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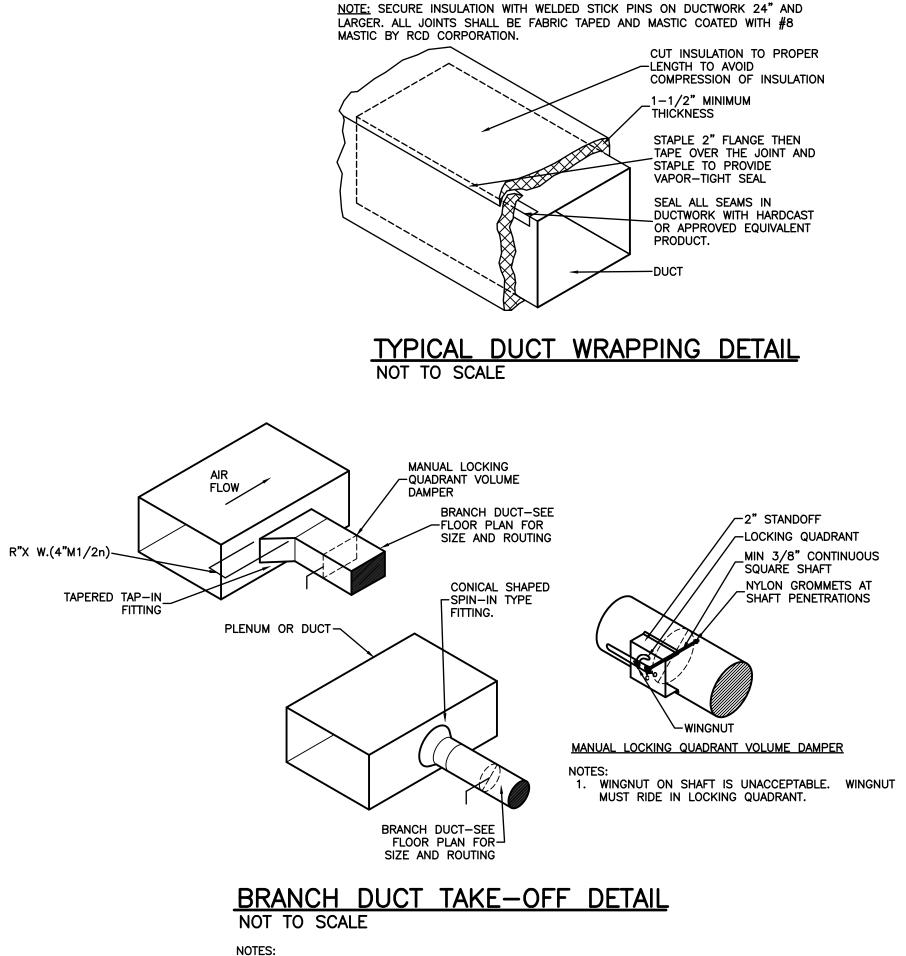
FLEX DUCT

