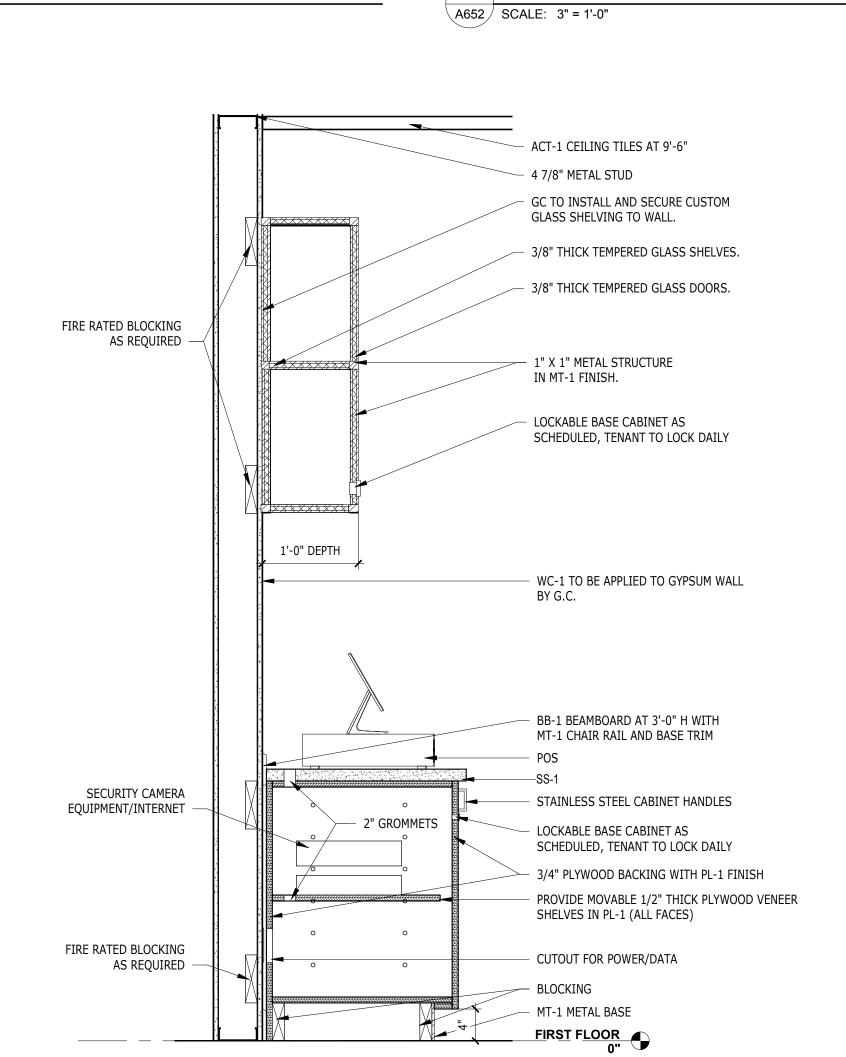


METAL STUDS @ 16" O.C. OR AS SCHEDULED (TYP) CONTINUOUS METAL RUNNER TRACK MECHANICALLY FASTENED TO CONCRETE SLAB (TYP) GYPSUM WALLBOARD EACH FACE OF WALL, FASTENED AS SCHEDULED CONTINUOUS BEAD OF SEALANT BETWEEN BOARDS AND FLOOR SLAB SCHEDULED BASE CONCRETE FLOOR SLAB (TYP)

PARTITION TRACK DETAIL, TYP.

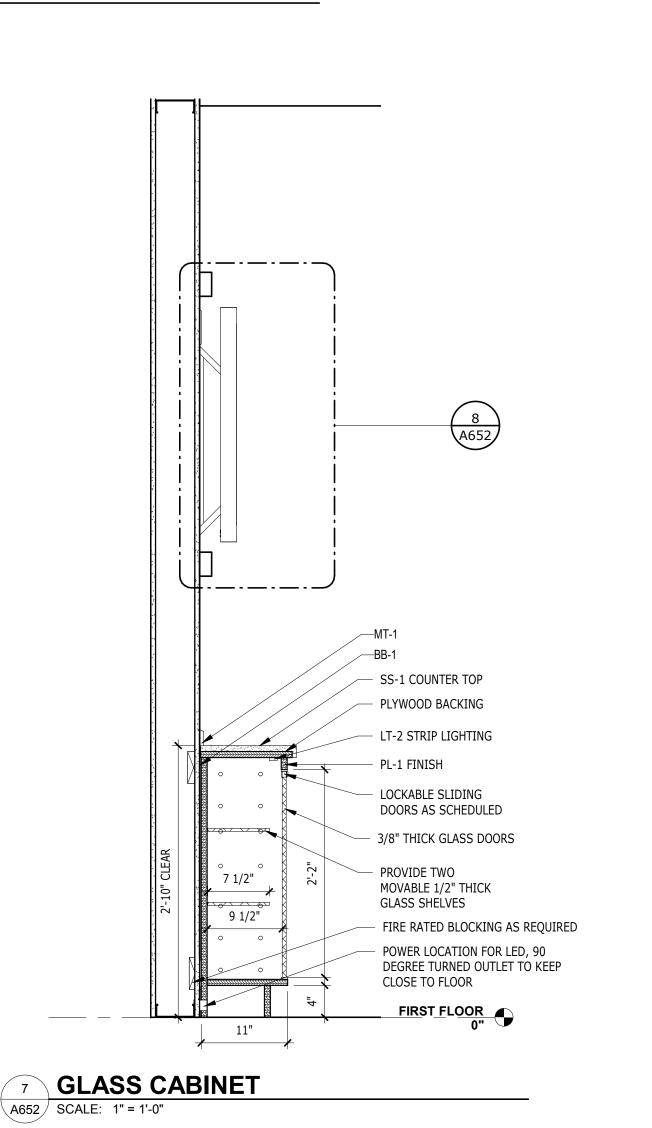


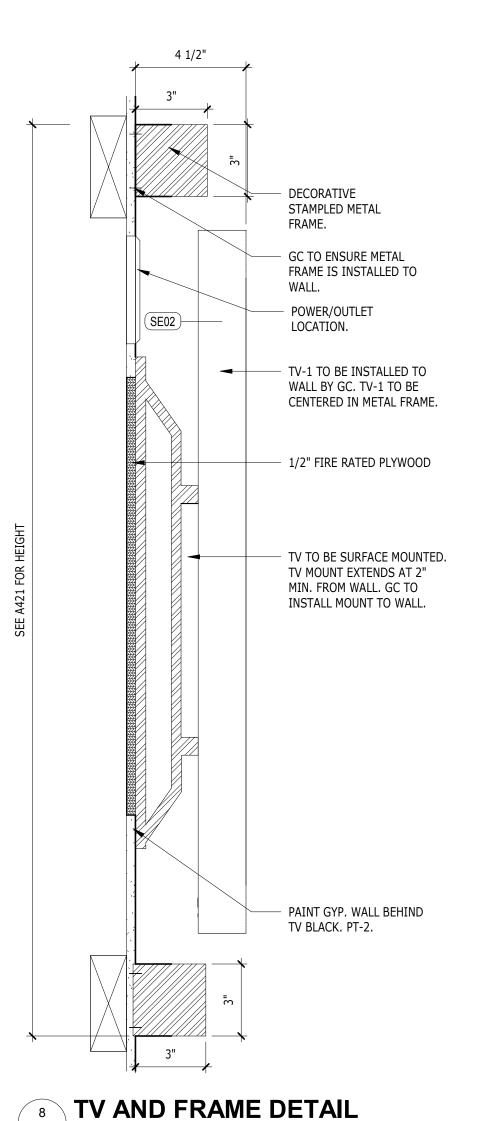
4 TYP. BEAM CLAMP DETAIL AS APPLICABLE



POS CABINET

A652 SCALE: 1" = 1'-0"





A652 SCALE: 3" = 1'-0"

GWB CONTROL JOINT APPLICATIONS

U.N.O. ON PLANS, ELEVATIONS, AND DETAILS, CONTROL JOINTS SHALL BE USED IN THE FACE OF GYPSUM WALLS AND CEILINGS WHEN THE SIZE OF THE SURFACE EXCEEDS THE FOLLOWING CONTROL JOINT SPACES:

- PARTITIONS AND INTERIOR WALL SURFACES: 30'-0" O.C. MAX. IN EITHER DIRECTION
- INTERIOR CEILINGS (WITH PERIMETER RELIEF):
- 50'-0" O.C. MAX. IN EITHER DIRECTION
- INTERIOR CEILINGS (WITHOUT PERIMETER RELIEF): 30'-0" O.C. MAX. IN EITHER DIRECTION
- EXTERIOR CEILINGS: 30'-0" O.C. MAX. IN EITHER DIRECTION
- CEMENT BOARD CONSTRUCTION: INTERIOR SURFACES EXCEEDING 16'-0" O.C. IN EITHER DIRECTION

GYPSUM WALLBOARD CONSTRUCTION SHALL ALSO BE ISOLATED WITH CONTROL JOINTS AS FOLLOWS:

- PARTITIONS OR CEILINGS OF DISSIMILAR CONSTRUCTION MEET AND REMAIN IN THE SAME PLANE
- EXPANSION OR CONTROL JOINTS OCCUR IN THE BASE WALL CONSTRUCTION AND/OR BUILDING STRUCTURE

ALL GWB/CEMENT BOARD SHALL BE HELD 1/4" ABOVE FLOOR ELEVATION. APPLY

SEALANT BETWEEN BOARDS AND FLOOR.

TYP. GWB CONTROL JOINT DETAILS

SCLUTER SCHIENE TRANSITION STRIP

CONTROL JOINT

TENANT

VARIES

INTERIOR WALL SURFACE CONTROL JOINTS @ WINDOWS & DOORS

- 5/8" TYPE X GYPSUM

BOARD CONT. STRIPS

FASTENED TO STUDS

- METAL STUD

CONTROL JOINT @RATED WALL

TERMINAL /

HOLD ROOM

TRANSITION T-1 TO AIRPORT TERRAZZO

A652 SCALE: 1 1/2" = 1'-0"

(TERRAZZO)

A652 SCALE: 12" = 1'-0"

EXISTING TERMINAL FLOORING

CONCRETE SLAB W/ WATERPROOFING;

GC TO GRIND & FEATHER AS NEEDED

FOR FLUSH TRANSITION

- VINYL OR METAL CONTROL JOINT

CONSTRUCTION

DRAWINGS

AIRPORT INTERIOR

TENANT RETAIL

FIT-OUT

TIME FOR A

SHINE CD.04

NASHVILLE INT'L

AIRPORT, 1 TERMINAL

DR., CONCOURSE C

SPACE CD.04

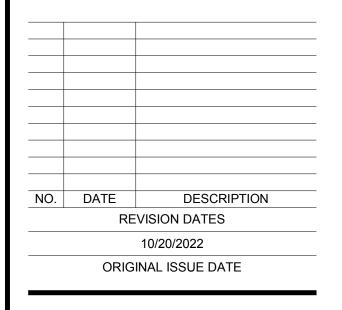
Nashville TN, 37214

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BID SET NOT FOR CONSTRUCTION



PROJECT NO.: 22277 DRAWN BY: MJS/GF

WALL DETAILS AND SECTIONS

A652

A652 SCALE: 3" = 1'-0"



