

SYMBOL & ABBREVIATION SCHEDULE

NOTE: ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT.

ABV	ABOVE	GR	GRILLE
ALUM.	ALUMINUM	H.C.	HEATING CONTRACTOR
A.H.U.	AIR HANDLING UNIT	H.P.	HORSE POWER
A.F.F.	ABOVE FINISHED FLOOR	H.G.	HEATING
ALT.	ALTERNATE	I.E.R.	INVERTED ECCENTRIC REDUCER
APPROX.	APPROXIMATELY	INSUL.	INSULATION
B.B.	BASE BOARD	LIG	LIGHTING
BLW	BELOW	MIN.	MINIMUM
BUDG.	BUILDING	MFR	MANUFACTURER
B.D.D.	BACKDRAFT DAMPER	MTD	MOUNTED
CD	CONDENSATE DRAIN	N.C.	NORMALLY CLOSED
CLG.	CEILING	N.O.	NORMALLY OPEN
COL.	COLUMN	N.I.T.S.	NOT TO SCALE
CONC.	CONCRETE	OPER	OPERATED
CONN.	CONNECTION	O.A.	OUTSIDE AIR
CONT.	CONTINUATION	P.C.	PLUMBING CONTRACTOR
CORR.	CORRIDOR	R.A.	RETURN AIR
	CONCENTRIC REDUCER	RECD	REQUIRED
	CONDENSATE RETURN	RGC	RELIEF OR RETURN GRILLE CEILING
	DRAWING	RRC	RELIEF OR RETURN REGISTER CEILING
	DOMESTIC HOT WATER	SCH.	SCHEDULE
D.H.W.	DAMPERS	SHT	SHEET
DN	DOWN	SDC-1	SUPPLY DIFFUSER CEILING ONE WAY
DIFF	DIFFUSER	SDC-2	SUPPLY DIFFUSER CEILING TWO WAY
E.C.	ELECTRICAL CONTRACTOR	SDC-3	SUPPLY DIFFUSER CEILING THREE WAY
EF	EXHAUST FAN	SDC-4	SUPPLY DIFFUSER CEILING FOUR WAY
ELECT.	ELECTRIC	SOCL	SUPPLY DIFFUSER CEILING LINER
EQUIP.	EQUIPMENT	TEMP.	TEMPERATURE
E.R.	ECCENTRIC REDUCER	TRANS.	TRANSITION
E.A.T.	ENTERING AIR TEMPERATURE	TSTAT	THERMOSTAT
ETC.	ETCETERA	TYP	TYPICAL
E.R.C.	EXHAUST REGISTER CEILING	V.I.R.	VOLUME CONTROL DAMPER
E.R.W.	EXHAUST REGISTER WALL	V.O.C.D.	VENT THRU ROOF
E.H.	EXHAUST REGISTER	W/	WITH
EDC-1	EXHAUST DIFFUSER CEILING ONE WAY	W/H.	WALL HEATER
EDC-2	EXHAUST DIFFUSER CEILING TWO WAY	WP	WEATHERPROOF
EDC-3	EXHAUST DIFFUSER CEILING THREE WAY	W/	W/
EDC-4	EXHAUST DIFFUSER CEILING FOUR WAY	W/ STAT	W/ STAT
F.A.T.	FLEXIBLE CONNECTION	W/ WALL	W/ WALL
F.C.	FLOOR	W/ WALL	W/ WALL
F.D.	FLOOR	W/ WALL	W/ WALL
FTG	FITTING	W/ WALL	W/ WALL
G.C.	GENERAL CONTRACTOR	W/ WALL	W/ WALL

