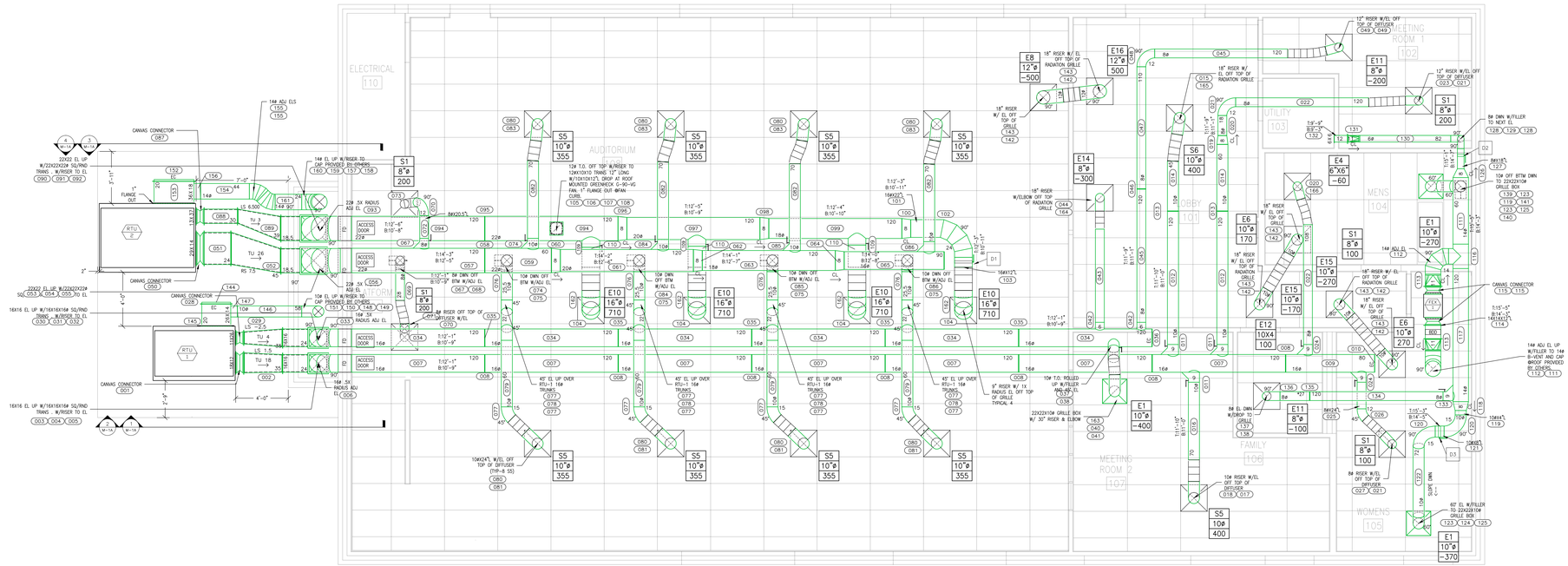
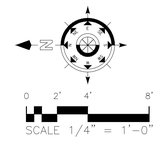
Released Duct
Not Released
1st Release



1 MAIN LEVEL HVAC DUCT OVERALL
1/4" = 1'-0"



NOTES:

1. ALL TRANSITIONS ARE CENTER LINE, UNO.
2. ALL DUCT PIECES WITH (*) ARE TO BE PROVIDED AT A LONGER THAN LISTED LENGTH AND ARE TO BE CUT TO LENGTH BY INSTALLING CONTRACTOR.
3. ALL ROUND BRANCH TAKE-OFFS WILL BE PROVIDED WITH A MANUAL BALANCING DAMPER.

Shipping Details:

SHIPS TO:

TCG DUCT
305 SOUTH MAPLE AVE.
GREENSBURG PA 15601

Please report shipping damage or discrepancies immediately to:

CHAD MILLER
TOLL FREE PHONE: 877.600.0274
E-MAIL: CHAD.MILLER@TCGMEP.COM

TD #.## –TOP DOWN
TU #.## –TOP UP
LS –# –LEFT SET
CL –CENTER LINE TRANSITION
O.O –DUCT FAB NUMBER

Preliminary For Review Only

PROJECT #: 0000-00

THE CINCINNATUS GROUP
DUCTWORK MATERIAL MANAGEMENT PROGRAMS

305 South Maple Ave.
Greensburg, PA 15601
Phone: 877.600.0221

www.TCGDUCT.com

THIS DRAWING IS PROVIDED AS A SERVICE OF TCG MEP SERVICES. IT IS NOT INTENDED TO BE A COORDINATION DRAWING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY APPROVALS FOR CONSTRUCTION BEFORE SIGNING THIS DRAWING. THIS DRAWING MUST BE SIGNED BY THE CONTRACTOR AND MANUFACTURER'S REPRESENTATIVE AND ONE SET RETURNED TO TCG MEP SERVICES. PLEASE REVIEW ALL DIMENSIONS AND CHANGE THEM TO MEET ACTUAL FIELD CONDITIONS AND EQUIPMENT SUBMITTAL DIMENSIONS.

Job Name: TCG SAMPLE PROJECT

Client: THE CINCINNATUS GROUP

Job Location: 305 SOUTH MAPLE AVE. GREENSBURG PA 15601

Scale: 1/4" = 1'

PLEASE CHECK ONE OF THE FOLLOWING

Please Resubmit For Changes ____
Fabricate As Per Changes ____
Fabricate As Per Drawing ____

Date	Rev. #	Revision	By
03/05/2020	0	FOR FABRICATION	PL
10/28/2021	1	MARKUP CHANGES	CM

PLEASE SIGN BELOW

Manufacture Rep: _____
Date: _____
Contractor: _____
Date: _____

SPECIAL INSTRUCTIONS RECTANGULAR:
UNDER 24"=26ga MIN
24" & ABOVE=24ga MIN

Dimensions : √ O.D. ___ I.D.

Rectangular Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
.5" W.C.							
1" W.C.							
2" W.C.	√	√	√	√			
3" W.C.							
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material
Galvanized G90 √
Galvaneal ___
S.S. 304 ___
S.S. 316 ___
A.L. 3003 ___
PCD 4/4 ___
HRS ___

Seams
Pittsburgh ___
Snaplock √

Seam Sealant
Yes ___
No √

Liner
Thickness / Density
5" √ / 1 # ___
1.5" ___ / 1.5 # ___
2" ___ / 2 # ___
None ___
½" ELASTOMERIC LINER TO POINTS INDICATED ON DRAWINGS

Joint Plastic
Yes ___
No √

Vanes
2" Single ___
2" Double ___
4" Double ___

Hangers Yes ___ No √

Tap Type
Straight 45 Deg. Entry √

Grille Taps
Manifolded ___
Loose ___
Flange In ___
Flange Out ___

Double Wall Yes ___ No √
Perforated ___ Duct ___ Fitting
Solid ___ Duct ___ Fitting
Mylar ___ Insulation ___ 1" ___ 2"

Duct
Aluminum / Galvanized / Stainless Steel — Ga. 20 — Qty. TBD

Assem. K.D.
Duct ___ √
Ftg. √ ___
>= ___

Connectors
S/D ___
TDF √
Ward J √

SPECIAL INSTRUCTIONS SPIRAL, SNAPLOCK, OR OVAL:

SPIRL Ø ADJ ELS WHERE NOTED ONLY

Dimensions : √ O.D. ___ I.D.