CORAL SHORES HIGH SCHOOL 89901 OLD HWY TAVERNIER, FLORIDA

		WILLIAM P. HORN
DESIGN CRITERIA		ARCHITECT , P.A.
tion: MARATHON, FL ude: 24.71° itude: 81.09° ition: 5 ft. metric Pressure: 29.9 in. Hg GN TEMPERATURES: bient Summer Design Dry Bulb: 90°F bient Summer Design Wet Bulb: 79°F bient Winter Design Dry Bulb: 70°F ce Setpoint – cooling 75°F ce Setpoint – humidity 50% RH	AUDITORIUM CLASSROOM BLDG.	915 EATON ST. KEY WEST, Florida 33040 Tel. (305) 296-8302
	KEY PLAN	FAX (305) 296-1033
PROTOCOLS VOLUMES. FURTHER, SEE "REFEF 35; FBC MECHANICAL CHAPTER 15; FBC PLUM CHAPTER 6; AND FBC FUEL GAS CHAPTER 8)	(2020): THIS CODE INCLUDES THE 2020 FBC ONSERVATION, FUEL GAS, ACCESSIBILITY, AND TEST RENCED STANDARDS" IN THE FBC BUILDING CHAPTER MBING CHAPTER 14; FBC ENERGY CONSERVATION (EFFECTIVE DECEMBER 31, 2020).	LICENSE NO. AA 0003040
FLORIDA VERSIONS OF NFPA 1 AND NFPA 10 C. 2017 NATIONAL ELECTRIC CODE. D. 2014 STATE REQUIREMENTS FOR EDUCATIONAL 2. VERIFY, BY VISITING THE SITE, THE LOCATION OF U	FACILITIES (SREF): – (EFFECTIVE NOVEMBER 4, 2014) JTILITIES IN ALL AREAS BEFORE COMMENCING WORK. DES. THE MECHANICAL CONTRACTOR SHALL FORWARD DPY OF ALL EQUIPMENT SHOP DRAWINGS FOR	CORAL SHORES HIGH SCHOOL
DURING CONSTRUCTION. RESTORE ALL FACTORY P. SCRATCHES, DENTS AND ABRASIONS. THOROUGHLY FOREIGN MATTER. THE EQUIPMENT, WHEN TURNED OF DEFECTS.		
<ol> <li>ALL DUCTWORK SHALL MEET THE STANDARDS SET DUCT CONSTRUCTION STANDARDS". SUPPLY, RETURN</li> </ol>	ALL DUCTWORK SHALL MEET THE STANDARDS SET FORTH BY THE LATEST EDITION OF SMACNA "HVAC DUCT CONSTRUCTION STANDARDS". SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE FABRICATED FROM SHEET METAL. ALL ROUND DUCT SHALL BE SHEET METAL UNLESS OTHERWISE NOTED. PROVIDE	
FIBER DUCT WRAP INSULATION. FACTORY APPLIED F CERTIFIED TESTING PROCEDURES. JOINT TAPE SHAL	FIBER DUCT WRAP INSULATION. FACTORY APPLIED FOIL FACED VAPOR BARRIER, ASTM 518 AND ASTM E84 CERTIFIED TESTING PROCEDURES. JOINT TAPE SHALL BE MINIMUM 3" WIDE FOIL REINFORCED KRAFT TYPE. INSULATION THICKNESS SHALL BE A MINIMUM 2" THICK.	
9. VERIFY ALL CLEARANCES AND DIMENSIONS BEFORE	ALL DUCT DIMENSIONS ARE CLEAR INSIDE DIMENSIONS (FREE AREA). VERIFY ALL CLEARANCES AND DIMENSIONS BEFORE FABRICATION OF DUCTWORK AND PROVIDE ADDITIONAL	
NECESSARY TO AVOID INTERFERENCES WITH STRUCT	OFFSETS TO MEET FIELD CONDITIONS. ADJUST LOCATIONS OF ALL EQUIPMENT AND DUCTWORK, AS NECESSARY TO AVOID INTERFERENCES WITH STRUCTURAL AND OTHER BUILDING COMPONENTS. D. DUCTWORK, DIFFUSERS, REGISTERS, GRILLES, AND OTHER ITEMS OF THE AIR HANDLING SYSTEM SHALL	
NOT BE SUPPORTED BY THE CEILING OR CEILING S	NOT BE SUPPORTED BY THE CEILING OR CEILING SUSPENSION SYSTEM. . ALL SUPPLY DUCTWORK SHALL BE 2" W.G. PRESSURE CLASS. ALL OTHER DUCTWORK SHALL BE 1" W.G.	