RECESSED ELEC. PANELWALL FLOOR PENETRATION SPACE CD.04

1
143 SF

POWER & LOW VOLTAGE LEGEND

CONVENIENCE OUTLET

△ DATA

CCTV CAMERA

CLG CEILING LIGHT

CONSTRUCTION DRAWINGS

AIRPORT INTERIOR

TENANT RETAIL

FIT-OUT

TIME FOR A

SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL

DR., CONCOURSE C

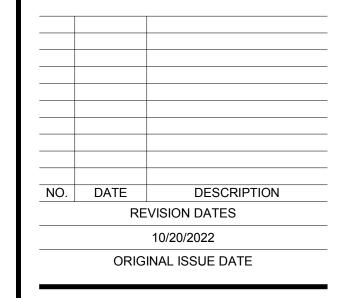
SPACE CD.04 Nashville TN, 37214

CONSULTANT



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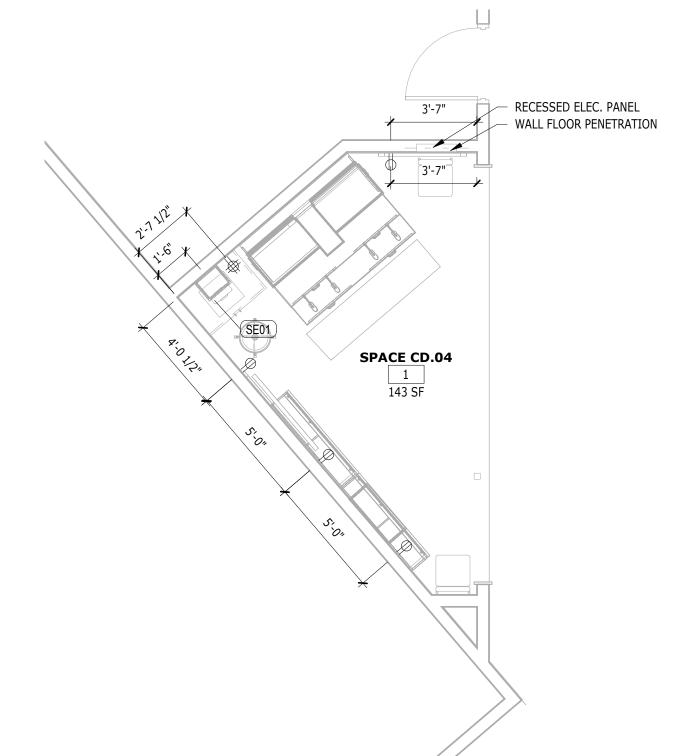
BID SET NOT FOR CONSTRUCTION



PROJECT NO.: 22277 DRAWN BY: MJS/GF

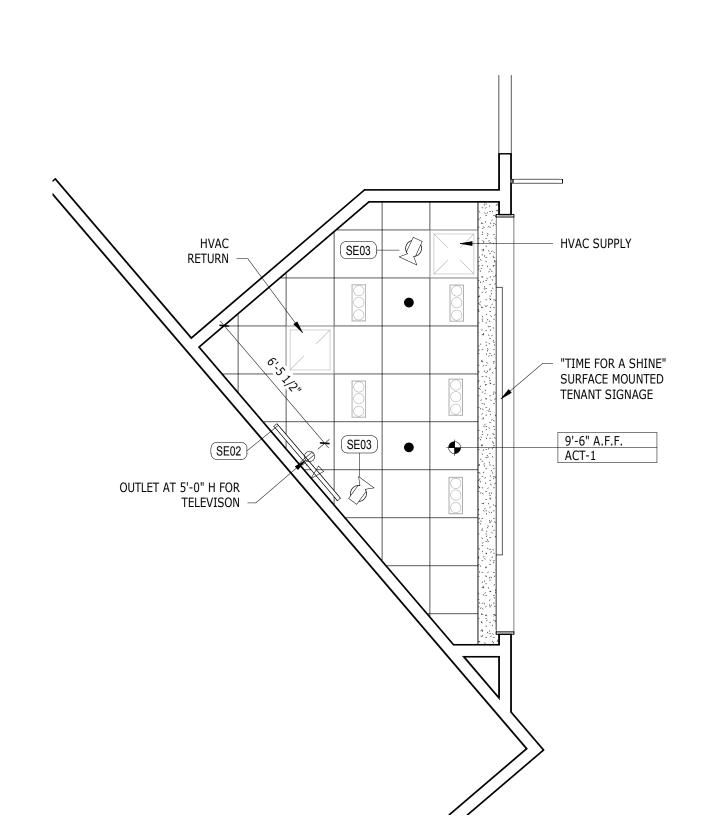
ARCHITECTURAL POWER & LOW **VOLTAGE PLAN**

A832



1 ARCHITECTURAL POWER & LOW VOLTAGE PLAN

A832 SCALE: 1/4" = 1'-0"



ARCHITECTURAL POWER & LOW VOLTAGE CEILING

2 **PLAN**A832 SCALE: 1/4" = 1'-0"

AUTOMATIC SPRINKLER PROTECTION NOTES

THE CONTRACTOR SHALL FURNISH AND COMPLETE A COMPLETE AUTOMATIC SPRINKLER SYSTEM PER NFPA 13 FOR ALL AREAS OF THE BUILDING, INCLUDING CANOPIES, ALL SPRINKLERS SHALL BE INSTALLED ACCORDING TO THEIR LISTING, THE SPRINKLER SYSTEM SHALL BE A WET SYSTEM HYDRAULICALLY CALCULATED USING THE FOLLOWING CRITERIA:

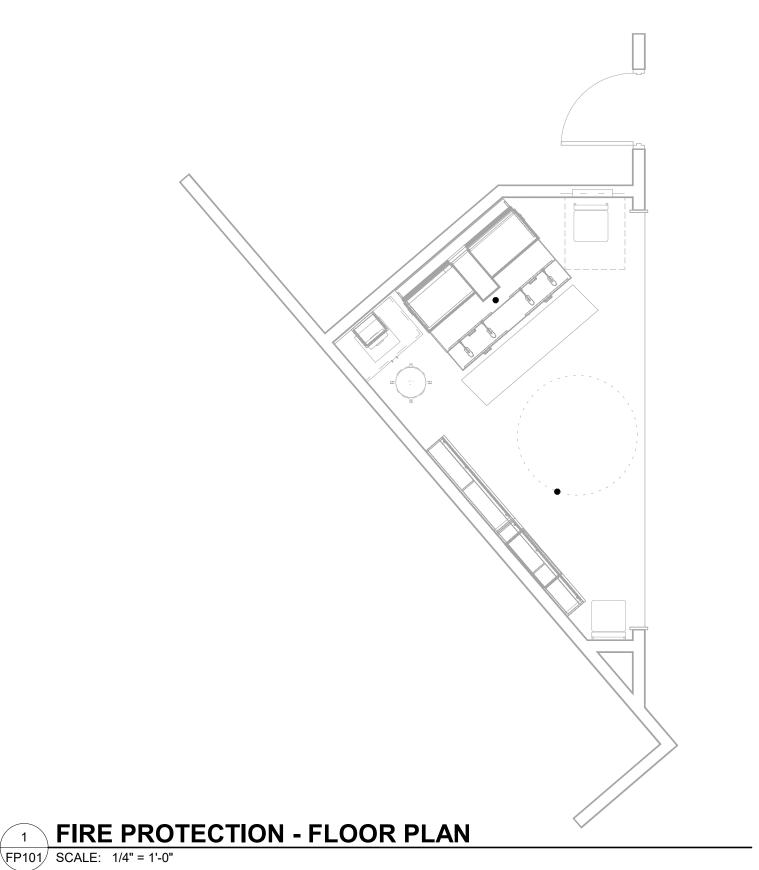
- A. CONCESSION AND STORAGE ROOM OCCUPANCIES WELL SUBDIVIDED SHALL BE HYDRAULICALLY BALANCED ON A LIGHT HAZARD BASIS TO PRODUCE .10 GPM DENSITY OVER THE MOST REMOTE 1.500 SQ. FT. AND HEAD COVERAGE OF 225 SQ. FT. / HEAD MAXIMUM USING 165°F QUICK RESPONSE HEADS.
- B. CALCULATIONS FOR ABOVE DENSITIES TO INCLUDE HOSE STREAMS OF 100 GPM FOR LIGHT HAZARD, 250 GPM FOR ORDINARY HAZARD AND 500 GPM FOR EXTRA HAZARD OCCUPANCIES. CALCULATIONS FOR WATER CURTAAIN SPRINKLERS (WHEN PROVIDED) SHALL BE ADDED TO THE MOST DEMANDING HYDRAULIC DESIGN CALCULATIONS.
- C. ALL SPRINKLER HEADS IN AREAS WITHOUT FINISHED CIELINGS SHALL BE BRASS UPRIGHT HEADS WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN EXPOSED AND PAINTED TO MATCH ADJOINING AREAS.
- D. ALL SPRINKLER HEADS IN AREAS WITH FINISHED GYPSUM BOARD CEILING SHALL BE CONCEALED TYPE HEADS WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. ASSOCIATED PIPING SHALL BE RAN IN FURRED SPACES, CHASES, ECT., TO COMPLETELY CONCEAL ALL PIPING.
- E. THE SPRINKLER CONTRACTOR SHALL COORDINATE THE LOCATION OF PIPING AND HEADS WITH LIGHT FIXTURES, DIFFUSERS, DUCTWORK, PLUMBING LINES, ECT., AND MAKE MINOR ADJUSTMENTS IN THE SPRINKLER LAYOUT WHERE REQUIRED OR DEEMED NECESSARY BY THE ARCHITECT.
- F. ALL SPRINKLER HEADS SHALL BE LOCATED SYMETRICALLY IN ALL AREAS AND CENTERED BOTH DIRECTIONS IN CEILING TILES.
- G. FIRE PROTECTION SYSTEM TO CONFORM TO ALL REQUIREMENTS OF NFPA 13.
- H. THE SPRINKLER CONTRACTOR SHALL SUBMIT COMPLETE SPRINKLER SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY THE SPRINKLER CONTRACTOR WITH A MINIMUM NICET III REGISTRATION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THEY MUST BE SIGNED BY A RESPONSIBLE MANAGING EMPLOYEE AND SUBMITTED BY A REGISTERED FIRE PROTECTION CONTRACTOR.

AA. PIPING MATERIALS:

- 1. INTERIOR PIPE -
- 2" AND SMALLER SCHEDULE 40 BLACK STEEL 2-1/2" AND LARGER - SCHEDULE 10 BLACK STEEL
- 2. INTERIOR PIPE FITTINGS -
- LESS THAN 6" DUCTILE IRON THREADED, FLANGED, GROOVED, OR WELDED

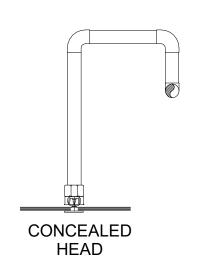
NOTES:

CONTRACTOR SHALL PROVIDED NEW TENANT ISOLATION VALVE WITH TAMPER AND FLOW SWITCH TO SERVE NEW TENENT SPACE.



SPRINKLER HEAD SCHEDULE								
SYMBOL	DESCRIPTION	TEMP F	K- FACTOR					
	FULLY CONCEALED	155	5.6					

- 1. ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE
- 2. FULLY CONCEALED HEADS TO BE WHITE UNLESS NOTED OTHERWISE
- ALL SPRINKLER HEADS RUN-OUTS SHALL BE A MINIMUM OF 1" DIAMETER



NOTES:

- 1. ARMOVERS WHICH EXCEED 2' 0" SHALL INCLUDE HANGERS TO STRUCTURE. IF SYSTEM PRESSURE EXCEEDS 100 PSI, ARMOVERS WHICH EXCEED 1' - 0" SHALL INCLUDE HANGERS TO STRUCTURE.
- 2. CONTRACTOR HAS OPTION OF PROVIDING FLEXIBLE CONNECTIONS...

AIRPORT INTERIOR **TENANT RETAIL** FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 NASHVILLE TN 37214

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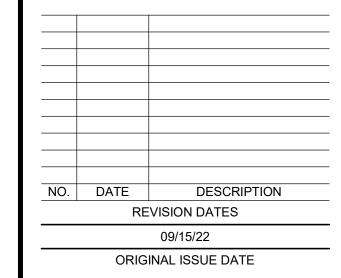
CONSULTING ENGINEERS 2950 KRAFT DRIVE NASHVILLE, TN. 37204 PHONE (615) 346-3400 www.icthomasson.com ICT Project No. 22----

CONSTRUCTION **DRAWINGS**



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PROJECT NO.: 22276 DRAWN BY: Author

FIRE PROTECTION -FLOOR PLANS

FP101

SY	MBOLS	GENERAL	NOT	ES

- A. ALL MOUNTING HEIGHTS GIVEN IN THE LEGEND, SCHEDULES, PLANS, AND DRAWING NOTES ARE TO THE CENTERLINE OF THE DEVICE, UNLESS OTHERWISE NOTED.
- B. INSTALL ALL SWITCHES AT A CENTERLINE HEIGHT OF 46" A.F.F. UNLESS OTHERWISE NOTED. WHERE SWITCHES OR RECEPTACLES ARE MOUNTED ABOVE CASEWORK OR MILLWORK, LOCATE AT A HEIGHT OF 3'-8" MAX. ABOVE FINISH FLOOR OR 3" ABOVE BACKSPLASH TO CENTERLINE.
- C. SEE ARCHITECTURAL MOUNTING HEIGHTS.
- D. ADDITIONAL SYMBOLS MAY BE SHOWN OR DENOTED ON OTHER SHEETS.
- E. ALL SYMBOLS, NOTES, AND ABBREVIATIONS SHOWN ON THE LEGEND ARE NOT NECESSARILY USED IN THIS SET OF CONTRACT DOCUMENTS.
- F. NUMERICAL SUBSCRIPT ADJACENT TO DEVICE FIXTURE, EQUIPMENT OR JUNCTION BOX SYMBOL ON THE DRAWINGS DENOTES THE PANELBOARD CIRCUIT NUMBER TO WHICH DEVICE, FIXTURE, EQUIPMENT OR WIRING IN JUNCTION BOX IS CONNECTED.