Spiral √ Snaplock ___ Oval ___ Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
2" W.C.	√	√	√	√			
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material
Galvanized G90 √
Galvaneal ___
S.S. 304 ___
S.S. 316 ___
A.L. 3003 ___
PCD 4/4 ___
HRS ___

Joint Plastic
Yes ___
No √

Spiral Pipe
Cut To Length ___
Ten Foot Sections √

Labels
Inside Duct ___
Outside Of Duct √

Transitions
Concentric √
Eccentric ___

Elbow Type
.5 CLR √
1.5 CLR √
Stamped √
Gored √
Adjustable √

Tee Type
Straight ___
Conical ___
Combination ___

Tap Type
Straight √
Conical ___
Low Loss √
Combination √

Connectors
Couplings All Round √
Accu Flange ___
Angle Rings ___

Seam Sealant
Sealed ___
Welded ___

Double Wall Yes ___ No √
Perforated ___ Pipe ___ Fitting
Solid ___ Pipe ___ Fitting
Mylar ___ Insulation ___ 1" ___ 2"

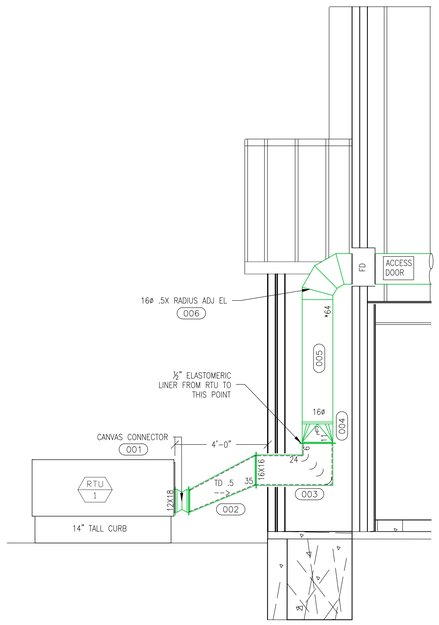
Grille Taps
Manifolded ___ D.W. ___
Loose ___ Fitting ___
Flange In ___ N/A √
Flange Out ___

Manifolding
Allowed ___
Not Allowed ___
Shop ___
Field √

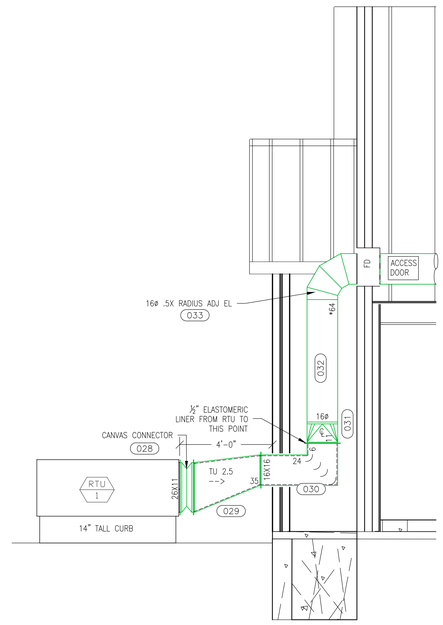
PLEASE REFER TO OUR PROJECT # ON ALL COMMUNICATIONS REGARDING THIS DRAWING. THIS NUMBER IS REQUIRED FOR US TO FIND INFORMATION ABOUT THIS DRAWING. THANK YOU FOR YOUR COOPERATION.

Drawing # M-1

Drawn By:	PL
Approved By:	DM
Start Date:	3/21/22
Plot Date:	3/21/22



1 RTU-1 EAST ELEVATION VIEW
3/8" = 1'-0"



2 RTU-1 EAST ELEVATION VIEW
3/8" = 1'-0"

Released Duct
Not Released
1st Release

NOTES:

1. ALL TRANSITIONS ARE CENTER LINE, UNO.
2. ALL DUCT PIECES WITH (*) ARE TO BE PROVIDED AT A LONGER THAN LISTED LENGTH AND ARE TO BE CUT TO LENGTH BY INSTALLING CONTRACTOR.

Shipping Details:

SHIPS TO:

TCG DUCT
305 SOUTH MAPLE AVE.
GREENSBURG PA 15601

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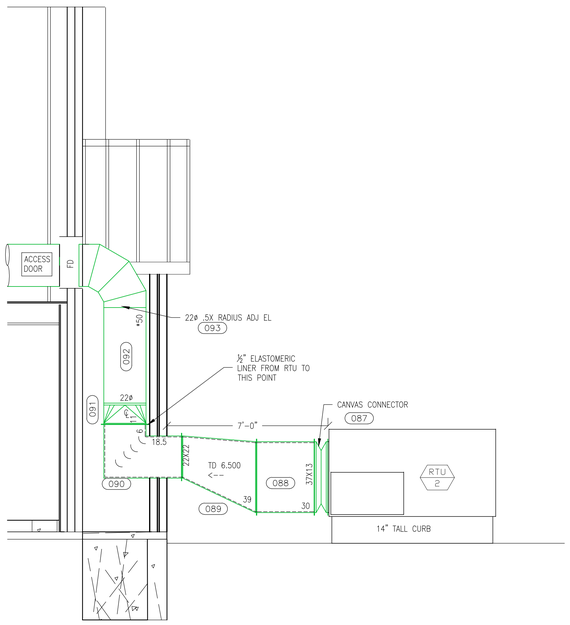
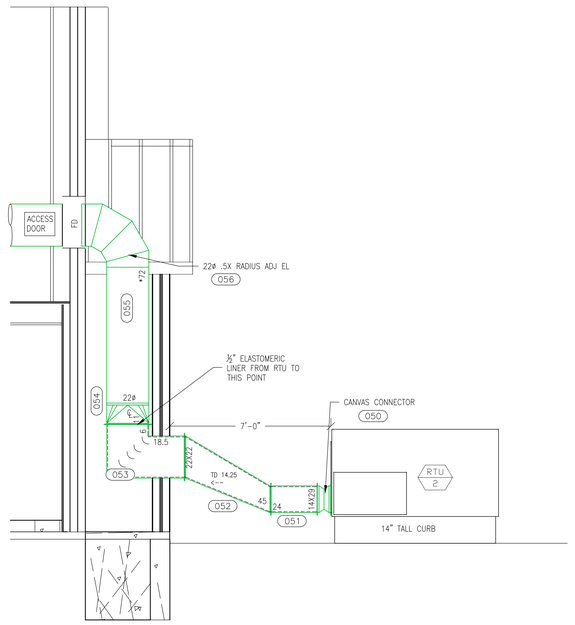
TOLL FREE PHONE: 877.600.0274
E-MAIL: CHAD.MILLER@TCGMEP.COM

TD #.## → -TOP DOWN
TU #.## → -TOP UP
LS -# -LEFT SET
CL ← -CENTER LINE TRANSITION
(0.0) -DUCT FAB NUMBER



3 RTU-2 WEST ELEVATION VIEW
3/8" = 1'-0"



4 RTU-2 WEST ELEVATION VIEW
3/8" = 1'-0"

Preliminary For Review Only

PROJECT #: 0000-00

THE CINCINNATUS GROUP
DUCTWORK MATERIAL MANAGEMENT PROGRAMS

305 South Maple Ave.
Greensburg, PA 15601
Phone: 877.600.0221

www.TCGDUCT.com

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Job Name: TCG SAMPLE PROJECT

Client: THE CINCINNATUS GROUP

Job Location: 305 SOUTH MAPLE AVE. GREENSBURG PA 15601

Scale: 3/8"=1'-0"

PLEASE CHECK ONE OF THE FOLLOWING

Please Resubmit For Changes ____
Fabricate As Per Changes ____
Fabricate As Per Drawing ____

Date	Rev. #	Revision	By
03/05/2020	0	FOR FABRICATION	PL
10/28/2021	1	MARKUP CHANGES	CM

PLEASE SIGN BELOW

Manufacture Rep: _____
Date: _____
Contractor: _____
Date: _____

SPECIAL INSTRUCTIONS RECTANGULAR:
UNDER 24"=26ga MIN
24" & ABOVE=24ga MIN

Dimensions : ✓ O.D. ____ I.D.