ALL SHEET METAL DUCTWORK SHALL HAVE A CLASS	ALL SHEET METAL DUCTWORK SHALL HAVE A CLASS C SEAL. 2. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED TO INSTALL MECHANICAL EQUIPMENT AND MATERIALS.	
13. REPLACE ANY CEILING TILES OR GRID, DAMAGED DU	3. REPLACE ANY CEILING TILES OR GRID, DAMAGED DURING CONSTRUCTION IN ANY AREAS WHERE THE CEILING IS REMOVED TO EXECUTE WORK. REPLACEMENT TILES AND TEES SHALL MATCH EXISTING.	
14. MAINTAIN NEGATIVE PRESSURE IN ALL DESIGNATED 15. THE OWNER SHALL BE GIVEN ONE WEEK PRIOR NO		
6. IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE AIR HANDLERS MAY ONLY BE STARTED IF THE FOLLOWING CONDITIONS ARE MET:		
TEMPORARY CLOSURE METHODS MAY BE USED DUCT TAPE.		
ENTRANCES INTO THE BUILDING.		
GRINDING OPERATION, DRYWALL WORK, PAINTING OR ANY OTHER PARTICULATE PRODUCING PROCESSES. ALL AIR DISTRIBUTION DEVICES IN THESE AREAS OF CONTAINMENT ARE TO BE COVERED AND SEALED AIR TIGHT.		Anston-Greenlees, In Mechanical & Electrical Consulting Engi
STARTUP AND SHALL REMAIN IN PLACE UNTIL COMPLETED AND PRIOR TO TEST AND BALANC	STARTUP AND SHALL REMAIN IN PLACE UNTIL ALL DUST PRODUCING OPERATIONS HAVE BEEN COMPLETED AND PRIOR TO TEST AND BALANCE. CLEAN ALL TAPE RESIDUE FROM THE GRILLES.	
MAY BE REQUIRED BY THE TEST AND BALANCING A TO REVIEW THE PLANS WITHIN 30 DAYS OF RECEIF	ALL REQUIRED BALANCING DAMPERS MAY NOT BE INDICATED HEREIN. ADDITIONAL BALANCING DAMPERS MAY BE REQUIRED BY THE TEST AND BALANCING AGENT. THE TEST AND BALANCE AGENT IS REQUIRED TO REVIEW THE PLANS WITHIN 30 DAYS OF RECEIPT OF CONTRACT AND IDENTIFY DISCREPANCIES AND WHERE ADDITIONAL DAMPERS MAY BE NEEDED. ADDED DAMPERS WILL BE AT NO ADDITIONAL COST TO THE A/E OR THE OWNER.	
MATERIAL ATTACHED TO THE DAMPER HANDLE FOR	ALL DUCT MOUNTED MANUAL BALANCING DAMPERS SHALL HAVE A TWO FOOT LONG, YELLOW STRIP OF MATERIAL ATTACHED TO THE DAMPER HANDLE FOR EASY VISUAL IDENTIFICATION.	
19. OMIT INSULATION ON TRANSFER DUCT SYSTEM. TR TYPE AIR DISTRIBUTION DEVICES.		MUST BE VERIFIED ON ANY ELECTRONIC COPIES. BEST OF MY KNOWLEDGE, THESE DRAWINGS AN PROJECT MANUAL ARE COMPLETE AND COMPLY THE 2020 FLORIDA BUILDING CODE.
THE PRODUCTS USED SPECIFICALLY ON THIS PROJI FOR THE ENGINEER'S REVIEW AND A COPY SHALL HAVING JURISDICTION.		
SUPPORTED WITH THE APPROPRIATE HANGERS. FLE		
	A COMPLETE CERTIFIED TEST AND BALANCE REPORT RS EXPERIENCE AND IS A CURRENT MEMBER OF NEBB NCE OF EACH AIR DEVICE AND UNIT WITH REGARD TO	
DUCTWORK MATERIALS		REVISIONS
<ol> <li>FLEX DUCT SHALL BE EQUIVALENT TO FLEXMASTER 11 FABRIC (PE) CORE AND SHALL HAVE PRESSURE RATIN W.G. NEGATIVE THROUGH 16" DIA., AND 1" W.G. NEGA DUCTS.</li> </ol>	NGS OF 10" W.G. POSITIVE, 5"	
2. ALL TRANSFER DUCT SHALL BE UNINSULATED SPIRAL DUCTWORK.	SEAM SHEET METAL	DRAWN BY
3. FLEXIBLE DUCT RUNOUTS SHALL NOT EXCEED 6 FEET	r.	CWR
4. THE USE OF SNAP LOCK DUCT IS NOT PERMITTED.		
		PROJECT NUMBER
M=1 MECHANICAL DRAW M=2 MCC AND DET	ERAL NOTES, AND HVAC PLAN	2112