FAN SCHEDULE

SYMBOL	CFM	S.P.	FRPM	TIP SPEED (FPM)	DRIVE	HP	ELECT. CHAR.	ROOF OPENING	LOCATION	CONTROL	REMARKS
EF-1	600	0.50	1,243	3,641	BELT	1/4	120/1/80	19x19	RESTROOMS	W/ LIGHTS	ROOF-JACK PER MFG
EF-2	150	0.50	1,050	2,183	DIRECT	FRACT	120/1/80	6"ø	MECHANICAL ROOM	W/ STAT	ROOF-JACK PER MFG
EF-3	90	0.50	950	1,975	DIRECT	FRACT	120/1/80	6"ø	BATH	W/ STAT	ROOF-JACK PER MFG
EF-4	100	0.50	950	1,975	DIRECT	FRACT	120/1/80	6"ø	SERVING	W/ WALL	ROOF-JACK PER MFG
EF-5	50	0.50	900	1,871	DIRECT	FRACT	120/1/80	4"ø	JANITOR	W/ WALL	ROOF-JACK PER MFG
EF-6	75	0.50	925	1,911	DIRECT	FRACT	120/1/80	4"ø	JANITOR	W/ WALL	ROOF-JACK PER MFG

NOTE:
1. ALL BELT DRIVEN FANS SHALL BE ADJUSTED TO PROVIDE SYSTEM CFM.
2. FAN SHALL SET LEVEL CURB TO MATCH ROOF SLOPE.