Rectangular Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
.5" W.C.							
1" W.C.							
2" W.C.	✓	✓	✓	✓			
3" W.C.							
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material: Galvanized G90 ✓; Galvaneal; S.S. 304; S.S. 316; A.L. 3003; PCD 4/4; HRS

Seams: Pittsburgh ✓; Snaplock ✓

Seam Sealant: Yes; No ✓

Liner: Thickness .5" ✓, 1.5", 2", None; Density 1 #, 1.5 #, 2 #

½" ELASTOMERIC LINER TO POINTS INDICATED ON DRAWINGS

Joint Plastic: Yes; No ✓

Vanes: 2" Single; 2" Double ✓; 4" Double

Hangers: Yes ✓ No

	Ga.	Qty.
Aluminum		
Galvanized	20	TBD
Stainless Steel		

Tap Type: Straight; 45 Deg. Entry ✓

Grille Taps: Manifolded; Loose ✓; Flange In; Flange Out

Double Wall: Yes ____ No ✓

Perforated ___ Duct ___ Fitting
Solid ___ Duct ___ Fitting
Mylar ___ Insulation ___ 1" ___ 2"

Duct: Assem. ____ K.D. ✓; Ftg. ✓ ____; >= ____

Connectors: S/D; TDF ✓; Ward J ✓

SPECIAL INSTRUCTIONS SPIRAL, SNAPLOCK, OR OVAL:
SPIRL Ø ADJ ELS WHERE NOTED ONLY

Dimensions : ✓ O.D. ____ I.D.

Spiral ✓ Snaplock ___ Oval ___ Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
2" W.C.	✓	✓	✓	✓			
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material: Galvanized G90 ✓; Galvaneal; S.S. 304; S.S. 316; A.L. 3003; PCD 4/4; HRS

Joint Plastic: Yes; No ✓

Spiral Pipe: Cut To Length ____; Ten Foot Sections ✓

Labels: Inside Duct; Outside Of Duct ✓

Transitions: Concentric ✓; Eccentric

Elbow Type: .5 CLR ✓; 1.5 CLR ✓; Stamped ✓; Gored ✓; Adjustable ✓

Tee Type: Straight ____; Conical ____; Combination ____

Tap Type: Straight ✓; Conical; Low Loss ✓; Combination ✓

Connectors: Couplings All Round ✓; Accu Flange; Angle Rings

Seam Sealant: Sealed; Welded

Double Wall: Yes ____ No ✓

Perforated ___ Pipe ___ Fitting
Solid ___ Pipe ___ Fitting
Mylar ___ Insulation ___ 1" ___ 2"

Grille Taps: Manifolded ___ D.W. ___; Loose ___ Fitting ___; Flange In ___ N/A ✓; Flange Out ___

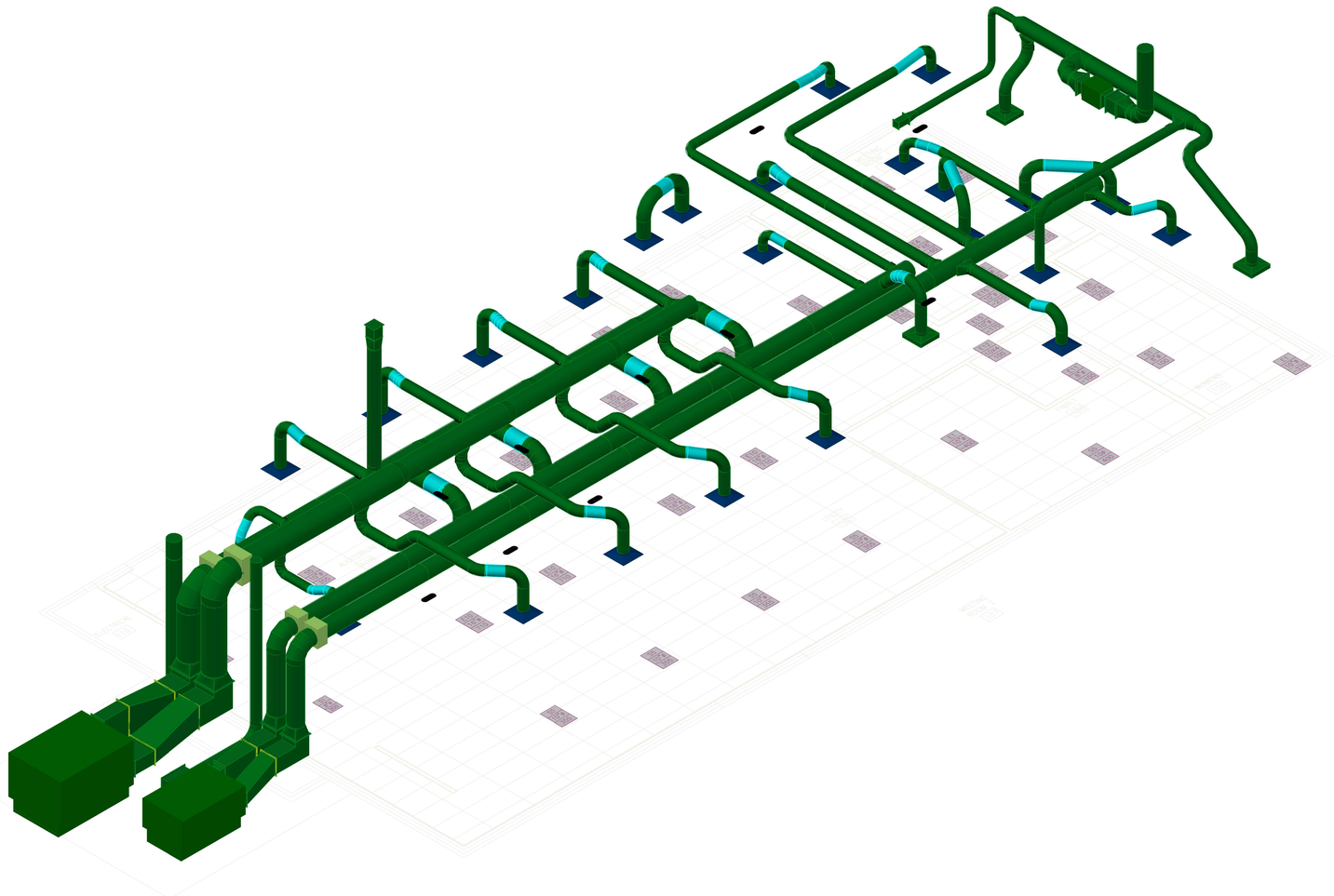
Manifolding: Allowed; Not Allowed; Shop; Field ✓

PLEASE REFER TO OUR PROJECT # ON ALL COMMUNICATIONS REGARDING THIS DRAWING. THIS NUMBER IS REQUIRED FOR US TO FIND INFORMATION ABOUT THIS DRAWING. THANK YOU FOR YOUR COOPERATION.

Drawing # M-1A

Drawn By:	PL
Approved By:	DM
Start Date:	3/21/22
Plot Date:	3/21/22

Released Duct
Not Released
1st Release



1 3D ISOMETRIC VIEW
3/8" = 1'-0"

Shipping Details:

SHIPS TO:

TCG DUCT
305 SOUTH MAPLE AVE.
GREENSBURG PA 15601

Please report shipping damage or discrepancies immediately to:

CHAD MILLER
TOLL FREE PHONE: 877.600.0274
E-MAIL: CHAD.MILLER@TCGMEP.COM

TD #.## → –TOP DOWN
TU #.## → –TOP UP
LS –# –LEFT SET
CL ← –CENTER LINE TRANSITION
O.O –DUCT FAB NUMBER

Preliminary For Review Only

PROJECT #: 0000-00

THE CINCINNATUS GROUP
DUCTWORK MATERIAL MANAGEMENT PROGRAMS

305 South Maple Ave.
Greensburg, PA 15601
Phone: 877.600.0221

www.TCGDUCT.com

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Job Name: TCG SAMPLE PROJECT

Client: THE CINCINNATUS GROUP

Job Location: 305 SOUTH MAPLE AVE. GREENSBURG PA 15601

Scale: 3/8"=1'-0"

Date	Rev. #	Revision	By
03/05/2020	0	FOR FABRICATION	PL
10/28/2021	1	MARKUP CHANGES	CM

PLEASE CHECK ONE OF THE FOLLOWING

Please Resubmit For Changes ____
Fabricate As Per Changes ____
Fabricate As Per Drawing ____

PLEASE SIGN BELOW

Manufacture Rep: _____
Date: _____
Contractor: _____
Date: _____

SPECIAL INSTRUCTIONS RECTANGULAR:
UNDER 24"=26ga MIN
24" & ABOVE=24ga MIN

Dimensions : √ O.D. ___ I.D.