CONSTRUCTION DOCUMENTS

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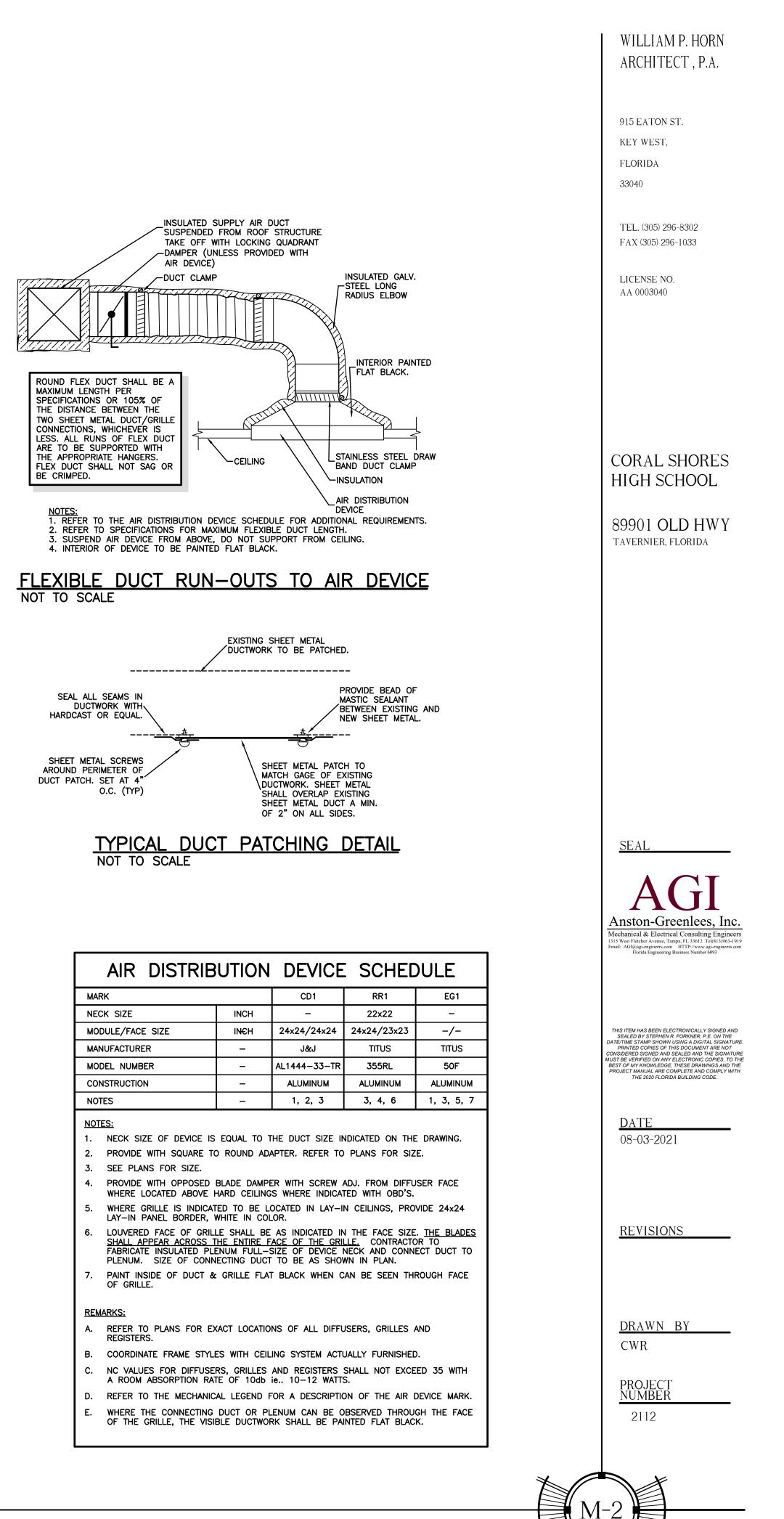


1. PROVIDE FITTING WITH 1" WIDE FLANGE WITH GASKET.

PRESSURE.

MUST MEET SMACNA GUAGE STANDARDS AND 2"W.G. STATIC PRESSSURE.
 CONTINUOUS WELD LONGITUDINAL SEAM FOR NO LEAKAGE AT 2" W.G. STATIC

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CONSTRUCTION DOCUMENTS