	Lighting Fixture Schedule							
Туре	Manufacturer	Model	Lamp	Description				
L-1	CONTECH LIGHTING	RDA6L SERIES	LED	03 MULTIPLE LED RECESSED DOWNLIGHT ADJUSTABLE; EMERGENCY BATTERY BACKUP				
L-1E	CONTECH LIGHTING	RDA6L SERIES	LED	03 MULTIPLE LED RECESSED DOWNLIGHT ADJUSTABLE				
L-2	DIODELED	NEON BLAZE 24V-SE-NBL1-3500K	LED	STRIP LIGHT IN MILLWORK				

	ENCLOSED CIRCUIT BREAKER	
PP	POWER POLE	
M)/OC	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR	
S	SINGLE POLE SWITCH-(WHITE)	46"
S ₂	TWO POLE SWITCH-(WHITE)	46"
S ₃	THREE-WAY SWITCH-(WHITE)	46"
S ₄	FOUR WAY SWITCH-(WHITE)	46"
S _D	SINGLE POLE DIMMER SWITCH	46"
$S_{\rm M}/S_{\rm OC}$	WALL MOUNTED OCCUPANCY SENSOR SWITCH (WHITE)	46"
S _{3D}	THREE-WAY DIMMER SWITCH	46"
S _T	THERMAL MOTOR SWITCH-(FBE)	46"
S _{TWP}	THERMAL MOTOR SWITCH, WEATHERPROOF-(FBE)	46"
S _{TP}	THERMAL MOTOR SWITCH, WITH PILOT LIGHT (FBE)	46"
S _{LV}	LOW VOLTAGE SWITCH	+0
(PP)	POWER PACK	
ELC	EMERGENCY LIGHTING CONTROLLER - FUNCTIONAL DEVICES ESRB	
		46"
S_{WP}	SINGLE POLE SWITCH, WEATHERPROOF	18"
	20A 120V. DUPLEX RECEPTACLE	
-	20A 120V. DUPLEX RECEPTACLE ABOVE COUNTER	AS SPECIFIEI
E	20A 120V. DUPLEX RECEPTACLE ABOVE COUNTER ON EMERGENCY BRANCH CIRCUIT (RED)	AS SPECIFIEI
○ TV	20A 120V. DUPLEX RECEPTACLE FOR TV POWER	AS NOTED
	₩ 6" TO CENTERLINE BELOW FINISH CEILING	*
<u> </u>	20A 120V. QUADRAPLEX RECEPTACLE	18"
\ominus	SINGLE RECEPTACLE, AMPERAGE, VOLTAGE, NEMA CONFIGURATION AS REQUIRED BY EQUIP. SUPPLIER OR AS NOTED	18"
\blacksquare	20A 120V. QUADRAPLEX RECEPTACLE ABOVE COUNTER	AS SPECIFIE
E	20A 120V. QUADRAPLEX RECEPTACLE ABOVE COUNTER ON EMERGENCY BRANCH CIRCUIT	AS SPECIFIE
⇒ GFI	20A GROUND FAULT TYPE RECEPTACLE	AS SPECIFIE
◯ GFI/WP	20A GROUND FAULT RECEPTACLE WEATHERPROOF	AS SPECIFIEI
O	TWO GANG FLOOR BOX WITH ONE DUPLEX RECEPTACLE AND ONE DATA OUTLET	FLOOR BOX
$\bigoplus \triangle$	TWO GANG FLOOR BOX WITH ONE QUAD 20A RECEPTACLE AND ONE DATA OUTLET	FLOOR BOX
	TWO GANG FLOOR BOX WITH ONE HARD CONNECTION 20A RECEPTACLE, & ONE DATA OUTLET	FLOOR BOX
0 0 0	THREE GANG FLOOR BOX WITH TWO DUPLEX 20A RECEPTACLES, & ONE TELEPHONE OUTLET	FLOOR BOX
⊕ △ AV	THREE GANG FLOOR BOX WITH ONE QUAD 20A RECEPTACLE AND ONE DATA OUTLET AND ONE AV CONNECTION	
	THREE GANG FLOOR BOX WITH ONE DUPLEX 20A RECEPTACLE AND ONE DATA OUTLET AND ONE AV CONNECTION	
(J) (AV)	THREE GANG FLOOR BOX WITH ONE HARDWARE CONNECTION AND ONE DATA OUTLET AND ONE AV CONNECTION	
H(J) _{BPI}	WALL MOUNTED FURNITURE BASE POWER FEED	
PDM	POWER DISTRIBUTION MODULE	
AFM	ACCESS FLOOR MODULE	
SR	20A DUPLEX RECEPTACLE AND SINGLE POLE SWITCH UNDER COMMON PLATE	
USB	20A 120V. DUPLEX USB TYPE	18"
⊕ IG	20A 120V. DUPLEX USB 11PE 20A DUPLEX RECEPTACLE, ISOLATED GROUNDING.	18"
G IG		46"
	20A DUPLEX RECEPTACLE, ISOLATED GROUNDING, INSTALL ABOVE COUNTER	
⊕ IG	20A QUADRAPLEX RECEPTACLE, ISOLATED GROUNDING	18"
₩P	20A WEATHERPROOF DUPLEX RECEPTACLE	0=11.11.0
0	120V DUPLEX RECEPTACLE, CEILING MOUNTED	CEILING
	FLOOR BOX WITH (1) SINGLE RECEPTACLE - AMPERAGE, VOLTAGE, NEMA CONFIGURATION AS REQUIRED BY EQUIP. SUPPLIER OR AS NOTED	FLOOR BOX
	FLOOR BOX WITH (1) DUPLEX RECEPTACLE	FLOOR BOX
\bigoplus	FLOOR BOX WITH (1) QUADRUPLEX RECEPTACLE	FLOOR BOX
	WIREMOLD #3000 WITH HUBBELL 5352 DUPLEX 20A RECEPTACLES 24" ON CENTER	46"
0 0 0	PLUGMOLD #2000 WITH 20A DUPLEX RECEPTACLES 24" ON CENTER	46"
\Box +	PUSHPAD FOR AUTOMATIC DOORS (F.B.O.)	

CONDUIT CONCEALED IN FLOOR

EXIT LIGHT, CEILING MOUNTED

AREA OR STREET LIGHT FIXTURE

AREA OR STREET LIGHT FIXTURE

SOLENOID VALVE PRESSURE SWITCH

TRANSFORMER

PUSH BUTTON

HAND HOLE

MAN HOLE

RELAY

REMOTE EMERGENCY BATTERY PACK

JUNCTION BOX - NOT WALL MOUNTED

JUNCTION BOX - WALL MOUNTED

ENCLOSED CIRCUIT BREAKER

EXIT LIGHT, WALL MOUNTED

CONDUIT TURNING UP

CONDUIT EXPOSED ON WALL OR CEILING.

SURFACE MOUNTED LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT

SURFACE MOUNTED WALL LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT

SURFACE MOUNTED WALL LIGHT FIXTURE ON EMERGENCY BATTERY BACKUP

RECESSED MOUNTED WALL LIGHT FIXTURE ON EMERGENCY BATTERY BACKUP

SURFACE/SUSPENDED MOUNTED LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT

SURFACE MOUNTED FIXTURE ON EMERGENCY BATTERY BACKUP

RECESSED LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT

RECESSED LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT

RECESSED LIGHT FIXTURE ON EMERGENCY BATTERY BACKUP

TWO HEAD BATTERY POWERED EMERGENCY EGRESS LIGHT

DISCONNECT SWITCH, FUSIBLE RT DENOTES NEMA-3R

MOTOR CONNECTION WITH APPROXIMATE HORSE-POWER SHOWN

RECESSED LIGHT FIXTURE ON EMERGENCY BATTERY BACKUP

RECESSED WALL LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

MOUNTING HEIGHT

TO CENTERLINE UNO

> NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

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	REVISION DATES						
	09/15/22						
	ORIG	INAL ISSUE DATE					

PROJECT NO.: 22276 DRAWN BY: ICT

ELECTRICAL LEGENDS AND SCHEDULES

- A. UPDATED PANEL DIRECTORIES SHALL BE TYPEWRITTEN
- CONTRACTOR SHALL REFERENCE ARCHITECTRURAL RCP, FFE PLAN, POWER PLAN, AND POWER CEILING PLAN FOR LOCATIONS, CABLING REQUIREMENTS, AND DETAILS OF ELECTRICAL LIGHTING, POWER, AND LOW VOLTAGE FIXTURES AND DEVICES.

LIGHTING GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, 120V, 20A/1P BREAKERS SHALL UTILIZE #12 AWG CONDUCTORS. EXCEPTION: WHERE BRANCH CIRCUIT IS IN EXCESS OF 125 LINEAR FEET, CONDUCTORS SHALL BE #10 AWG. EQUIPMENT GROUNDING CONDUCTOR SHALL MATCH PHASE CONDUCTOR FOR 20A/1P BRANCH CIRCUITS.
- MAINTAIN A MINIMUM SEPARATION OF 24" BETWEEN CENTERLINE OF ALL LIGHT SWITCHES SET INTO OPPOSITE SIDES OF ALL SOUND ISOLATION WALLS. WHERE ABOVE NOTED CONDITION OCCURS AND REQUIRES A CONDUIT CONNECTION BETWEEN BOXES UTILIZE FLEXIBLE TYPE CONDUIT.
- BRANCH CIRCUITS SHALL BE INSTALLED PER ARTICLE 210.4 OF THE NEC. EACH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES.
- D. REFER TO ARCHITECTURAL INTERIOR ELEVATION DRAWINGS FOR EXACT LOCATION AND ORIENTATION OF SWITCHES.
- LIGHT FIXTURES SHALL NOT BE DAISY CHAINED WITH MC CABLE.
- F. REFERENCE ARCHITECTURAL PLANS FOR EXACT LIGHT FIXTURE LOCATIONS.