Rectangular Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
.5" W.C.							
1" W.C.							
2" W.C.	√	√	√	√			
3" W.C.							
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material
Galvanized G90 √
Galvaneal ____
S.S. 304 ____
S.S. 316 ____
A.L. 3003 ____
PCD 4/4 ____
HRS ____

Seams
Pittsburgh √
Snaplock √

Seam Sealant
Yes ____
No √

Liner
Thickness: .5" √, 1.5" ____, 2" ____, None ____
Density: 1 # ____, 1.5 # ____, 2 # ____
½" ELASTOMERIC LINER TO POINTS INDICATED ON DRAWINGS

Joint Plastic
Yes ____
No √

Vanes
2" Single ____
2" Double √
4" Double ____

Hangers Yes ___ No √

	Ga.	Qty.
Aluminum		
Galvanized	20	TBD
Stainless Steel		

Tap Type
Straight
45 Deg. Entry √

Grille Taps
Manifolded ____
Loose √
Flange In ____
Flange Out ____

Double Wall Yes ___ No √

Perforated ___ Duct ___ Fitting
Solid ___ Duct ___ Fitting
Mylar ___ Insulation ___ 1" ___ 2"

Duct

	Assem.	K.D.
Duct	____	√
Ftg.	√	____
>=	____	

Connectors
S/D ____
TDF √
Ward J √

SPECIAL INSTRUCTIONS SPIRAL, SNAPLOCK, OR OVAL:
SPIRL Ø ADJ ELS WHERE NOTED ONLY

Dimensions : √ O.D. ___ I.D.

Spiral √ Snaplock ___ Oval ___ Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
2" W.C.	√	√	√	√			
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material
Galvanized G90 √
Galvaneal ____
S.S. 304 ____
S.S. 316 ____
A.L. 3003 ____
PCD 4/4 ____
HRS ____

Joint Plastic
Yes ____
No √

Spiral Pipe
Cut To Length ____
Ten Foot Sections √

Labels
Inside Duct ____
Outside Of Duct √

Transitions
Concentric √
Eccentric ____

Elbow Type
.5 CLR ____
1.5 CLR √
Stamped √
Gored √
Adjustable √

Tee Type
Straight ____
Conical ____
Combination ____

Tap Type
Straight √
Conical ____
Low Loss √
Combination √

Connectors
Couplings All Round ____
Accu Flange ____
Angle Rings ____

Seam Sealant
Sealed ____
Welded ____

Double Wall Yes ___ No √

Perforated ___ Pipe ___ Fitting
Solid ___ Pipe ___ Fitting
Mylar ___ Insulation ___ 1" ___ 2"

Grille Taps
Manifolded ___ D.W. ___
Loose ___ Fitting ___
Flange In ___ N/A √
Flange Out ___

Manifolding
Allowed ____
Not Allowed ____
Shop ____
Field √

PLEASE REFER TO OUR PROJECT # ON ALL COMMUNICATIONS REGARDING THIS DRAWING. THIS NUMBER IS REQUIRED FOR US TO FIND INFORMATION ABOUT THIS DRAWING. THANK YOU FOR YOUR COOPERATION.

Drawing # M-1B

Drawn By: PL
Approved By: DM
Start Date: 3/21/22
Plot Date: 3/21/22

TOTALS

Round Spiral Duct TOTALS					
Received By	Quantity	Material	Length	Double Wall	Alias
Dia:6					
	2	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:8					
	10	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:10					
	17	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:12					
	1	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:14					
	4	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:16					
	18	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:18					
	2	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:20					
	2	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL
Dia:22					
	5	GALVANIZED G90 SPIRAL	120	FALSE	ROUND PIPE, SPIRAL

