



FLOOR PLAN - DOE OFFICE MODIFICATIONS
SCALE 1/4"=1'-0"

DIFFUSER SCHEDULE						
IDENTIFICATION	D1	D2	D3	D4	D5	D6
MANUFACTURER	ROYAIRE	ROYAIRE	ROYAIRE	ROYAIRE	ROYAIRE	ROYAIRE
MODEL NO	34 3500	34 3500	34 3500	34 3500	34 3500	34 3500
COLOR	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
SIZE	24" X 24"	24" X 24"	24" X 24"	24" X 24"	24" X 24"	24" X 24"
TYPE	T-BAR DROP IN	T BAR DROP-IN	T-BAR DROP IN	T BAR DROP IN	T-BAR DROP IN	T-BAR DROP IN
CFM	190	320	203	375	278	240
NECK SIZE	8"	12"	10"	12"	12"	12"
REMARKS	4 WAY	4 WAY	4 WAY	4 WAY	4 WAY	4 WAY

REVIEWED FOR CLASSIFICATION
UNCLASSIFIED

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- NOTES**
- RUN DUCTWORK IN ZONE 2 AND ZONE 3 LOW AS REQUIRED TO CLEAR DUCTWORK TO EXTERIOR WALL ZONES
 - ALL DUCTWORK SHALL BE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS
 - INSTALL DUCTWORK HANGERS AS REQUIRED BY SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE
 - CONNECT NEW DIFFUSERS TO EXISTING RECTANGULAR METAL DUCTWORK WITH ROUND FLEXIBLE DUCTWORK SEE DIFFUSER SCHEDULE THIS SHEET FOR DIAMETERS REQUIRED
 - INSTALL ACCESS DOOR UPSTREAM OF EACH FITTING WITH TURNING VANES

BT Imas 5 In 004674



DRAWING RETRIEVAL THIS DRAWING PRODUCED ON CADAM
DO NOT REVISE MANUALLY

SECTION NUMBER OR DETAIL LETTER	TOLERANCES UNLESS OTHERWISE SPECIFIED
DRAWING ON WHICH SECTION OR DETAIL IS TAKEN	FRACTIONS XX DECIMALS XXX DECIMALS ANGLES BREAK SHARP EDGES MAX FINISH
SECTION AND DETAIL KEY	

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REV	NO	DATE	APPD	BY	DESCRIPTION
0					ORIGINAL ISSUE CFC FOR FPSC AZ 080
1	13				ISSUE / REVISION DESCRIPTION
2					CHANGE CONTROL PROCEDURE EP C 18

MARTIN MARIETTA ENERGY SYSTEMS INC
DOE OFFICE AREA MODIFICATIONS HVAC DUCT WORK PHASE A & PHASE B

1	48	49	50	PLANT	BLDG	FL	SHEET	OF	CLASS
3	C	A	B	PGDP	C 100	2			U

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ID 17193

M5E-17913-A00

REVISION OR ISSUE APPROVALS