ROOF TOP UNIT SCHEDULE (GAS / ELECTRIC)

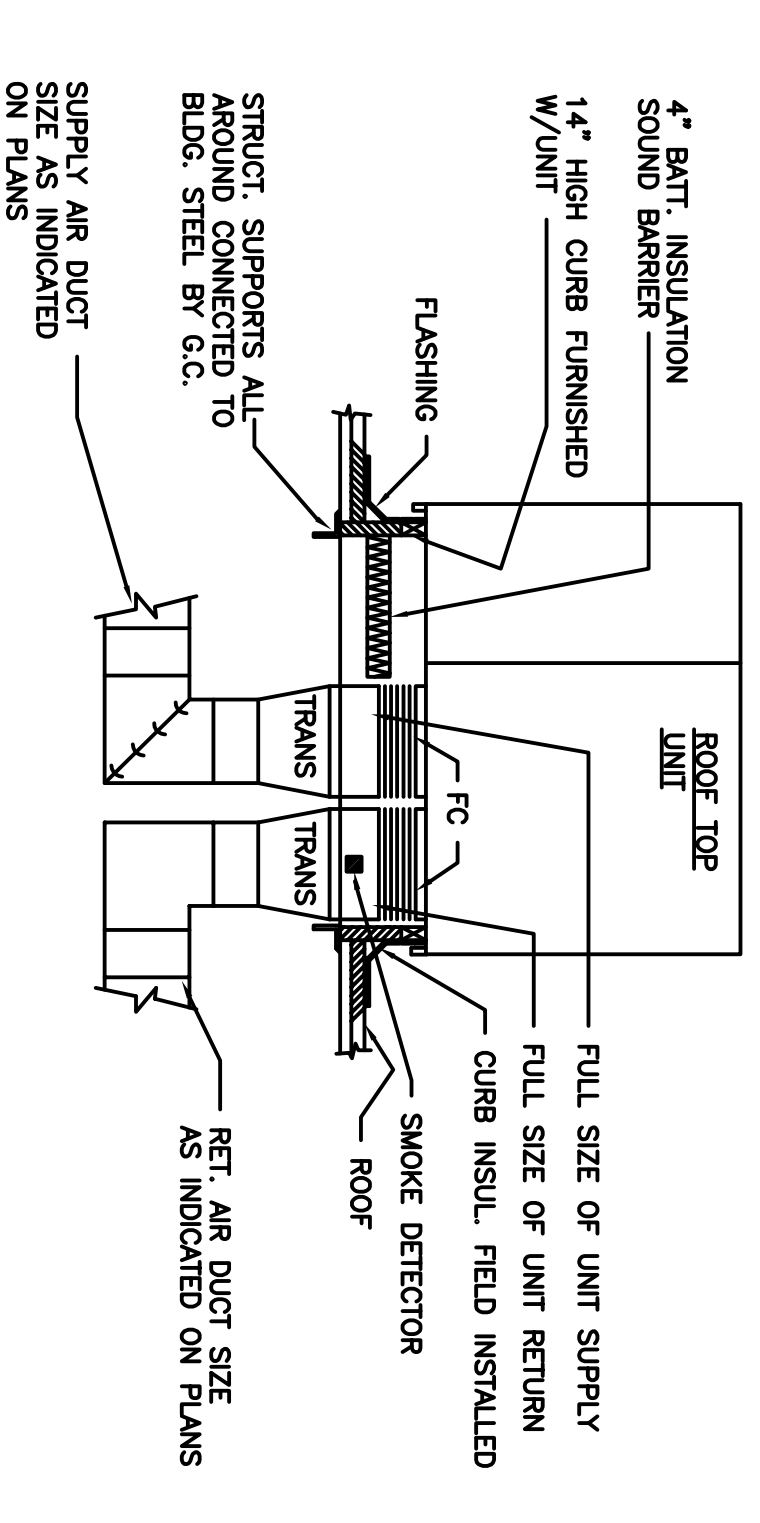
SYMBOL	CFM	O.A.	DX COOLING DATA				EVP- FAN		HEATING MBH		ELECTRICAL		OPERATING WEIGHT LBS.	REMARKS					
			EDB	EWB	T-MBH	S-MBH	OD	A MB	SEER	HP	DRIVE	E.S.P.			RPM	IN	OUT	VOLTAGE	MCA
RTU-1	4,240	3,000	79.7	65.9	123.0	93.4	95.0	9	3	DIRECT	0.60	994	240	192	208/3/60	54.6	70	1,246	1.6,7
RTU-2	4,240	3,000	79.7	65.9	123.0	93.4	95.0	9	3	DIRECT	0.60	994	240	192	208/3/60	54.6	70	1,246	1.6,7
RTU-3	2,000	800	80.0	67.0	88.5	43.0	95.0	10	1.5	BELT	0.60	1,088	100	79	208/3/60	28.5	35	705	2.4,5
RTU-4	2,600	720	80.0	67.0	80.0	55.0	95.0	10	1.5	BELT	0.60	1,088	100	79	208/3/60	28.5	35	1,106	3.4,5
RTU-5	4,240	3,000	79.7	65.9	123.0	93.4	95.0	9	3	DIRECT	0.60	994	240	192	208/3/60	54.6	70	1,246	1.6,7