Field Check In						
Received By:				Date:		
Received By	Quantity	PC Number	Size in	Size Out	Description	System
	1	001	18X12	18X12	RECTANGULAR CANVAS CONNECTOR	RTU-1 S.A.
	1	002	18X12	16X16	TRANSITION, NORMAL	RTU-1 S.A.
	1	003	16X16	16X16	MITERED ELBOW	RTU-1 S.A.
	1	004	16X16	16ø	SQ. TO RD., CONC.	RTU-1 S.A.
	1	006	16ø	16ø	ROUND ELBOW, ADJUSTABLE	RTU-1 S.A.
	7	008	16ø	16ø	ROUND COUPLING, DUCT	RTU-1 S.A.
	1	010	16ø		ROUND CAP	RTU-1 S.A.
	3	011	N/A	10ø	HETO	RTU-1 S.A.
	2	013	10ø	10ø	ROUND COUPLING, DUCT	RTU-1 S.A.
	1	017	10ø	10ø	ROUND ELBOW, STAMPED	RTU-1 S.A.
	1	019	10ø	8ø	ROUND TRANSITION, CONCENTRIC	RTU-1 S.A.
	3	021	8ø	8ø	ROUND ELBOW, STAMPED	RTU-1 S.A.
	2	024	N/A	8ø	HETO	RTU-1 S.A.
	1	026	8ø	8ø	ROUND ELBOW, STAMPED	RTU-1 S.A.
	1	028	11X26	11X26	RECTANGULAR CANVAS CONNECTOR	RTU-1 R.A.
	1	029	11X26	16X16	TRANSITION, NORMAL	RTU-1 R.A.
	1	030	16X16	16X16	MITERED ELBOW	RTU-1 R.A.
	1	031	16X16	16ø	SQ. TO RD., CONC.	RTU-1 R.A.
	1	033	16ø	16ø	ROUND ELBOW, ADJUSTABLE	RTU-1 R.A.
	5	035	16ø	16ø	ROUND COUPLING, DUCT	RTU-1 R.A.
	1	036	16ø		ROUND CAP	RTU-1 R.A.
	1	037	10ø	10ø	SPIRAL ROUND TAP, NORMAL	RTU-1 R.A.
	1	041	10ø	22X22	GRILLE PLENUM BOX	RTU-1 R.A.
	2	042	8ø	8ø	SPIRAL ROUND TAP, NORMAL	RTU-1 R.A.
	1	046	8ø	8ø	ROUND COUPLING, DUCT	RTU-1 R.A.
	2	048	8ø	8ø	ROUND ELBOW, STAMPED	RTU-1 R.A.
	1	050	29X14	29X14	RECTANGULAR CANVAS CONNECTOR	RTU-2 S.A.
	1	051	29X14	29X14	RECTANGULAR DUCT	RTU-2 S.A.
	1	052	29X14	22X22	TRANSITION, NORMAL	RTU-2 S.A.
	1	053	22X22	22X22	MITERED ELBOW	RTU-2 S.A.
	1	054	22X22	22ø	SQ. TO RD., CONC.	RTU-2 S.A.
	1	056	22ø	22ø	ROUND ELBOW, ADJUSTABLE	RTU-2 S.A.
	1	058	22ø	22ø	ROUND COUPLING, DUCT	RTU-2 S.A.
	1	060	22ø	20ø	ROUND TRANSITION, CONCENTRIC	RTU-2 S.A.
	1	062	20ø	18ø	ROUND TRANSITION, CONCENTRIC	RTU-2 S.A.
	1	064	18ø	16ø	ROUND TRANSITION, CONCENTRIC	RTU-2 S.A.
	1	066	16ø		ROUND CAP	RTU-2 S.A.
	2	067	N/A	8ø	HETO	RTU-2 S.A.
	1	068	8ø	8ø	ROUND ELBOW, ADJUSTABLE	RTU-2 S.A.
	2	070	8ø	8ø	ROUND ELBOW, STAMPED	RTU-2 S.A.
	2	074	N/A	10ø	HETO	RTU-2 S.A.
	4	075	10ø	10ø	ROUND ELBOW, ADJUSTABLE	RTU-2 S.A.
	12	077	10ø	10ø	ROUND ELBOW, STAMPED	RTU-2 S.A.
	8	080	10ø	10ø	ROUND ELBOW, STAMPED	RTU-2 S.A.
	2	084	N/A	10ø	HETO	RTU-2 S.A.
	2	085	N/A	10ø	HETO	RTU-2 S.A.
	2	086	N/A	10ø	HETO	RTU-2 S.A.
	1	087	13X37	13X37	RECTANGULAR CANVAS CONNECTOR	RTU-2 R.A.
	1	088	13X37	13X37	RECTANGULAR DUCT	RTU-2 R.A.
	1	089	13X37	22X22	TRANSITION, NORMAL	RTU-2 R.A.
	1	090	22X22	22X22	MITERED ELBOW	RTU-2 R.A.
	1	091	22X22	22ø	SQ. TO RD., CONC.	RTU-2 R.A.
	1	093	22ø	22ø	ROUND ELBOW, ADJUSTABLE	RTU-2 R.A.
	1	095	22ø	22ø	ROUND COUPLING, DUCT	RTU-2 R.A.
	1	096	22ø	20ø	ROUND TRANSITION, CONCENTRIC	RTU-2 R.A.
	1	098	20ø	18ø	ROUND TRANSITION, CONCENTRIC	RTU-2 R.A.
	1	100	18ø	16ø	ROUND TRANSITION, CONCENTRIC	RTU-2 R.A.
	1	102	16ø	16ø	ROUND ELBOW, GORED	RTU-2 R.A.
	1	105	12ø	12ø	SPIRAL ROUND TAP, NORMAL	RTU-2 R.A.
	1	107	10X10	12ø	SQ. TO RD., CONC.	RTU-2 R.A.
	1	108	10X10	10X10	RECTANGULAR DUCT	RTU-2 R.A.
	3	109	16ø	16ø	SPIRAL ROUND TAP, NORMAL	RTU-2 R.A.
	2	112	14ø	14ø	ROUND ELBOW, ADJUSTABLE	FEX-1
	2	113	14X14	14ø	SQ. TO RD., CONC.	FEX-1
	1	114	14X14	14X14	RECTANGULAR DUCT	FEX-1
	2	115	14X14	14X14	RECTANGULAR CANVAS CONNECTOR	FEX-1
	1	116	14ø	14ø	ROUND TEE BULLHEAD	FEX-1
	1	118	14ø	10ø	ROUND TRANSITION, CONCENTRIC	FEX-1
	2	120	10ø	10ø	ROUND ELBOW, STAMPED	FEX-1
	3	123	10ø	10ø	ROUND ELBOW, STAMPED	FEX-1
	2	125	10ø	22X22	GRILLE PLENUM BOX	FEX-1
	1	126	14ø	6ø	ROUND TRANSITION, CONCENTRIC	FEX-1
	2	128	6ø	6ø	ROUND ELBOW, STAMPED	FEX-1
	1	131	6X6	6ø	SQ. TO RD., CONC.	FEX-1
	1	132	6X6	6X6	RECTANGULAR DUCT	FEX-1
	1	133	N/A	8ø	HETO	FEX-1
	1	135	8ø	8ø	ROUND COUPLING, DUCT	FEX-1
	1	137	8ø	8ø	ROUND ELBOW, STAMPED	FEX-1
	1	139	N/A	10ø	HETO	FEX-1
	4	142	10ø	10ø	ROUND ELBOW, STAMPED	T.A.
	2	142	12ø	12ø	ROUND ELBOW, STAMPED	T.A.
	1	144	26X14		RECTANGULAR CAP	RTU-1 O.A.
	1	145	26X14	26X14	RECTANGULAR DUCT	RTU-1 O.A.
	1	147	10ø	10ø	SPIRAL ROUND TAP, NORMAL	RTU-1 O.A.
	2	148	10ø	10ø	ROUND COUPLING, DUCT	RTU-1 O.A.
	1	151	10ø	10ø	ROUND ELBOW, STAMPED	RTU-1 O.A.
	1	152	36X18		RECTANGULAR CAP	RTU-2 O.A.
	1	153	36X18	36X18	RECTANGULAR DUCT	RTU-2 O.A.
	2	155	14ø	14ø	ROUND ELBOW, ADJUSTABLE	RTU-2 O.A.
	1	156	14ø	14ø	SPIRAL ROUND TAP, NORMAL	RTU-2 O.A.
	2	157	14ø	14ø	ROUND COUPLING, DUCT	RTU-2 O.A.
	1	160	14ø	14ø	ROUND ELBOW, GORED	RTU-2 O.A.
	4	162	16ø	16ø	ROUND ELBOW, GORED	RTU-2 R.A.
	1	163	10ø	10ø	ROUND ELBOW, STAMPED	RTU-2 R.A.
	1	164	8ø	8ø	ROUND ELBOW, STAMPED	RTU-2 R.A.
	1	165	10ø	10ø	ROUND ELBOW, STAMPED	RTU-1 S.A.
	1	166	8ø	8ø	ROUND ELBOW, STAMPED	RTU-1 S.A.

DUCT SCHEDULE NOTES

- THE "TOTALS' & FIELD CHECK-IN LIST" SCHEDULES ARE TO BE USED TO CHECK IN THE TOTAL QUANTITIES OF ALL DUCT.
- THE ROUND DUCT WILL ARRIVE IN STANDARD LENGTHS AND MUST BE CUT TO LENGTH PER THE ROUND DUCT SCHEDULES.

RECTANGULAR AND ACCESSORIES

Flex Connector														
QTY	Alias	#	System	Material	Connector	Connector	Width	Depth	Dia	Length	Lock	Gauge	Specification	Notes
1	RECTANGULAR CANVAS CONNECTOR	001	RTU-1 S.A.	GALVANIZED G90 5 FOOT	TDF	TDF	18	12	0	7	1-1/2 FLEX LAP	22	2 IN WG 26-24 GA ALL TDF	
1	RECTANGULAR CANVAS CONNECTOR	028	RTU-1 R.A.	GALVANIZED G90 5 FOOT	TDF	TDF	11	26	0	7	1-1/2 FLEX LAP	24	2 IN WG 26-24 GA ALL TDF	
1	RECTANGULAR CANVAS CONNECTOR	050	RTU-2 S.A.	GALVANIZED G90 5 FOOT	TDF	TDF	29	14	0	7	1-1/2 FLEX LAP	24	2 IN WG 26-24 GA ALL TDF	
1	RECTANGULAR CANVAS CONNECTOR	087	RTU-2 R.A.	GALVANIZED G90 5 FOOT	TDF	TDF	13	37	0	7	1-1/2 FLEX LAP	24	2 IN WG 26-24 GA ALL TDF	
2	RECTANGULAR CANVAS CONNECTOR	115	FEX-1	GALVANIZED G90 5 FOOT	.5 FL OUT	TDF	14	14	0	7	1-1/2 FLEX LAP	22	2 IN WG 26-24 GA ALL TDF	
6														

Dampers							
QTY	Alias	#	System	Shape	Diameter	Width	Depth
1	SIMPLE ROUND BALANCING DAMPER	D1	0 - RETURN	ROUND	16	NA	NA
1	SIMPLE ROUND BALANCING DAMPER	D2	0 - EXHAUST AIR	ROUND	6	NA	NA
1	SIMPLE ROUND BALANCING DAMPER	D3	0 - EXHAUST AIR	ROUND	10	NA	NA
3							

Grille Box														
QTY	Alias	#	System	Material	Conn 1	Conn 2	Size In	Size Out	Body Length	Collar Length	Lining	Gauge	Specification	Notes
1	GRILLE PLENUM BOX	041	RTU-1 R.A.	GALVANIZED G90 5 FOOT	SMALL END	RAW EDGE	10ø	22X22	3	4	–	26	2 IN WG 26-24 GA ALL TDF	
2	GRILLE PLENUM BOX	125	FEX-1	GALVANIZED G90 5 FOOT	SMALL END	RAW EDGE	10ø	22X22	3	4	–	26	2 IN WG 26-24 GA ALL TDF	
3														