FIRE ALARM NOTES:

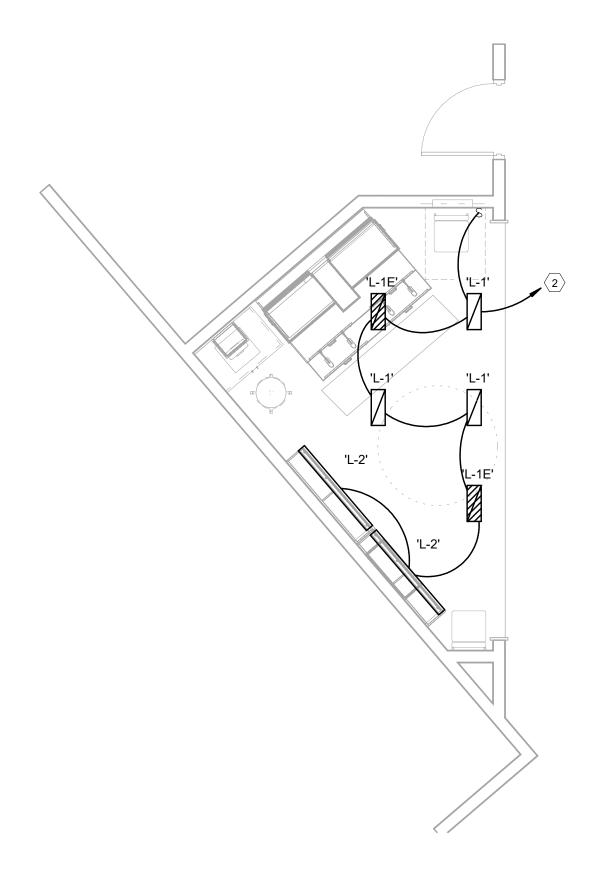
- A. FIRE ALARM MODIFICATIONS ARE GENERALLY LIMITED TO AREAS TO BE RENOVATED AS PART OF THIS PROJECT. FIRE ALARM INSTALLATION SHALL BE PERFORMED BY OWNER'S FIRE ALARM MAINTENANCE CONTRACTOR (SIMPLEX) UNDER CONTRACT WITH THIS CONTRACTOR. ALTERNATE FIRE ALARM SYSTEMS OR VENDORS SHALL NOT BE ACCEPTED.
- WHERE A NEW DEVICE IS INDICATED IN AN EXISTING LOCATION, CONTRACTOR MAY UTILIZE EXISTING FIRE ALARM CABLING.
- C. FIRE ALARM MODIFICATIONS SHALL BE PHASED AS NECESSARY TO MINIMIZE DISRUPTIONS TO NORMAL FACILITY OPERATIONS.
- D. CONTRACTOR SHALL SURVEY ALL EXISTING FIRE ALARM CABLING IN AREAS TO BE RENOVATED. WHERE NECESSARY, CONTRACTOR SHALL PROVIDE FIRE ALARM TERMINAL CABINETS AND NEW CABLING AS NECESSARY TO MAINTAIN INTEGRITY OF SYSTEM UPON NEW CONSTRUCTION. AS-BUILT DRAWINGS ARE AVAILABLE FROM JOHNSON CONTROLS/SIMPLEX. REFERENCE ARCHITECTURAL DEMOLITION AND REFLECTED CEILING PLANS.
- E. FIRE ALARM SYSTEMS SHALL BE SEISMICALLY BRACED.
- F. DEVICES SHALL BE SIMPLEX. FIRE ALARM CONDUIT SHALL BE RED.
- G. PROVIDE AND INSTALL SHUNT-TRIP DEVICES FOR ALL AUDIO SPEAKERS. CONNECT TO AIRPORT PUBLIC ADDRESS SYSTEM TO MUTE SOUNDS DURING EMERGENCY ANNOUNCEMENTS. ALL SOUND SYSTEMS SHALL OTHERWISE BE INDEPENDENT OF AIRPORT SYSTEMS.
- H. ALL FIRE ALARM WIRING TO BE IN RED CONDUIT FROM THE FACTORY (NOT FIELD PAINTED).

POWER GENERAL NOTES:

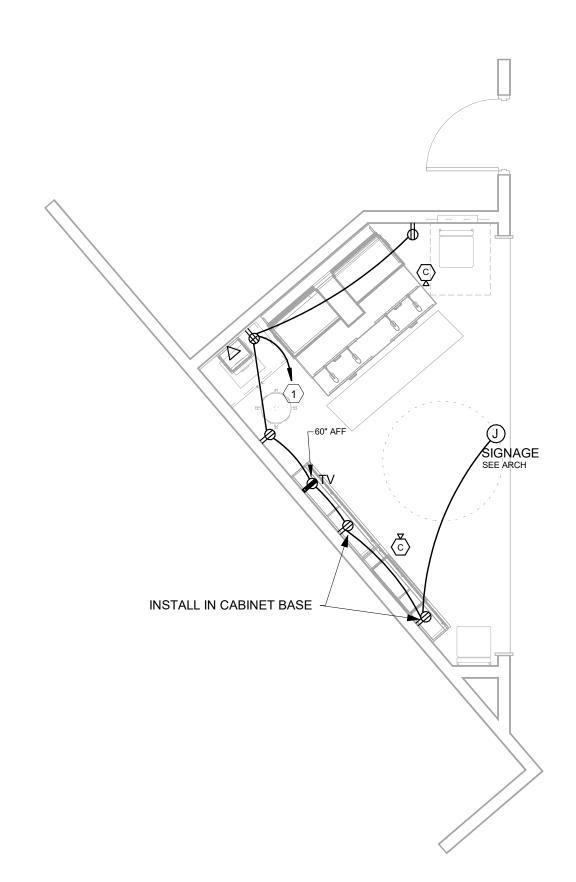
- A. BRANCH CIRCUITS SHALL BE INSTALLED PER NEC 210.4. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES, I.E. BREAKER HANDLE-TIE.
- UNLESS OTHERWISE NOTED, 120V, 20A/1P BREAKERS SHALL UTILIZE #12 AWG CONDUCTORS, EXCEPTION: WHERE BRANCH CIRCUIT IS IN EXCESS OF 100 LINEAR FEET, CONDUCTORS SHALL BE #10 AWG AND WHERE BRANCH CIRCUIT IS IN EXCESS OF 225 LINEAR FEET. CONDUCTORS SHALL BE #8 AWG. EQUIPMENT GROUNDING CONDUCTOR SHALL MATCH PHASE CONDUCTOR FOR 20A/1P BRANCH CIRCUITS.
- BRANCH CIRCUIT CONDUCTORS SIZED TO PREVENT VOLTAGE DROP MAY BE REDUCED IN SIZE AS LOAD SUPPLIED BY REMAINING CIRCUIT DECREASES. VOLTAGE DROP SHALL NOT EXCEED THREE PERCENT AT THE FARTHEST BRANCH CIRCUITS.
- MAINTAIN A MINIMUM SEPARATION OF 12" BETWEEN CENTERLINE OF ALL RECEPTACLES SET INTO OPPOSITE SIDES OF ALL SOUND ISOLATION WALLS WHERE ABOVE NOTED CONDITION OCCURS AND REQUIRES A CONDUIT CONNECTION BETWEEN BOXES, UTILIZE FLEXIBLE TYPE CONDUIT.
- REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATIONS OF DEVICES.
- F. CONTRACTOR TO UPDATE PANEL DIRECTORY UPON COMPLETION. NEW AND REUSED CIRCUITS ARE TO BE DISTINGUISHED FROM EXISTING AND NOT RE-USED CIRCUITS BY THE USE OF A BOLD TYPE FONT.
- EXTEND RELOCATED MECHANICAL EQUIPMENT CONNECTIONS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.
- REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF DUCT SMOKE DETECTORS, FIRE/SMOKE DAMPERS AND SMOKE CONTROL DAMPERS.
- LABEL ALL JUNCTION BOXES AND EVERY 20 LINEAR FEET OF CONDUIT WITH SERVICE PANELBOARD NAME AND CIRCUIT(S) NUMBER(S).
- LABEL ALL OUTLET PLATES WITH SOURCE PANELBOARD AND CIRCUIT NUMBERS WITH PRE-PRINTED, SELF-ADHERING LABELS.

ELECTRICAL NOTES:

- 1. TIE INTO EXISTING CIRCUIT ALLOCATED FOR THIS SPACE LT2MP3-57.
- 2. TIE INTO EXISTING LIGHTING CIRCUIT IN THIS AREA WITH 2#12, #12 GROUND IN 3/4" CONDUIT.



LIGHTING - FLOOR PLAN E101 SCALE: 1/4" = 1'-0"



POWER/SYSTEMS - FLOOR PLAN E101 SCALE: 1/4" = 1'-0"

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 NASHVILLE TN 37214

> > CONSULTANT



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DRAWN BY: ICT

PROJECT NO.: 22276

ELECTRICAL - FLOOR **PLANS**

E101

ELECTRCIAL

SECTION 26 01 00 GENERAL PROVISIONS

PART 1 - GENERAL

- 1.1 Provide all labor, materials, tools and service for a complete installation of equipment and systems specified herein and indicated on the drawings.
- 1.2 CODES AND STANDARDS: Electrical installation to be in accordance with the latest editions, including amendments or revisions to the following Codes:
 - A. International Building code, 2018.
 - National Fire Protection Association Codes, specifically NFPA-70-Nationals Electrical code, NFPA-101 Life Safety Code.

PART 2 - PRODUCTS

2.1 All materials and equipment used in carrying out these specifications to be new and bear the UL labels when such labels are available.

PART 3 - EXECUTION

- 3.1 Visit site and be informed of conditions under which work must be performed.
- 3.2 Examine other sections of these specifications and drawings to be familiar with work to be furnished by other tradesmen.
- Upon completion of work, installation to be tested including all systems and equipment.
- 3.4 Electrical Contractor to provide materials necessary for temporary lights and power as directed by the General Contractor.
- 3.5 Power Consumption will be paid for by the Owner.

SECTION 26 05 34 RACEWAYS - ELECTRIC METALLIC TUBING

PART 1 - GENERAL

- 1.1 Provide a complete conduit system with associated couplings, connectors, and fittings.
- 1.2 Electric metallic tubing my be installed concealed overhead and on exposed branch circuits above 6'.

PART 2 - PRODUCTS

- 2.1 Conduit to be 3/4" minimum size.
- 2.2 Provide compression or threaded type couplings, connectors, and fittings with case-hardened locknuts. Set-screw fittings are not permitted.

PART 3 - EXECUTION

- 3.1 Run concealed conduits in as direct line as possible between outlets.
- 3.2 Maintain integrity of fire partitions and floor slabs where conduits pass through sleeves from one area to another with UL listed 3-hour fire and smoke-stop fittings.
- 3.3 Complete all conduit systems before installing conductors.
- 3.4 Metal clad cabling (MC cable) shall only be installed within 6' of equipment termination andin accordance with the NEC.

SECTION 26 05 19 CONDUCTORS

PART 1 - GENERAL

1.1 Provide a complete system of conductors for lighting, power, fire alarm systems, and communication systems throughout the project.

PART 2 - PRODUCTS

- 2.1 All conductors to be 98 percent conductivity copper with 600-volt minimum insulation.
- 2.2 All conductors No. 10 and smaller to have type THHN/THWN insulation and be solid.
- 2.3 All conductors No. 8 and larger to have type THWN/THHN insulation and to be stranded.

PART 3 - EXECUTION

- 3.1 Install pull boxes in circuits or feeders over 100' long.
- 3.2 Make all splices or connection only at outlet or junction boxes.

SECTION 26 27 26 WIRING DEVICES

PART 1 - GENERAL

1.1 Provide switches, receptacles, and other wiring devices as indicatedon drawings.

PART 2 - PRODUCTS

- 2.1 All devices to be Bryan, Hubbell, or approved equivalent by Eage, Arrow hart, Pass and Ssymour, Bryant, Leviton, or General Electric.
- 2.2 Switches to be 20-amp, 120/277-volt.
- 2.3 Receptacles to be 20-amp, 125-volt.

PART 3 - EXECUTION

- 3.1 Mount all switches 48" above finished floor unless notes otherwise.
- 3.2 Mount all receptacles up 18" unless noted otherwise.
- 3.3 Check Architectural drawings for special mounting conditions in special areas.
- 3.4 Install green ground wire from panel to all receptacles.

DEVICE PLATES

1.1 Provide device plates on all switches, receptacles, telephone outlets, etc.

PART 2 - PRODUCTS

PART 1 - GENERAL

- 2.1 Device plates shall be stainless steel.
- 2.2 Plates to be Bryant, Hubbell, Sierra, or approved equivalent by device manufacturer.

PART 3 - EXECUTION

3.1 Install device plates in full contact with wall surfaces.

SECTION 26 05 29 SUPPORTING DEVICES AND HANGERS

PART 1 - GENERAL

1.1 Provide all hangars and supports required for all work.

PART 2 - PRODUCTS

2.1 Supports as manufactured by Caddy, Erico, and Steel City of approved equal.

PART 3 - EXECUTION

- 3.1 Secure conduits to within 3' of each outlet box at intervals not to exceed 5'.
- Use of chains, perforated iron, baling wire, or tie wire for supporting conduit runs will not be permitted.

SECTION 26 05 37

OUTLET BOXES PART 1 - GENERAL

1.1 Provide each fixture, switch receptacle, and other device with a galvanized outlet box of appropriate size and depth for its particular location and use.

PART 2 - PRODUCTS

2.1 Ceiling outlet boxes to be 4" octagon and wall boxes to be 4" square with raised plaster rings or device rings.

PART 3 - EXECUTION

- 3.1 Use boxes of sufficient cubic capacity to accommodate the number of conductors to be installed in accordance with the National Electrical Code.
- 3.2 Install boxes so that covers will be accessible at all times.