NOTES:
1. FACTORY INSTALLED OVERSIZED BLOWER MOTOR.
2. FACTORY INSTALLED BELT DRIVE
3. FACTORY INSTALLED BAROMETRIC RELIEF DAMPER
4. FACTORY INSTALLED 2" PLEATED FILTERS
5. FACTORY INSTALLED 2" PLEATED FILTERS
6. FACTORY INSTALLED 2" PLEATED FILTERS
7. FIELD INSTALLED ENERGY RECOVER VENTILATOR.

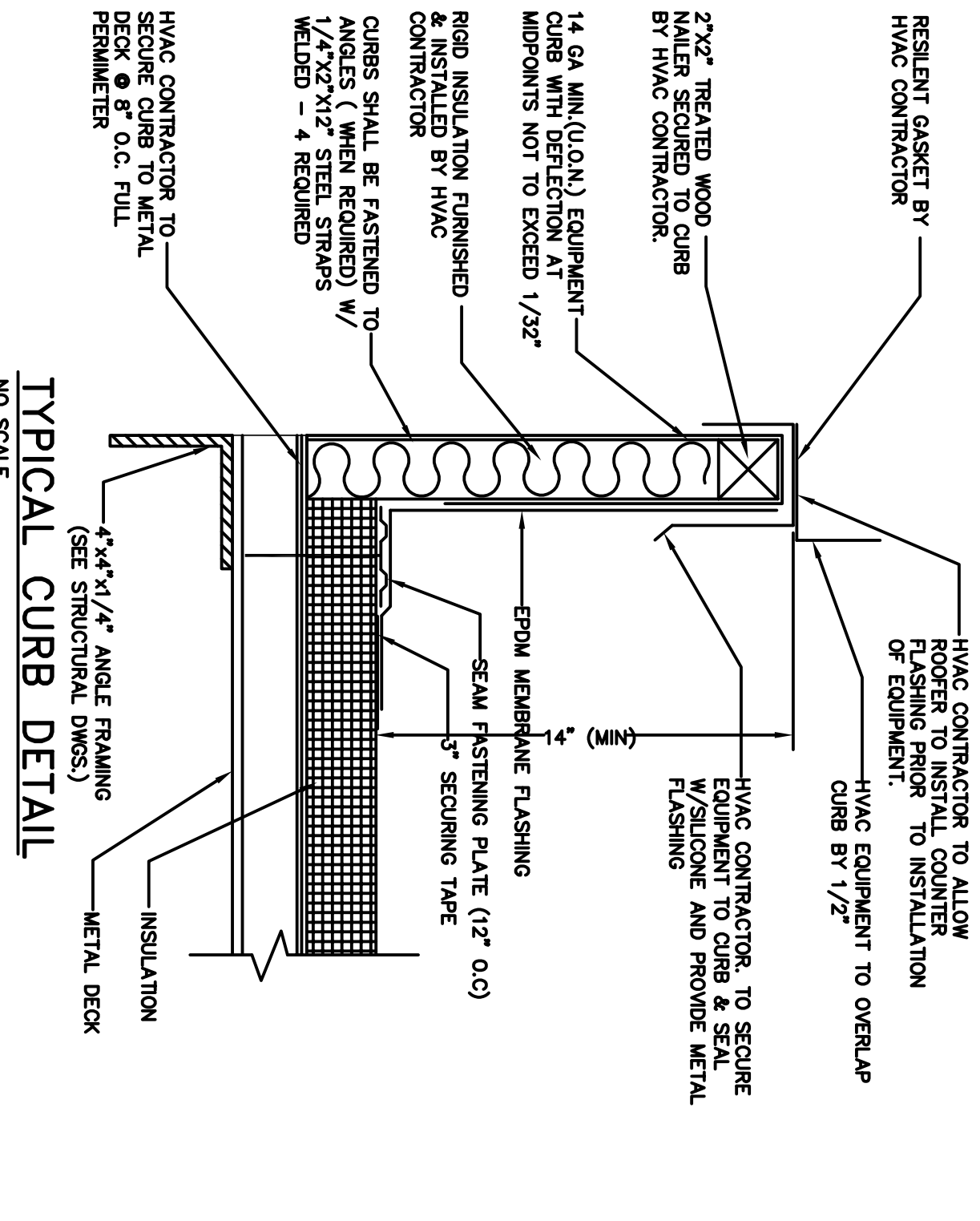
ELECTRIC BASEBOARD SCHEDULE

SYMBOL	LENGTH	ELEC. CHAR.	ENCL. HGT.	ENCL. WIDTH	TOTAL WATS	WATS/LF	STAT	FINISH	REMARKS
EBB-1	5'-0"	120/1/80	?	?	?	?	?	?	