Rectangular Transition																				
QTY	Alias	#	System	Material	Conn 1	Conn 2	Size In	Size Out	S 1	Length	S 2	Rt. Set	Lt. Set	Top ⌂	Btm ⌂	Lining	Gauge	Lock	Specification	Notes
1	SQ. TO RD., CONC.	004	RTU-1 S.A.	GALVANIZED G90 5 FOOT	SMALL END	TDF	16X16	16ø	.5	11	1	0	0	0	0	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
1	SQ. TO RD., CONC.	031	RTU-1 R.A.	GALVANIZED G90 5 FOOT	SMALL END	TDF	16X16	16ø	.5	11	1	0	0	0	0	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
1	SQ. TO RD., CONC.	054	RTU-2 S.A.	GALVANIZED G90 5 FOOT	SMALL END	TDF	22X22	22ø	.5	11	1	0	0	0	0	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
1	SQ. TO RD., CONC.	091	RTU-2 R.A.	GALVANIZED G90 5 FOOT	SMALL END	TDF	22X22	22ø	.5	11	1	0	0	0	0	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
1	SQ. TO RD., CONC.	107	RTU-2 R.A.	GALVANIZED G90 5 FOOT	SMALL END	S-D	10X10	12ø	.5	11	1	1	-1	1	-1	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
2	SQ. TO RD., CONC.	113	FEX-1	GALVANIZED G90 5 FOOT	SMALL END	TDF	14X14	14ø	.5	11	1	0	0	0	0	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
1	SQ. TO RD., CONC.	131	FEX-1	GALVANIZED G90 5 FOOT	SMALL END	TDF	6X6	6ø	.5	11	1	0	0	0	0	–	26	1/2 INCH LAP	2 IN WG 26-24 GA ALL TDF	
1	TRANSITION, NORMAL	002	RTU-1 S.A.	GALVANIZED G90 5 FOOT	TDF	TDF	18X12	16X16	.5	35	.5	-.5	1.5	18	14	.5	26	SM PITTS	2 IN WG 26-24 GA ALL TDF	
1	TRANSITION, NORMAL	029	RTU-1 R.A.	GALVANIZED G90 5 FOOT	TDF	TDF	11X26	16X16	.5	35	.5	2.5	-2.5	4	14	.5	24	SM PITTS	2 IN WG 26-24 GA ALL TDF	
1	TRANSITION, NORMAL	052	RTU-2 S.A.	GALVANIZED G90 5 FOOT	TDF	TDF	29X14	22X22	.5	45	.5	7.5	14.5	26	18	.5	24	SM PITTS	2 IN WG 26-24 GA ALL TDF	
1	TRANSITION, NORMAL	089	RTU-2 R.A.	GALVANIZED G90 5 FOOT	TDF	TDF	13X37	22X22	.5	39	.5	15.5	6.5	3	18	.5	24	SM PITTS	2 IN WG 26-24 GA ALL TDF	
12																				

Rectangular Elbow																		
QTY	Alias	#	System	Material	Conn 1	Conn 2	Size In	Size Out	S 1	S 2	Radius	Angle	Vanes	Lining	Gauge	Lock	Specification	Notes
1	MITERED ELBOW	003	RTU-1 S.A.	GALVANIZED G90 5 FOOT	WARD J	TDF	16X16	16X16	24	6	0	90	TRUE	.5	26	SM PITTS	2 IN WG 26-24 GA ALL TDF	
1	MITERED ELBOW	030	RTU-1 R.A.	GALVANIZED G90 5 FOOT	WARD J	TDF	16X16	16X16	24	6	0	90	TRUE	.5	26	SM PITTS	2 IN WG 26-24 GA ALL TDF	
1	MITERED ELBOW	053	RTU-2 S.A.	GALVANIZED G90 5 FOOT	WARD J	TDF	22X22	22X22	18.5	6	0	90	TRUE	.5	26	SM PITTS	2 IN WG 26-24 GA ALL TDF	
1	MITERED ELBOW	090	RTU-2 R.A.	GALVANIZED G90 5 FOOT	WARD J	TDF	22X22	22X22	18.5	6	0	90	TRUE	.5	26	SM PITTS	2 IN WG 26-24 GA ALL TDF	
4																		

Rectangular End Cap											
QTY	Alias	#	System	Material	Connector	Size	Throat	Gauge	Lock	Lining	Specification	Notes
1	RECTANGULAR CAP	144	RTU-1 O.A.	GALVANIZED G90 5 FOOT	TDF	26X14	1.5	24	SM PITTS	–	2 IN WG 26-24 GA ALL TDF	
1	RECTANGULAR CAP	152	RTU-2 O.A.	GALVANIZED G90 5 FOOT	TDF	36X18	1.5	22	SM PITTS	–	2 IN WG 26-24 GA ALL TDF	
2												

Rectangular Duct														
QTY	Alias	#	System	Material	Conn 2	Conn 1	Size	Length	Lining	Gauge	Lock	Specification	Notes	Status
1	RECTANGULAR DUCT	051	RTU-2 S.A.	GALVANIZED G90 5 FOOT	TDF	TDF	29X14	24	.5	24	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
1	RECTANGULAR DUCT	088	RTU-2 R.A.	GALVANIZED G90 5 FOOT	TDF	TDF	13X37	30	.5	24	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
1	RECTANGULAR DUCT	108	RTU-2 R.A.	GALVANIZED G90 5 FOOT	S-D	1 FL OUT	10X10	12	–	26	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
1	RECTANGULAR DUCT	114	FEX-1	GALVANIZED G90 5 FOOT	TDF	TDF	14X14	12	–	26	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
1	RECTANGULAR DUCT	132	FEX-1	GALVANIZED G90 5 FOOT	TDF	.75 FL OUT	6X6	12	–	26	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
1	RECTANGULAR DUCT	145	RTU-1 O.A.	GALVANIZED G90 5 FOOT	1 FL OUT	TDF	26X14	20	–	24	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
1	RECTANGULAR DUCT	153	RTU-2 O.A.	GALVANIZED G90 5 FOOT	1 FL OUT	TDF	36X18	20	–	22	SNAP LOCK L 2	2 IN WG 26-24 GA ALL TDF		FABRICATE
7														

ROUND

Round Duct Quantity													
Quantity	Alias	#	System	Material	Double Wall	Liner	Conn 1	Conn 2	Dia	Length	Specification	Gauge	Notes
1	ROUND PIPE, SPIRAL	005	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	63.88	2 IN WG G90 SPIRAL	24	
7	ROUND PIPE, SPIRAL	007	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	009	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	80	2 IN WG G90 SPIRAL	24	
2	ROUND PIPE, SPIRAL	012	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	120	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	014	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	60	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	014	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	45	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	015	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	6.13	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	016	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	70	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	018	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	12	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	020	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	9.25	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	020	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	18	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	022	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	108	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	022	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	120	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	023	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	12	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	025	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	24	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	027	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	15	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	032	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	63.88	2 IN WG G90 SPIRAL	24	
6	ROUND PIPE, SPIRAL	034	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	038	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	12.49	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	040	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	30.12	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	043	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	84	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	044	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	7.25	2 IN WG G90 SPIRAL	26	
2	ROUND PIPE, SPIRAL	045	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	120	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	047	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	110	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	049	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	12	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	055	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	22	71.88	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	057	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	22	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	059	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	22	60	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	061	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	20	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	063	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	18	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	065	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	90	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	069	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	27.99	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	071	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	12	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	072	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	20.5	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	073	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	18	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	076	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	25.5	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	078	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	21.52	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	079	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	60	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	081	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	24	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	082	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	70	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	083	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	30	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	092	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	22	49.88	2 IN WG G90 SPIRAL	24	
2	ROUND PIPE, SPIRAL	094	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	22	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	097	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	20	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	099	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	18	120	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	101	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	21.5	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	103	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	9	2 IN WG G90 SPIRAL	24	
4	ROUND PIPE, SPIRAL	104	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	9.25	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	106	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	12	119.94	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	110	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	18	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	110	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	19	2 IN WG G90 SPIRAL	24	
1	ROUND PIPE, SPIRAL	110	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	16	20	2 IN WG G90 SPIRAL	24	
2	ROUND PIPE, SPIRAL	111	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	14	60	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	117	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	14	120	2 IN WG G90 SPIRAL	26	
2	ROUND PIPE, SPIRAL	119	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	4	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	121	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	8	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	122	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	72	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	124	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	12.46	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	127	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	6	18	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	129	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	6	46	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	130	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	6	82	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	134	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	120	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	136	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	26.62	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	138	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	8	54.25	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	140	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	13.87	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	141	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	16.09	2 IN WG G90 SPIRAL	26	
4	ROUND PIPE, SPIRAL	143	T.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	18	2 IN WG G90 SPIRAL	26	
2	ROUND PIPE, SPIRAL	143	T.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	12	18	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	146	RTU-1 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	58	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	149	RTU-1 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	48	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	150	RTU-1 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	10	120	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	154	RTU-2 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	14	44	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	158	RTU-2 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	14	18	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	159	RTU-2 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	14	120	2 IN WG G90 SPIRAL	26	
1	ROUND PIPE, SPIRAL	161	RTU-2 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	BIG END PIPE	BIG END PIPE	14	24	2 IN WG G90 SPIRAL	26	
116													