SECTION 26 05 26 GROUNDING

PART 1 - GENERAL

- 1.1 The entire installation shall be grounded in conformance with the National Electrical Code, Article 250.
- 1.2 All current consuming devices to have a green ground wire installed in the same conduit as the phase conductors from the panel to the device. This applies to receptacles, motors, etc.

PART 2 - PRODUCTS

2.1 All ground wire to be copper with a green insulation or if a green insulation is not available, then green identifying tape will be installed at both termination points.

PART 3 - EXECUTION

3.1 Provide ground wires throughout distribution system and to all utilization equipment, such as receptacles, motors, and other equipment.

SECTION 26 51 00 INTERIOR LIGHTING AND

PART 1 - GENERAL LAMPS

1.1 Provide labor and materials, equipment, and services necessary to provide all interior lighting fixtures and lamps.

PART 2 - PRODUCTS

- 2.1 Provide lighting fixtures as indicated on lighting fixture schedule on drawings.
- 2.2 All lighting shall be LED

PART 3 - EXECUTION

- 3.1 Joints and fixture wiring to be made using wire nuts, preinsulated Scotch locks or other approved mechanical means of connection.
- 3.2 Recess fixtures on lay-in type grid ceilings to be suitable for installation on this type ceiling and may use the ceiling suspension system to support the fixture.
- 3.3 Coordinate fixture locations to clear diffusers, ductwork, piping, etc.

SECTION 26 24 16 PANELBOARDS

PART 1 - GENERAL

- 1.1 Provide Circuit breaker type panelboards as indicated on drawings.
- 1.2 Refer to drawings for numbers of branch circuits, their ratings, number of poles, arrangements, etc.

PART 2 - PRODUCTS

- 2.1 Provide panelboards by Square D, G.E., Siemens, Cutler-Hammer, or approved substitute. Square D type designations are used to indicate type and quality of panelboards.
- 2.2 Lighting panelboards for 120/208-volts, 3-phase, 4-wire shall be Square D type NQOD door-in-door type.
- 2.3 Lighting panelboards for 277/480-volts, 3-phase, 4-wire service shall be Square D type NF door-in-door type.
- 2.4 Provide panelboards of circuit breaker, dead-front safety type, UL labeled and meeting all applicable requirements of the National Electrical Manufacturers Association.
- 2.5 Provide separate ground bars complete with lugs or connections on bar Provide isolated ground bars as noted on schedules.

PART 3 - EXECUTION

3.1 Provide typed directory cards mounted under plastic on the doors of all panelboards.

SECTION 26 22 00 DRY TYPE TRANFORMERS

PART 1 - GENERAL

- 1.1 All work specified in this section shall comply with the provisions of Section 260100.
- 1.2 Provide dry type transformer as shown on riser diagram.

PART 2 - PRODUCTS

2.1 Transformers shall be as manufactured by Square D, G.E., Cutler-Hammer, Eaton or approved substitute.

PART 3 - EXECUTION

- 3.1 INSTALLTION
- A. Provide flexible conduit to and from transformer, no longer than 3'-0" in length.
- B. Install transformers in accordance with manufacturers'recommendations.
- Provide working clearance as required by NEC.

 C. Provide both primary and secondary protection by use of fuses or circuit breakers as shown

ings.

SECTION 27 3700 - LOW VOLTAGE ROUGH-IN SPECIFICATIONS

WORK INCLUDED

A. All work specified in this section shall comply with the provisions of Division 26

B. All conduit rough-in and outlet boxes for all low voltage systems/communications shall be provided and installed by Electrical Contractor.

C. All device locations will be as shown on communications

systems drawings. Refer to system details for height requirements. PART 2 PRODUCTS

2.1 EQUIPMENT

PART 1 GENERAL

A. All low voltage conduits shall be 1" EMT stubbed to tenant electrical closet. Exposed cabling is not allowed
 B. Contractor to provide standard outlet boxes to conform to "OUTLET BOX" section of these specifications and sized as shown on drawings.

C. The Electrical Contractor is responsible for all hangers, straps, and support structure necessary to properly hang/support conduit.

PART 3 EXECUTION

3.1 INSTALLATION

The General contractor will schedule the installation of the B. The Electrical Contractor will receive, store and protect all rough-in equipment The Electrical Contractor shall use building lines or 90° angles when installing conduit. D. The Electrical Contractor shall work with others trades to coordinate location and installation of bracing for TV brackets. E. For structured voice and data cabling infrastructure, the Electrical Contractor is to provide all rough-in, sleeves, fire stopping and standard outlet boxes. The Communications Contractor is to provide and install all cable, low voltage relays, and special backboxes All equipment, devices, terminations and miscellaneous hardware required for a complete system is to be provided and installed. For television cable system, background music/paging system, and intercom system, the Electrical Contractor is to provide all rough-in, sleeves, fire stopping and standard outlet boxes. The Communications Contractor is to provide and install all cable, low voltage relays, and special backboxes. All equipment, devices, and miscellaneous hardware required for a complete system is to be

provided and installed by the respective Owner/Vendor. G. All low voltage shall be installed in conduit.

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL

DR., CONCOURSE C

SPACE CD.04 NASHVILLE TN 37214

CONSULTANT



CONSULTING ENGINEERS
2950 KRAFT DRIVE
NASHVILLE, TN. 37204
PHONE (615) 346-3400
www.icthomasson.com
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ORIGINAL ISSUE DATE

ELECTRICAL

SPECIFICATIONS

PROJECT NO.: 22276

E204

2. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE, NFPA REQUIREMENTS, AND ALL LOCAL CODES.

3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. DRAWINGS SHALL NOT BE SCALED.

4. CONTRACTOR SHALL FIELD VERIFY BY MEASUREMENT THE EXACT LOCATION OF EQUIPMENT, DUCTWORK, PIPING, STRUCTURE, AND OTHER CONDITIONS WHICH WILL AFFECT INSTALLATION. CONTRACTOR SHALL LOCATE EQUIPMENT AND ROUTE DUCTWORK AND PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH EXISTING CONDITIONS.

5. COORDINATE DUCT, PIPING, AND EQUIPMENT LOCATIONS WITH ELECTRICAL ROOMS, ELEVATOR EQUIPMENT ROOMS, AND ALL ELECTRICAL PANEL LOCATIONS. DO NOT PASS ANY MECHANICAL OR PLUMBING PIPING OR CONDENSATE PRODUCING EQUIPMENT DIRECTLY OVER ELECTRICAL PANELS, ELECTRICAL EQUIPMENT, ELEVATOR EQUIPMENT, CONTROLS, OR TELECOMMUNICATIONS EQUIPMENT. SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.

6. CEILING DIFFUSER AND REGISTER LOCATIONS ARE APPROXIMATE ONLY. SEE ARCHITECTURAL FOR EXACT LOCATIONS OF ALL AIR DISTRIBUTION DEVICES (WALL AND CEILING).

7. ALL CUTTING AND PATCHING SHALL BE COORDINATED. ALL PATCHING SHALL RESTORE EACH DAMAGED SURFACE TO ITS ORIGINAL FINISH.

8. ALL EXPOSED DUCTWORK, PIPING, AND EQUIPMENT IN FINISHED SPACES TO BE INSTALLED AS HIGH AS POSSIBLE ABOVE FINISHED FLOOR AND SHALL BE PREPARED WITH PAINT GRIP SUITABLE FOR PAINTING.

9. ALL AIR DISTRIBUTION SYSTEM(S) SHALL BE TESTED AND BALANCED IN ACCORDANCE WITH A.A.B.C. OR N.E.B.B. REQUIREMENTS. A CERTIFIED AIR BALANCE REPORT SHALL BE PREPARED PRIOR TO PROJECT CLOSEOUT.

10. ALL LOW PRESSURE DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST SMACNA HVAC DUCT CONSTRUCTION MANUAL FOR 2" W.G. STATIC PRESSURE. DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL.

11. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR. ALLOWANCE MUST BE MADE IN SHEET METAL SIZE WHERE DUCT LINER IS SPECIFIED.

12. ALL MEDIUM PRESSURE SUPPLY DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST SMACNA HVAC DUCT CONSTRUCTION MANUAL FOR 4" W.G. STATIC PRESSURE. DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL. SEAL ALL TRANSVERSE JOINTS WITH DUCT SEALANT AS SPECIFIED.

13. SUPPLY DUCTWORK SHALL BE INTERNALLY INSULATED FOR THE FIRST 20 FEET OF SUPPLY DUCT FROM AIR HANDLING UNIT. ALL OUTSIDE AIR DUCT, AND ALL TRANSFER AIR DUCT (TAD) SHALL BE INTERNALLY INSULATED WITH 1" THICK, 3 LB. DENSITY, EQUAL TO CERTAINEED TOUGHGUARD. CONCEALED LOW PRESSURE SUPPLY DUCT NOT INTERNALLY LINED SHALL HAVE EXTERIOR WRAP INSULATION AS SPECIFIED. LOW PRESSURE RETURN AIR OR TRANSFER AIR DUCT SHALL BE LINED FOR 20 FEET FROM RETURN AIR DEVICE.

14. NO FLEXIBLE DUCT SHALL BE EXPOSED. NO DUCT WRAP INSULATION SHALL BE EXPOSED. DUCT EXPOSED IN MECHANICAL ROOMS SHALL BE EXTERNALLY INSULATED WITH RIGID INSULATION AS SPECIFIED.

15. DUCT RUNOUTS TO REGISTERS TO BE AS SCHEDULED UNLESS OTHERWISE INDICATED ON PLANS. CONTRACTOR TO PROVIDE A TRANSITION AT NECK OF EACH AIR DISTRIBUTION DEVICE AS REQUIRED.

16. DUCT RUNOUT SIZES TO VAV TERMINAL BOXES TO BE AS SCHEDULED UNLESS NOTED OTHERWISE ON PLANS. CONTRACTOR TO PROVIDE A TRANSITION FROM PLAN INDICATED RUN-OUT SIZE. SEE DETAIL FOR BOX CONNECTION.

17. FIRE DAMPERS TO BE TYPE "B" OR "C" DYNAMIC UNLESS OTHERWISE NOTED. INSTALLATION OUT OF AIRSTREAM AND IN STRICT ACCORDANCE WITH MANUFACTURER'S U.L. LISTED INSTALLATION INSTRUCTIONS AND SMACNA FIRE DAMPER GUIDE.

18. PROVIDE 4" HIGH CONCRETE PAD FOR ALL FLOOR-MOUNTED **EQUIPMENT**

19. WHERE BRANCH TAPS OCCUR, PROVIDE INDIVIDUAL SPIN-IN FITTINGS WITH MANUAL-VOLUME DAMPERS FOR BALANCING. DO NOT USE TYPE WITH AIR SCOOP/EXTRACTOR. ADDITIONALLY, PROVIDE OPPOSED-BLADE VOLUME DAMPERS AT EACH AIR DISTRIBUTION DEVICE.

20. COORDINATE LOCATION AND PROVIDE DUCT ACCESS DOORS FOR ACCESS TO ALL FIRE DAMPERS, VALVES AND OTHER ENCLOSED ITEMS DUCT ACCESS DOORS MAY BE OMITTED WHERE TYPE "A" FIRE DAMPERS ARE ACCESSIBLE THROUGH SIDEWALL REGISTER FACE. INSURE DUCT ACCESS DOORS AND DAMPERS ARE ACCESSIBLE THROUGH CEILINGS AND WALLS. LOCATE DUCT ACCESS DOORS ABOVE SPACES WITH LAY-IN CEILINGS OR EXPOSED CEILINGS WHERE POSSIBLE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES.

21. DUCTWORK AND PIPE UNDER ROOF DECK SHALL BE SUPPORTED FROM STEEL BEAMS OR FROM SUPPLEMENTARY FRAMING SUPPORTED BY STEEL BEAMS.