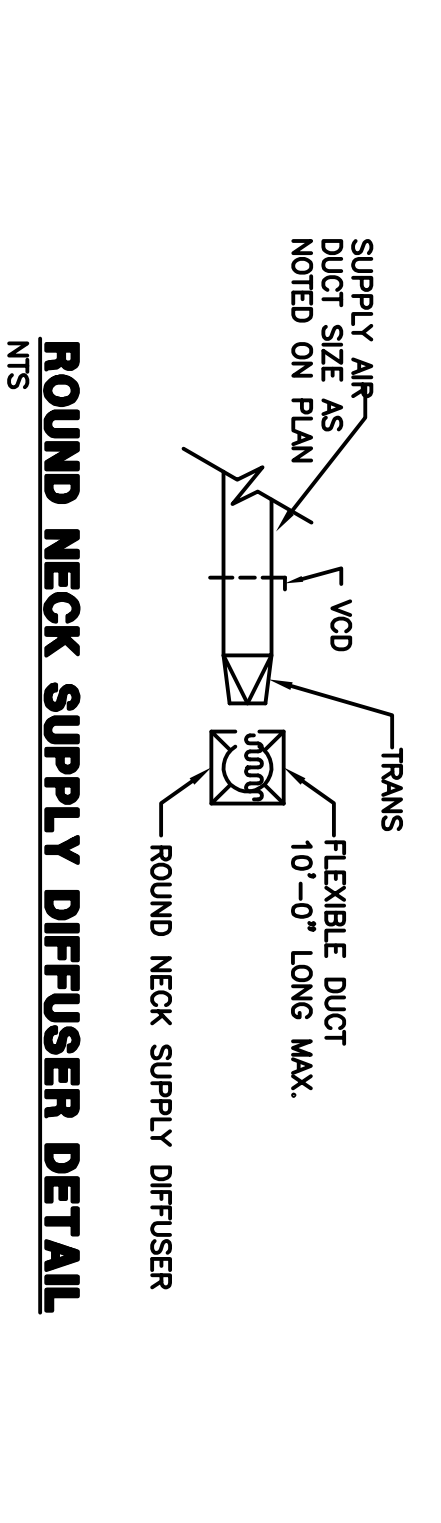
NOTES:
1. VERIFY FINISH WITH ARCHITECT



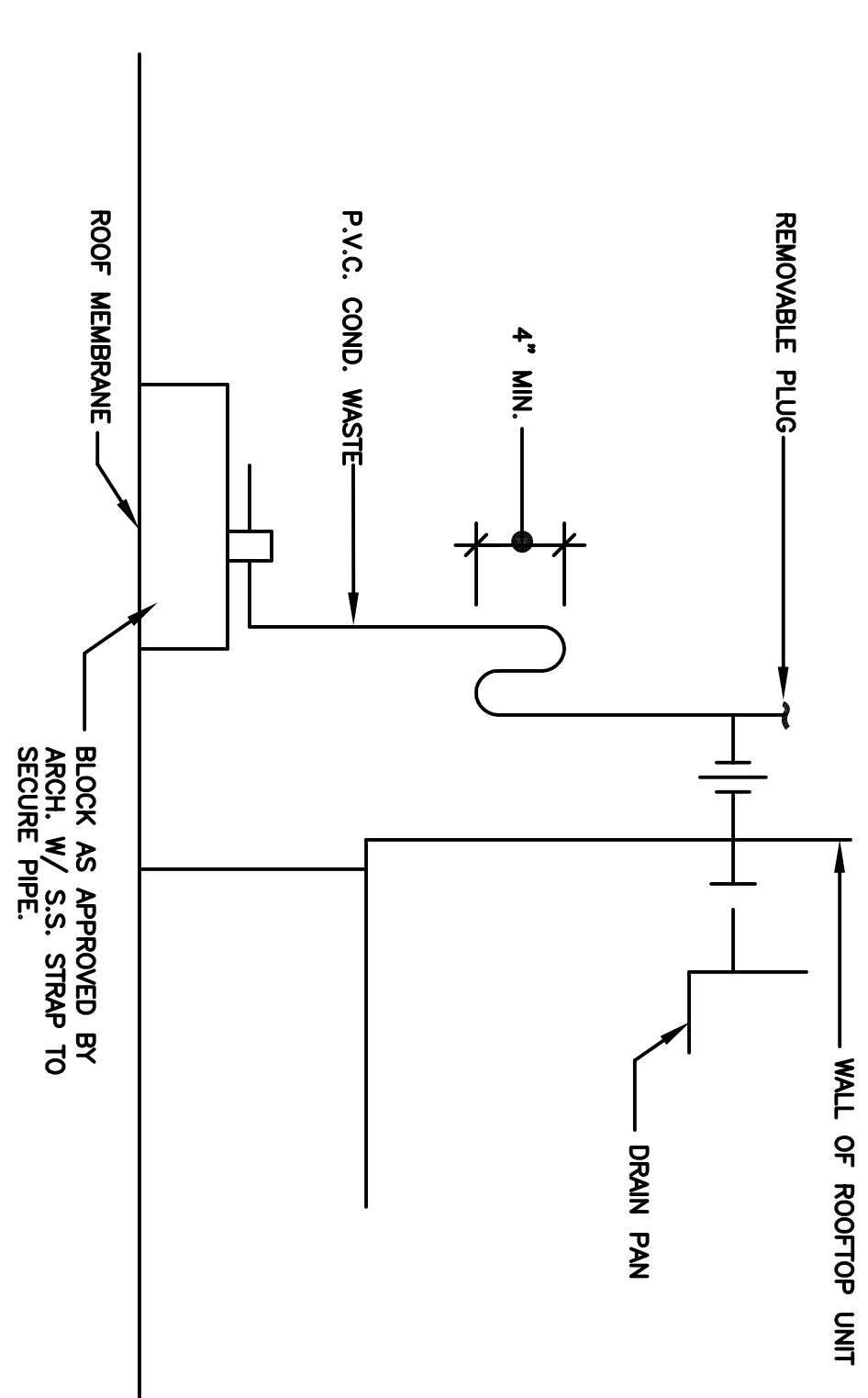