Round Couplings										
QTY	Alias	#	System	Material	Dia	Length	Lock	Gauge	Specification	Notes
1	ROUND COUPLING, DUCT	046	RTU-1 R.A.	GALVANIZED G90 SPIRAL	8	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
1	ROUND COUPLING, DUCT	135	FEX-1	GALVANIZED G90 SPIRAL	8	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
2	ROUND COUPLING, DUCT	013	RTU-1 S.A.	GALVANIZED G90 SPIRAL	10	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
2	ROUND COUPLING, DUCT	148	RTU-1 O.A.	GALVANIZED G90 SPIRAL	10	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
2	ROUND COUPLING, DUCT	157	RTU-2 O.A.	GALVANIZED G90 SPIRAL	14	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
7	ROUND COUPLING, DUCT	008	RTU-1 S.A.	GALVANIZED G90 SPIRAL	16	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
5	ROUND COUPLING, DUCT	035	RTU-1 R.A.	GALVANIZED G90 SPIRAL	16	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
1	ROUND COUPLING, DUCT	058	RTU-2 S.A.	GALVANIZED G90 SPIRAL	22	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
1	ROUND COUPLING, DUCT	095	RTU-2 R.A.	GALVANIZED G90 SPIRAL	22	6	RL 3 SPOTWELD 2	20	2 IN WG G90 SPIRAL	
22										

Round End Cap												
QTY	Alias	#	System	Material	Double Wall	Liner	Connector	Diameter	Throat	Gauge	Specification	Notes
1	ROUND CAP	010	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	16	.25	24	2 IN WG G90 SPIRAL	
1	ROUND CAP	036	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	16	.25	24	2 IN WG G90 SPIRAL	
1	ROUND CAP	066	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	16	.25	24	2 IN WG G90 SPIRAL	
3												

Round Elbow																	
QTY	Alias	#	System	Material	Double Wall	Liner	Conn 1	Conn 2	Dia In	Dia Out	S 1	S 2	CL Radius	Angle	Specification	Gauge	Notes
2	ROUND ELBOW, ADJUSTABLE	155	RTU-2 O.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	14	14	2	0	14	45	SNAPLOCK	26	
1	ROUND ELBOW, ADJUSTABLE	068	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	8	8	2	0	8	90	SNAPLOCK	26	
4	ROUND ELBOW, ADJUSTABLE	075	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	10	10	2	0	10	90	SNAPLOCK	26	
2	ROUND ELBOW, ADJUSTABLE	112	FEX-1	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	14	14	2	0	14	90	SNAPLOCK	26	
1	ROUND ELBOW, GORED	102	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	16	16	2	2	24	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, GORED	160	RTU-2 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	14	14	2	2	14	90	2 IN WG G90 SPIRAL	24	
4	ROUND ELBOW, GORED	162	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	16	16	2	2	16	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	026	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	45	2 IN WG G90 SPIRAL	24	
12	ROUND ELBOW, STAMPED	077	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	45	2 IN WG G90 SPIRAL	24	
3	ROUND ELBOW, STAMPED	123	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	60	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	017	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
3	ROUND ELBOW, STAMPED	021	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	90	2 IN WG G90 SPIRAL	24	
2	ROUND ELBOW, STAMPED	048	RTU-1 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	90	2 IN WG G90 SPIRAL	24	
2	ROUND ELBOW, STAMPED	070	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	90	2 IN WG G90 SPIRAL	24	
8	ROUND ELBOW, STAMPED	080	RTU-2 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
2	ROUND ELBOW, STAMPED	120	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
2	ROUND ELBOW, STAMPED	128	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	6	6	0	0	9	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	137	FEX-1	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	90	2 IN WG G90 SPIRAL	24	
4	ROUND ELBOW, STAMPED	142	T.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
2	ROUND ELBOW, STAMPED	142	T.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	12	12	0	0	18	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	151	RTU-1 O.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	163	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	164	RTU-2 R.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	165	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	10	10	0	0	15	90	2 IN WG G90 SPIRAL	24	
1	ROUND ELBOW, STAMPED	166	RTU-1 S.A.	GALVANIZED G90 SPIRAL	FALSE	0	SMALL END	SMALL END	8	8	0	0	12	90	2 IN WG G90 SPIRAL	24	
67																	

.5X Radius Adjustable Round Elbow																	
QTY	Alias	#	System	Material	Double Wall	Liner	Conn 1	Conn 2	Dia In	Dia Out	S 1	S 2	CL Radius	Angle	Specification	Gauge	Notes
1	ROUND ELBOW, ADJUSTABLE	006	RTU-1 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	16	16	2	0	8	90	SNAPLOCK	26	
1	ROUND ELBOW, ADJUSTABLE	033	RTU-1 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	16	16	2	0	8	90	SNAPLOCK	26	
1	ROUND ELBOW, ADJUSTABLE	056	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	22	22	2	0	11	90	SNAPLOCK	26	
1	ROUND ELBOW, ADJUSTABLE	093	RTU-2 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	BIG END	CRIMP	22	22	2	0	11	90	SNAPLOCK	26	
4																	

Round Take Off																
QTY	Alias	#	System	Material	Double Wall	Liner	Saddle	Connector	Dia	Length	S Out	Damper	Gauge	Specification	Notes
3	HETO	011	RTU-1 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 16Ø	SMALL END	10	6	3	TRUE	30	2 IN WG G90 SPIRAL	
2	HETO	024	RTU-1 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 16Ø	SMALL END	8	6	3	TRUE	30	2 IN WG G90 SPIRAL	
2	HETO	067	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 22Ø	SMALL END	8	6	3	TRUE	30	2 IN WG G90 SPIRAL	
2	HETO	074	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 22Ø	SMALL END	10	6	3	TRUE	30	2 IN WG G90 SPIRAL	
2	HETO	084	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 20Ø	SMALL END	10	6	3	TRUE	30	2 IN WG G90 SPIRAL	
2	HETO	085	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 18Ø	SMALL END	10	6	3	TRUE	30	2 IN WG G90 SPIRAL	
2	HETO	086	RTU-2 S.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 16Ø	SMALL END	10	6	3	TRUE	30	2 IN WG G90 SPIRAL	
1	HETO	133	FEX-1	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 14Ø	SMALL END	8	6	3	TRUE	30	2 IN WG G90 SPIRAL	
1	HETO	139	FEX-1	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 14Ø	SMALL END	10	6	3	TRUE	30	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	037	RTU-1 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 16Ø	SMALL END	10	6	0	TRUE	30	2 IN WG G90 SPIRAL	
2	SPIRAL ROUND TAP, NORMAL	042	RTU-1 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 16Ø	SMALL END	8	6	0	TRUE	30	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	105	RTU-2 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 22Ø	SMALL END	12	6	0	TRUE	30	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	109	RTU-2 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 18Ø	SMALL END	16	6	0	TRUE	30	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	109	RTU-2 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 22Ø	SMALL END	16	6	0	TRUE	26	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	109	RTU-2 R.A.	GALVANIZED G60 5 FOOT	FALSE	0	SADDLE - OFF OF 20Ø	SMALL END	16	6	0	TRUE	26	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	147	RTU-1 O.A.	GALVANIZED G60 5 FOOT	FALSE	0	NO SADDLE	SMALL END	10	6	0	TRUE	30	2 IN WG G90 SPIRAL	
1	SPIRAL ROUND TAP, NORMAL	156	RTU-2 O.A.	GALVANIZED G60 5 FOOT	FALSE	0	NO SADDLE	SMALL END	14	6	0	TRUE	30	2 IN WG G90 SPIRAL	
26															