22. DUCTWORK CAN BE HUNG FROM FLOOR DECK WITH CONCRETE FILL. SUPPORT DUCTWORK FROM STEEL BEAMS WHERE PRACTICAL.

23. PIPE 4" AND SMALLER CAN BE HUNG FROM FLOOR DECK WITH CONCRETE FILL. SUPPORT PIPE FROM STEEL BEAMS WHERE PRACTICAL.

24. REFER TO THE IBC AND NFPA FOR CAULKING REQUIREMENTS AROUND FIRE AND FIRE/SMOKE DAMPERS.

	SUPPLY DIFFUSER SCHEDULE							
SYMBOL	ADAPTOR/ NECK SIZE	FACE SIZE	MAX CFM	MAX TP	MAX NC	THROW	DUCT RUNOUT SIZE *	
SA	6" Ø	24"x24"	100	0.022	20	4-WAY	8"x5"/6" Ø	
SB	8" Ø	24"x24"	200	0.042	20	4-WAY	10"x7"/8" Ø	
SC	10" Ø	24"x24"	350	0.088	20	4-WAY	12"x8"/10" Ø	
SD	12" Ø	24"x24"	500	0.127	20	4-WAY	14"x9"/12" Ø	
SE	14" Ø	24"x24"	700	0.173	23	4-WAY	16"x10"/14" Ø	
SF	15" Ø	24"x24"	950	0.259	28	4-WAY	16"x12"/16" Ø	

1. SA THRU SE ARE TITUS MODEL OMNI STEEL DIFFUSERS

ALL SUPPLY DIFFUSERS SHALL BE PROVIDED W/2" INSULATION BLANKET ON BACK OF DIFFUSER. ALL DIFFUSERS SHALL HAVE OPPOSED BLADE DAMPERS (OBD).

* RUNOUTS ARE DUCTS SERVING ONLY ONE SUPPLY DIFFUSER.

CEILING GRILLES & REGISTERS

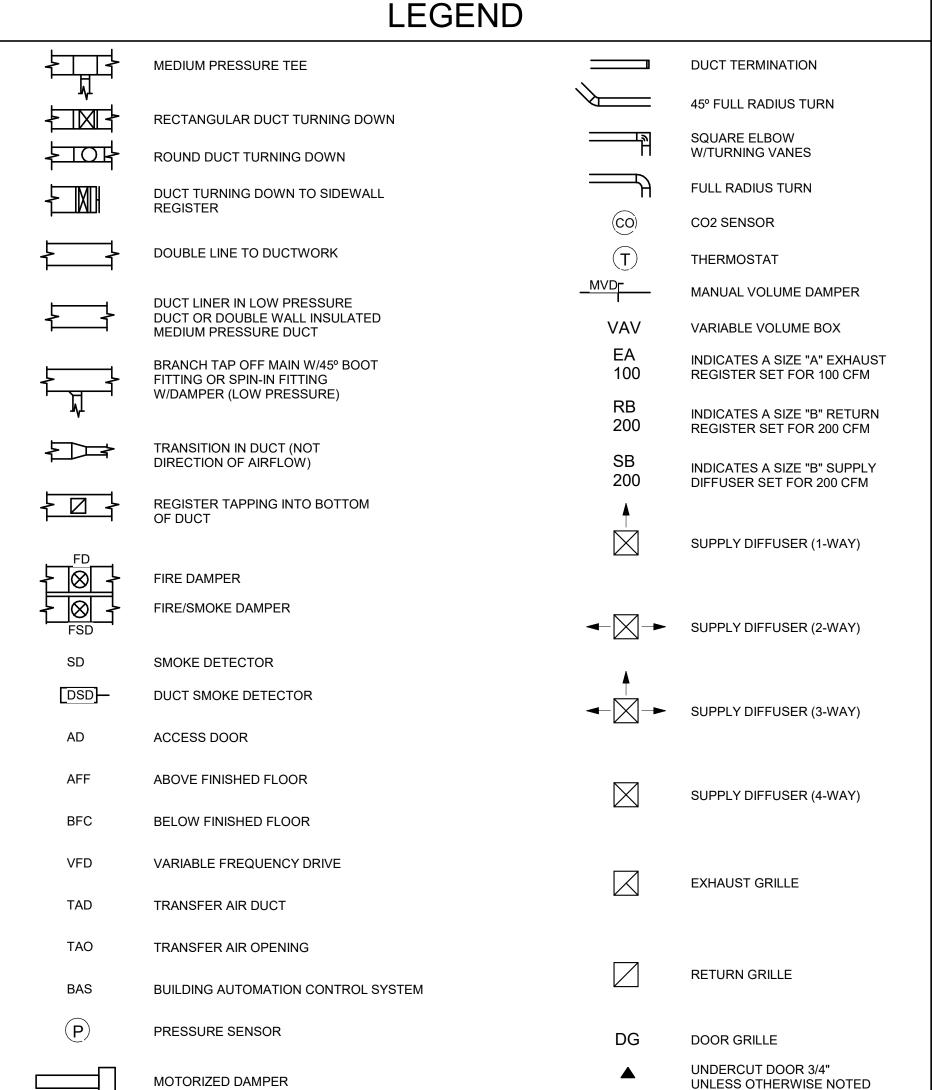
SYMBOL	NECK	FACE	MAX CFM	MAX SP	MAX NC	DUCT RUNOUT SIZE *
RA/EA	6" SQ	24"x24"	100	.06	20	8"x5"/6" Ø
RB/EB	8" SQ	24"x24"	200	.06	20	10"x7"/8" Ø
RC/EC	10" SQ	24"x24"	350	.06	20	12"x8"/10" Ø
RD/ED	12" SQ	24"x24"	500	.06	20	14"x9"/12" Ø
RE/EE	14" SQ	24"x24"	700	.06	20	16"x10"/14" Ø
RF/EF	16" SQ	24"x24"	1000	.06	20	20"x10"/16" Ø
RG/EG	18" SQ	24"x24"	1250	.06	20	24"x10"/18" Ø
RH/EH	22" SQ	24"x24"	1750	.06	20	24"x12"/18" Ø

PERFORMANCE BASIS:

1. RA/EA THRU RH/EH SHALL BE TITUS MODEL 50F OR APPROVED EQUAL WITH 1/2"x1/2"x1/2" EGG-CRATE

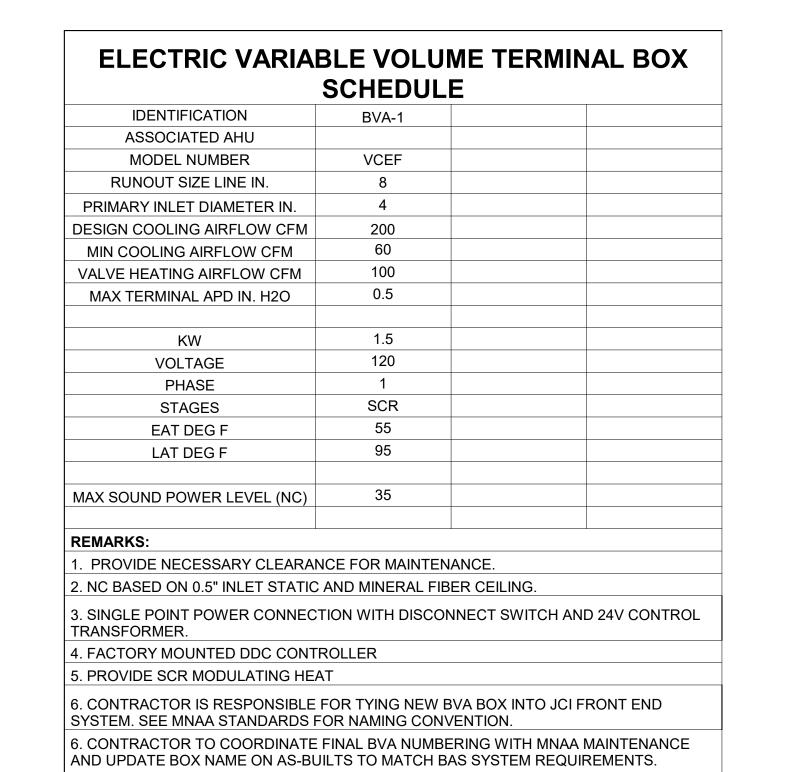
2. TRANSFER AIR GRILLE (TAG) SHALL BE TITUS 350RL OR APPROVED EQUAL FOR SIDEWALL OR TITUS 50F FOR CEILING APPLICATIONS. SIZE AS SHOWN ON PLANS.

* RUNOUTS ARE DUCTS SERVING ONLY ONE GRILLE OR REGISTER.



VIEW NAME LEGEND **VIEW** NUMBER A101 SHEET

NUMBER USED PIPING LEGEND DIRECTION OF WATER FLOW ── MCD── MOISTURE CONDENSATE DRAIN LINE TEE HWS HOT WATER SUPPLY ── HWR── HOT WATER RETURN PIPE TURNING DOWN PIPE TURNING UP PIPE SHUT OFF VALVE



AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

SPACE CD.04 NASHVILLE TN 37214

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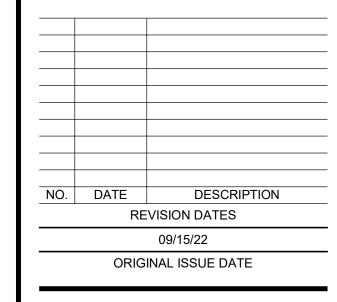
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DRAWN BY: Author MECHANICAL -

LEGENDS, DETAILS,

AND SCHEDULES

PROJECT NO.: 22276

<u>DRAWING LOCATION:</u> C:\Users\weaton\Documents\|CT_BNA-Shine_MEP20_CD.04_weaton48

DATE & TIME: 10/19/2022 8:42:02 AM

MECHANICAL SPECIFICATIONS:

- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE OPERATIONAL HEATING, VENTILATING, AND COOLING SYSTEM WHICH MEETS ALL GOVERNING CODES AND IN ACCORDANCE WITH THE DESIGN DRAWINGS.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE, NFPA REQUIREMENTS, AND ALL LOCAL CODES.
- 3. THE CONTRACTOR SHALL PAY FOR ALL FEES, PERMITS, AND CHARGES AS REQUIRED TO ACHIEVE THE INSTALLATION.
- 4. MECHANICAL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. DRAWINGS SHALL NOT BE SCALED.
- 6. DEVICES, AND MATERIALS USED FOR THE JOB. ALLOW A MINIMUM OF 7 DAYS REVIEW TIME FOR SCHEDULING PURPOSES. WHEN REQUESTED, SUBMIT ANY PRODUCT SAMPLES TO ARCHITECT FOR REVIEW.
- 7. PROVIDE ACCESS DOORS IN DUCTS, WALLS, AND CEILINGS AS REQUIRED TO ACCESS DAMPERS, VALVES, AND OTHER ENCLOSED ITEMS. COORDINATE LOCATION OF ALL DOORS WITH GENERAL CONTRACTOR.
- 8. NOTE THAT SOME SYSTEMS USE CEILINGS AND EQUIPMENT ROOMS AS RETURN AIR PLENUMS. CONTRACTOR SHALL COORDINATE TO ENSURE THAT ALL MATERIALS WITHIN THE PLENUMS ARE FULLY NONCOMBUSTIBLE AND/OR RATED FOR PLENUM SERVICE.
- 9. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
- 10. THE DRAWINGS MAY NOT SHOW ALL EXISTING ITEMS OR CONDITIONS. CONTRACTOR SHALL NOT RECEIVE EXTRA PAYMENT FOR REQUIREMENTS WHICH CAN BE INFERRED THROUGH OBSERVATION OF EXISTING CONDITIONS AT THE SITE. IN THE EVENT CONCEALED CONDITIONS ARE ENCOUNTERED WHICH MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE DESIGNER BEFORE PROCEEDING WITH WORK.
- 11. CONTRACTOR SHALL FIELD VERIFY BY MEASUREMENT THE EXACT LOCATION OF EQUIPMENT, DUCTWORK, PIPING, STRUCTURE, AND OTHER CONDITIONS WHICH WILL AFFECT INSTALLATION. CONTRACTOR SHALL LOCATE EQUIPMENT AND ROUTE DUCTWORK AND PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH EXISTING FIELD CONDITIONS.
- PRIOR TO ANY INSTALLATION, CLOSELY COORDINATE ALL MECHANICAL WORK WITH PLUMBING. FIRE PROTECTION. ELECTRICAL. ARCHITECTURAL. AND STRUCTURAL WORK.
- 13. CONTRACTOR TO ENSURE ALL EQUIPMENT AND SERVICES WILL FIT IN AVAILABLE SPACES ALLOWING CEILING HEIGHTS INDICATED ON ARCHITECTURAL PLANS. INSTALL EQUIPMENT SO AS TO PROVIDE CLEARANCES SHOWN ON DRAWINGS AND AS RECOMMENDED BY MANUFACTURER FOR AIRFLOW, SERVICE, MAINTENANCE, AND FILTER REMOVAL AS APPLICABLE.
- 14. COORDINATE DUCT, PIPING, AND EQUIPMENT LOCATIONS WITH ELECTRICAL PANEL LOCATIONS. DO NOT PASS ANY MECHANICAL OR PLUMBING ITEMS DIRECTLY OVER ELECTRICAL PANELS. SEE ELECTRICAL DRAWINGS FOR EXACT PANEL LOCATIONS.
- 15. CEILING DIFFUSER AND REGISTER LOCATIONS ARE APPROXIMATE ONLY. EXACT LOCATIONS TO BE DETERMINED BY ARCHITECTURAL REFLECTED CEILING PLANS. MANY
- 16. DUCTS AND PIPES ARE ROUTED ABOVE FURRED DOWN/LOWERED CEILINGS. CLOSELY COORDINATE DUCT AND PIPE ROUTING WITH ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE SIDEWALL REGISTER MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITECTURAL CEILING HEIGHTS.
- 17. ALL CUTTING AND PATCHING SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR.
- 18. ALL PATCHING SHALL RESTORE EACH DAMAGED SURFACE TO ITS ORIGINAL FINISH.
- 19. ALL EXPOSED DUCTWORK, PIPING, AND EQUIPMENT IN FINISHED SPACES TO BE INSTALLED AS HIGH AS POSSIBLE ABOVE FINISHED FLOOR.
- 20. ALL AIR DISTRIBUTION SYSTEM(S) SHALL BE TESTED AND BALANCED IN ACCORDANCE WITH A.A.B.C. REQUIREMENTS TO WITHIN TEN PERCENT (10%) OF THE VALUES SHOWN ON THE DRAWINGS. THREE COPIES OF A CERTIFIED AIR BALANCE REPORT SHALL BE GIVEN TO THE ARCHITECT PRIOR TO PROJECT CLOSEOUT.
- 21. BALANCE AND ADJUSTING MUST OCCUR PRIOR TO INSTALLATION OF "HARD" CEILINGS IN ORDER TO ACCESS BRANCH FITTING DAMPERS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES.
- 22. ALL LOW-PRESSURE DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE 1995 SMACNA HVAC DUCT CONSTRUCTION MANUAL FOR 2" W.G. STATIC PRESSURE AND CLASS "C" SEALS. DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL. SEAL ALL TRANSVERSE JOINTS WITH DUCT SEALANT, HARDCAST #P301. SUPPORT ALL DUCTWORK WITH SUITABLE SHEARED STRIPS OF GALVANIZED METAL OF 1" X 1/8 " STEEL BAND IRON HANGERS ON EACH SIDE OF DUCT. SPACE HANGERS MAXIMUM 8 FEET ALONG DUCT AND SECURE HANGERS TO STRUCTURE AS REQUIRED.
- 23. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR. ALLOWANCE MUST BE MADE IN SHEET METAL SIZE WHERE DUCT LINER IS SPECIFIED.
- 24. ALL SUPPLY AND OUTSIDE AIR DUCT TO BE EXTERNALLY INSULATED WITH 1-1/2" THICK, 1 LB. DENSITY, FLEXIBLE, FACTORY-REINFORCED GLASS FIBER BLANKET WITH FOIL-FACED VAPOR BARRIER JACKET. SEAL ALL SEAMS, RIPS, TEARS, STAPLES, ETC., IN VAPOR BARRIER WITH VAPOR BARRIER MASTIC EMBEDDED WITH FIBERGLASS MESH CLOTH. PRESSURE SENSITIVE TAPE NOT ALLOWED.
- 25. ALL RETURN DUCT TO BE INTERNALLY INSULATED WITH 1" THICK, 1 1/2 LB. DENSITY, NEOPRENE-COATED FIBERGLASS MATT-FACED FLEXIBLE DUCT LINER FOR THE FIRST 10 FT. FROM THE UNIT CONNECTION OR 2 FT. PRIOR TO OUTSIDE AIR DUCT CONNECTION, WHATEVER IS GREATER. ALLOWANCE MUST BE MADE IN DUCT SIZES TO ACCOMMODATE LINER.
- 26. FLEXIBLE DUCTWORK SHALL BE EQUIVALENT TO WIREMOLD TYPE WGC, 1" THICK FIBERGLASS INSULATION AND VAPOR BARRIER. NO FLEXIBLE DUCT SHALL PASS THROUGH ANY WALL, FIRE RATED OR OTHERWISE. NO FLEXIBLE DUCT SHALL BE EXPOSED. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 6'-0" AT EACH LOW PRESSURE DUCT CONNECTION.
- 27. LOW-PRESSURE DUCT RUNOUTS TO DIFFUSERS AND REGISTERS TO BE AS SCHEDULED UNLESS OTHERWISE INDICATED ON PLANS. CONTRACTOR TO PROVIDE A TRANSITION AT NECK OF EACH TERMINAL DEVICE.
- WHERE BRANCH TAPS OCCUR, PROVIDE INDIVIDUAL SPIN-IN FITTINGS WITH MANUAL VOLUME DAMPERS FOR BALANCING. DO NOT USE TYPE WITH AIR SCOOP/EXTRACTOR. ADDITIONALLY, PROVIDE OPPOSED-BLADE VOLUME DAMPERS AT EACH AIR TERMINAL DEVICE.
 PROVIDE CANVAS, FLAME RETARDANT DUCT CONNECTORS AT ALL CONNECTIONS OF
- HP UNITS TO DUCTWORK.

 30. INTERNALLY LINE ALL EXPOSED SUPPLY DUCT AND FOR A MINIMUM OF 10'-0" FROM EACH UNIT DISCHARGE WITH 1 1/2 " THICK DUCT LINER. REMAINDER OF DUCTWORK TO BE EXTERNALLY
- INSULATED PER SPECIFICATIONS.

 31. SQUARE CEILING DIFFUSERS SHALL BE EQUAL TO TITUS "OMNI". DIFFUSERS TO BE COMPLETE WITH OPPOSED-BLADE VOLUME DAMPER, FLUSH-MOUNT FRAME, AND FINISH TO BE BAKED-ON, OFF WHITE ENAMEL. EXAMINE ARCHITECTURAL PLANS TO DETERMINE
- ACTUAL CEILING TYPES TO BE USED.

 32. RETURN/EXHAUST AIR REGISTER SHALL BE EQUAL TO TITUS "50-F-5". REGISTER TO BE COMPLETE WITH OPPOSED-BLADE VOLUME DAMPER, FLUSH-MOUNT FRAME, AND FINISH TO BE BAKED-ON, OFF-WHITE ENAMEL.
- 33. SIDEWALL SUPPLY REGISTER, DENOTED "SAR," TO BE TITUS MODEL 272RL5 REGISTER OR EQUAL. GRILLES TO BE COMPLETE WITH 3/4 " SPACED, DOUBLE-DEFLECTION AIRFOIL BLADES, OPPOSED-BLADE VOLUME DAMPER, 3/4 " BORDER, AND OFF-WHITE FINISH.
- 34. FIRE DAMPERS TO BE TYPE "B" UNLESS OTHERWISE NOTED. INSTALLATION TO BE IN STRICT ACCORDANCE WITH MANUFACTURER'S U.L. LISTED INSTALLATION INSTRUCTIONS AND SMACNA FIRE DAMPER GUIDE.
- 35. VAV TERMINAL UNITS WITH MINIMUM 22-GAUGE WELDED GALVANIZED STEEL HOUSING, SLIP AND DRIVE DUCT CONNECTION, HANGER HOLES OR BRACKETS, AND 1/2 INCH THICK INTERNAL GLASS FIBER INSULATION WITH MINIMUM 22-GAUGE INNER SHEET METAL LINER. INSULATION TO BE UL LISTED AND MEET NFPA-90A AND UL-181 REQUIREMENTS. DEVICE TO BE DOUBLE WALL CONSTRUCTION.

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

> SPACE CD.04 NASHVILLE TN 37214

> > CONSULTANT



I.C. Thomasson Associates, Inc.

CONSULTING ENGINEERS
2950 KRAFT DRIVE
NASHVILLE, TN. 37204
PHONE (615) 346-3400
www.icthomasson.com
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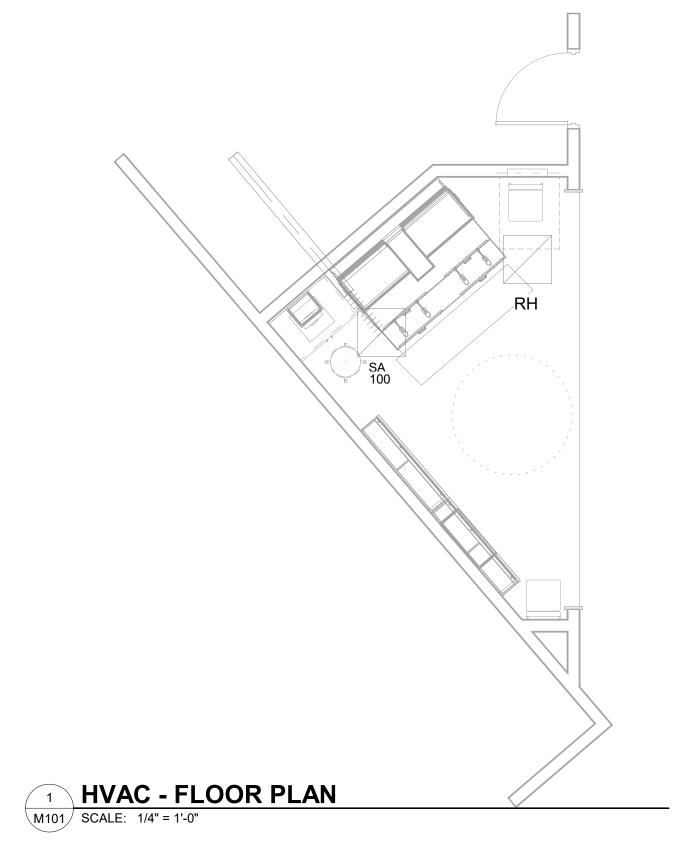
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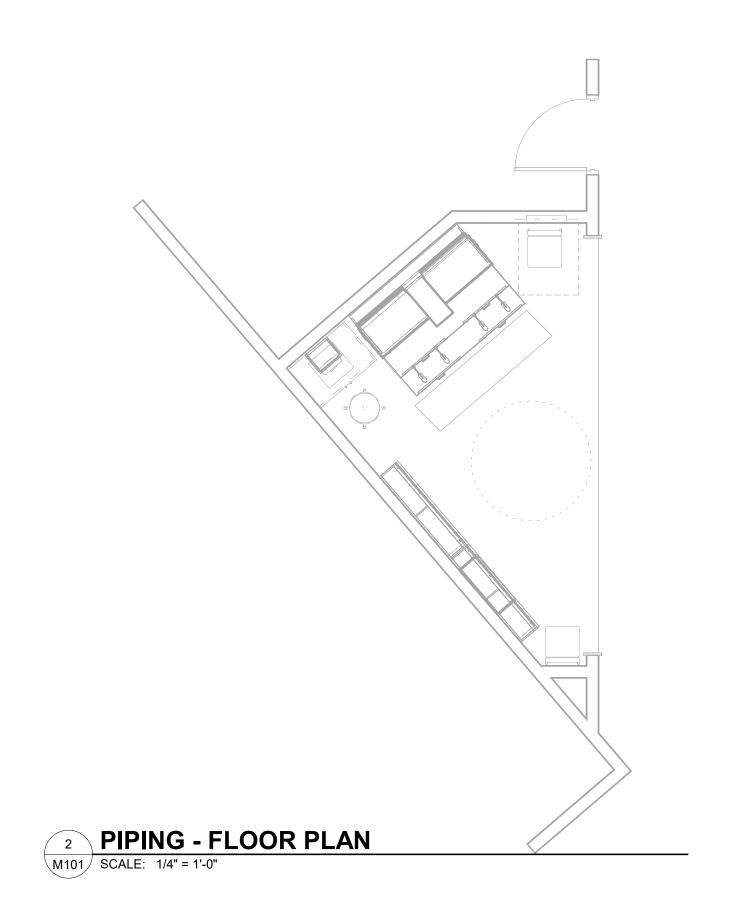
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MECHANICAL -SPECIFICATIONS