Round Transition																				
QTY	Alias	#	System	Double Wall	Liner	Conn In	Conn Out	Rd/Sq Dia. In	S 1	S 2	Dia In	Dia Out	Left Set	Right set	Top ⌂	Btm ⌂	Length	Specification	Gauge	Notes
1	ROUND TRANSITION, CONCENTRIC	019	RTU-1 S.A.	FALSE	0	SMALL END	SMALL END	0	0	0	10	8	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	060	RTU-2 S.A.	FALSE	0	SMALL END	SMALL END	0	0	0	22	20	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	062	RTU-2 S.A.	FALSE	0	SMALL END	SMALL END	0	0	0	20	18	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	064	RTU-2 S.A.	FALSE	0	SMALL END	SMALL END	0	0	0	18	16	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	096	RTU-2 R.A.	FALSE	0	SMALL END	SMALL END	0	0	0	22	20	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	098	RTU-2 R.A.	FALSE	0	SMALL END	SMALL END	0	0	0	20	18	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	100	RTU-2 R.A.	FALSE	0	SMALL END	SMALL END	0	0	0	18	16	1	-1	-1	1	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	118	FEX-1	FALSE	0	SMALL END	SMALL END	0	0	0	14	10	2	-2	-2	2	8	2 IN WG G90 SPIRAL	24	
1	ROUND TRANSITION, CONCENTRIC	126	FEX-1	FALSE	0	SMALL END	SMALL END	0	0	0	14	6	4	-4	-4	4	8	2 IN WG G90 SPIRAL	24	
9																				

Round Bullhead Tee																	
QTY	Alias	#	System	Material	Double Wall	Liner	Joint In	Dia. In	St. In	Joint Lt	Dia. Lt	St.Lt	Joint Rt	Dia. Rt	St. Rt	Specification	Notes
1	ROUND TEE BULLHEAD	116	FEX-1		FALSE	0	SMALL END	14	4	SMALL END	14	4	SMALL END	14	3	2 IN WG G90 SPIRAL	
1																	

Shipping Details:

SHIPS TO:

TCG DUCT
305 SOUTH MAPLE AVE.
GREENSBURG PA 15601

Please report shipping damage or discrepancies immediately to:

CHAD MILLER
TOLL FREE PHONE: 877.600.0274
E-MAIL: CHAD.MILLER@TCGMEP.COM

TD #.## → -TOP DOWN
TU #.## → -TOP UP
LS -# -LEFT SET
CL ← -CENTER LINE TRANSITION
(0.0) -DUCT FAB NUMBER

Preliminary For Review Only

PROJECT #: 0000-00

THE CINCINNATUS GROUP
DUCTWORK MATERIAL MANAGEMENT PROGRAMS

305 South Maple Ave.
Greensburg, PA 15601
Phone: 877.600.0221

www.TCGDUCT.com

THIS DRAWING IS PROVIDED AS A SERVICE OF TCG MEP SERVICES IT IS NOT INTENDED TO BE A COORDINATION DRAWING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY APPROVALS FOR CONSTRUCTION BEFORE SIGNING THIS DRAWING. THIS DRAWING MUST BE SIGNED BY THE CONTRACTOR AND MANUFACTURER'S REPRESENTATIVE AND ONE SET RETURNED TO TCG MEP SERVICES PLEASE REVIEW ALL DIMENSIONS AND CHANGE THEM TO MEET ACTUAL FIELD CONDITIONS AND EQUIPMENT SUBMITTAL DIMENSIONS.

Job Name: TCG SAMPLE PROJECT

Client: THE CINCINNATUS GROUP

Job Location: 305 SOUTH MAPLE AVE. GREENSBURG PA 15601

Scale: N.A.

PLEASE CHECK ONE OF THE FOLLOWING

Please Resubmit For Changes ____
Fabricate As Per Changes ____
Fabricate As Per Drawing ____

Date	Rev. #	Revision	By
03/05/2020	0	FOR FABRICATION	PL
10/28/2021	1	MARKUP CHANGES	CM

PLEASE SIGN BELOW

Manufacture Rep: ____
Date: ____
Contractor: ____
Date: ____

SPECIAL INSTRUCTIONS RECTANGULAR:
UNDER 24"=26ga MIN
24" & ABOVE=24ga MIN

Dimensions : ✓ O.D. ____ I.D.

Rectangular Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
.5" W.C.							
1" W.C.							
2" W.C.	✓	✓	✓	✓			
3" W.C.							
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material: Galvanized G90 ✓; Galvaneal; S.S. 304; S.S. 316; A.L. 3003; PCD 4/4; HRS

Seams: Pittsburgh ✓; Snaplock ✓

Seam Sealant: Yes ____; No ✓

Hangers Yes ✓ No ___

Liner: Thickness .5" ✓; 1.5"; 2"; None — Density 1 #; 1.5 #; 2 #

½" ELASTOMERIC LINER TO POINTS INDICATED ON DRAWINGS

Joint Plastic: Yes ____; No ✓

Vanes: 2" Single; 2" Double ✓; 4" Double

	Ga.	Qty.
Aluminum		
Galvanized	20	TBD
Stainless Steel		

Tap Type: Straight; 45 Deg. Entry ✓

Grille Taps: Manifolded; Loose ✓; Flange In; Flange Out

Duct: Assem. / K.D. — Duct ____ ✓; Ftg. ✓ ____; >= ____

Double Wall Yes ___ No ✓
Perforated ___ Duct ___ Fitting
Solid ___ Duct ___ Fitting
Mylar ___ Insulation ___ 1"___ 2"

Connectors: S/D; TDF ✓; Ward J ✓

SPECIAL INSTRUCTIONS SPIRAL, SNAPLOCK, OR OVAL:

SPIRL Ø ADJ ELS WHERE NOTED ONLY

Dimensions : ✓ O.D. ____ I.D.

Spiral ✓ Snaplock ___ Oval ___ Specifications

System Pressure Class

	S.A.	R.A.	E.A.	O.A.	K.E.	M.A.	D.W.E.
2" W.C.	✓	✓	✓	✓			
4" W.C.							
6" W.C.							
10" W.C.							
Welded							

Material: Galvanized G90 ✓; Galvaneal; S.S. 304; S.S. 316; A.L. 3003; PCD 4/4; HRS

Joint Plastic: Yes ____; No ✓

Spiral Pipe: Cut To Length ____; Ten Foot Sections ✓

Labels: Inside Duct ____; Outside Of Duct ✓

Transitions: Concentric ✓; Eccentric ____

Elbow Type: .5 CLR ✓; 1.5 CLR ✓; Stamped ✓; Gored ✓; Adjustable ✓

Tee Type: Straight ____; Conical ____; Combination ____

Tap Type: Straight ✓; Conical; Low Loss ✓; Combination ✓

Connectors: Couplings All Round ✓; Accu Flange ____; Angle Rings ____

Seam Sealant: Sealed ____; Welded ____

Double Wall Yes ___ No ✓
Perforated ___ Pipe ___ Fitting
Solid ___ Pipe ___ Fitting
Mylar ___ Insulation ___ 1"___ 2"

Grille Taps: Manifolded ___; Loose ___; Flange In ___; Flange Out ___; D.W. ___; Fitting ___; N/A ✓

Manifolding: Allowed ____; Not Allowed ____; Shop ____; Field ✓

PLEASE REFER TO OUR PROJECT # ON ALL COMMUNICATIONS REGARDING THIS DRAWING. THIS NUMBER IS REQUIRED FOR US TO FIND INFORMATION ABOUT THIS DRAWING. THANK YOU FOR YOUR COOPERATION.

Drawing #
M-1C

Drawn By: PL
Approved By: DM
Start Date: 3/21/22
Plot Date: 3/21/22