M002





AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

SPACE CD.04 NASHVILLE TN 37214



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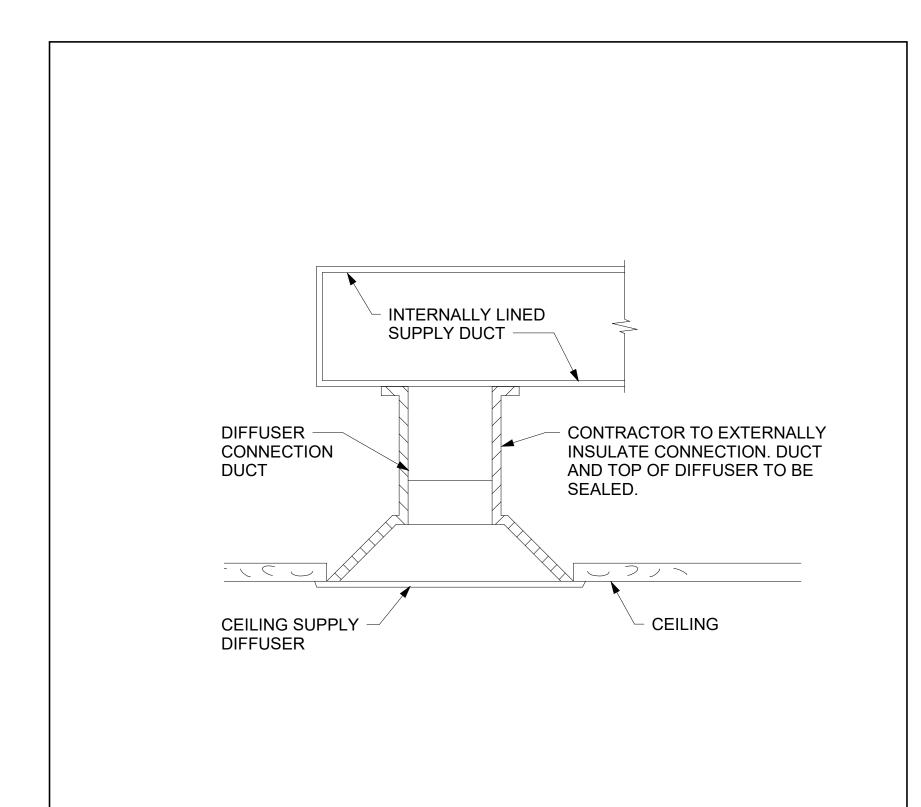
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MECHANICAL - FLOOR PLANS

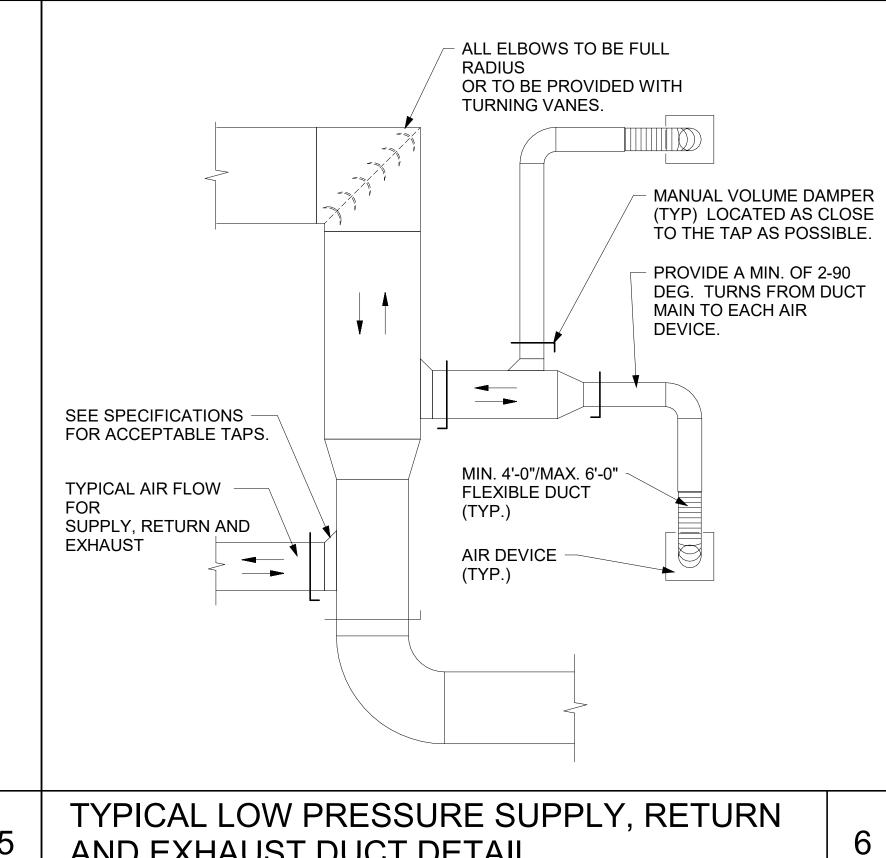
M101





INSULATING DETAIL OF SUPPLY DIFFUSER No Scale

3



AND EXHAUST DUCT DETAIL

SHEET METAL BOOT -

DIMINSION SHALL BE AS INDICATED ON

REGISTER RUN-OUT

MIN.

RETURN AIR TO RETURN PLENUM

INSIDE CLEAR

SCHEDULE.

1/2" INTERNAL MATT-FACED

SOUND LINER

LAY-IN CEILING

TYPICAL RETURN

REGISTER SEE FOR SIZE

RETURN REGISTER SOUND BOOT DETAIL

FIT-OUT TIME FOR A

AIRPORT INTERIOR

TENANT RETAIL

SHINE CD.04

NASHVILLE INT'L AIRPORT, 1 TERMINAL DR., CONCOURSE C

SPACE CD.04 NASHVILLE TN 37214

CONSULTANT

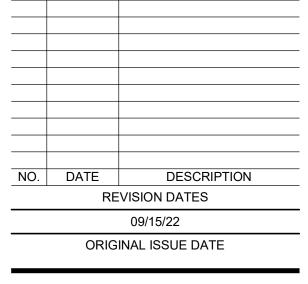


CONSTRUCTION DRAWINGS



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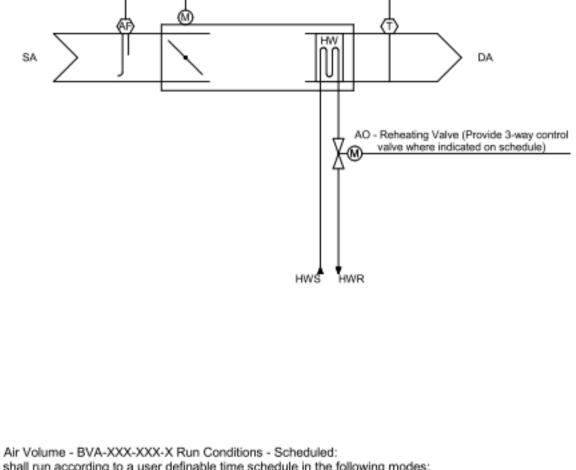




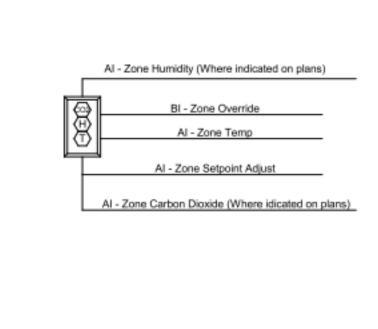
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MECHANICAL DETAILS

M201



AI - Discharge Air Temp



Variable Air Volume - BVA-XXX-XXX-X Run Conditions - Scheduled:

The unit shall run according to a user definable time schedule in the following modes:

- Occupied Mode: The unit shall maintain A 75°F (adj.) cooling setpoint
- A 70°F (adj.) heating setpoint.
- Unoccupied Mode (night setback): The unit shall maintain
- A 85°F (adj.) cooling setpoint. A 55°F (adj.) heating setpoint.

Alarms shall be provided as follows:

AO - Zone Damper

AI - Airflow

High Zone Temp: If the zone temperature is greater than the cooling setpoint byuser definable amount (adj.). Low Zone Temp: If the zone temperature is less than the heating setpoint by a user definable amount (adj.).

The occupant shall be able to adjust the zone temperature heating and cooling setpoints at the zone sensor. (Only in Back of House spaces, not in Public Spaces)

The unit shall use an optimal start algorithm for morning start-up. This algorithm shall minimize the unoccupied warm-up or cool-down period while still achieving comfort conditions by the start of scheduled occupied period.

Zone Unoccupied Override:

A timed local override control shall allow the BAS to override the schedule and place the unit into an occupied mode for an adjustable period of time. At the expiration of this time, control of the unit shall automatically return to the schedule.

Reversing Variable Volume Terminal Unit - Flow Control: The unit shall maintain zone setpoints by controlling the airflow through one of the following:

When zone temperature is greater than its cooling setpoint, the zone damper shall modulate between the minimum occupied airflow (adj.) and the maximum cooling airflow (adj.) until the zone is satisfied.

- When the zone temperature is between the cooling setpoint and the heating setpoint, the zone damper shall maintain the minimum required zone ventilation (adj.). When zone temperature is less than its heating setpoint, the controller shall enable heating to maintain the zone temperature at its heating setpoint.
- When the zone is unoccupied the zone damper shall control to its minimum unoccupied airflow (adj.).
- When the zone temperature is greater than its cooling setpoint, the zone damper shall modulate between the minimum unoccupied airflow (adj.) and the maximum cooling airflow (adj.) until the zone is satisfied.
- When zone temperature is less than its unoccupied heating setpoint, the controller shall enable heating to maintain the zone temperature at the setpoint.

Reheating Coil Valve:

The controller shall measure the zone temperature and modulate the reheating coil valve open on dropping temperature to maintain its heating setpoint.

When cold air is available from the AHU and there is no fan present in the box, the zone damper shall modulate to the minimum occupied airflow (adj.). If more heat is required, the zone damper shall modulate to the auxiliary heating airflow (adj.).

Discharge Air Temperature: The controller shall monitor the discharge air temperature.

Alarms shall be provided as follows: High Discharge Air Temp: If the discharge air temperature is greater than 120°F (adj.). Low Discharge Air Temp: If the discharge air temperature is less than 40°F (adj.).

Where humidity sensor is shown on plans BAS shall measure space humidity. When space humidity rises above 65% (adj.) box minimum shall index to dehumidification setpoint and reheat valve shall modulate to maintain space temperature setpoint.

CO₂ Control

- BAS shall sample space CO₂ every 3 minutes (adj.). BAS will modulate VAV airflow minimum and maximum setting to control CO2 in the space
 - CO2 setpoint (Based on ASHRAE 62 user manual) shall be as follows:
 - 1255 PPM Conference/Meeting Room
 - 1725 PPM Lobby/Holdrooms/Baggage Claims 1570 PPM Restaurant Dining Room

			,	VAV BOX	ES SEQUE	NCE POIN	TS				
		Hardwa	re Points				Softwar	re Points			
Point Name	AI	AO	ВІ	во	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Airflow	х								x		х
Discharge Air Temp	х								x		х
Zone Setpoint Adjust	x										х
Zone Temp	х								х		х
Reheating Valve		×							×		х
Zone Damper		x							х		х
Zone Override			х						х		х
Airflow Setpoint					х				х		х
Cooling Setpoint					х				х		х
Heating Setpoint					х				х		х
Heating Mode						×			×		
Schedule								х			
High Discharge Air Temp										х	
High Zone Temp										x	
Low Discharge Air Temp										x	
Low Zone Temp										x	
Zone Humidity *	×								×	х	х
Zone Carbon Dioxide *	×								×		х
*where shown on plans											

AIRPORT INTERIOR TENANT RETAIL FIT-OUT

TIME FOR A SHINE CD.04

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I.C. Thomasson Associates, Inc.

CONSULTING ENGINEERS 2950 KRAFT DRIVE NASHVILLE, TN. 37204 PHONE (615) 346-3400 www.icthomasson.com ICT Project No. 22----

CONSTRUCTION **DRAWINGS**



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N	Ο.	DATE	DESCRIPTION				
	REVISION DATES						
	09/15/22						
		ORIG	INAL ISSUE DATE				

PROJECT NO.: 22276 DRAWN BY: Author

MECHANICAL -CONTROLS