TYPICAL ROOF TOP INSTALLATION
NO SCALE



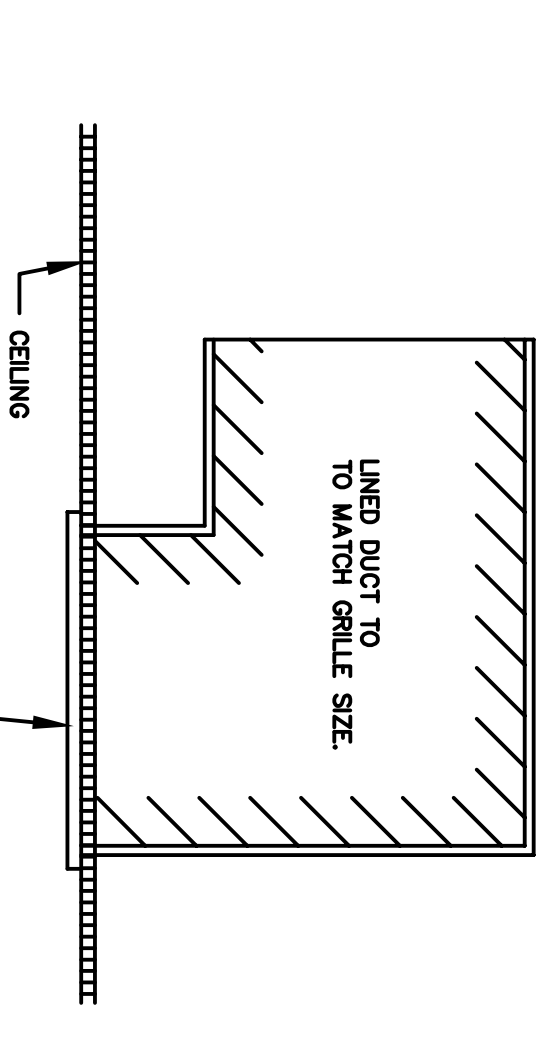
TYPICAL CURB DETAIL
NO SCALE



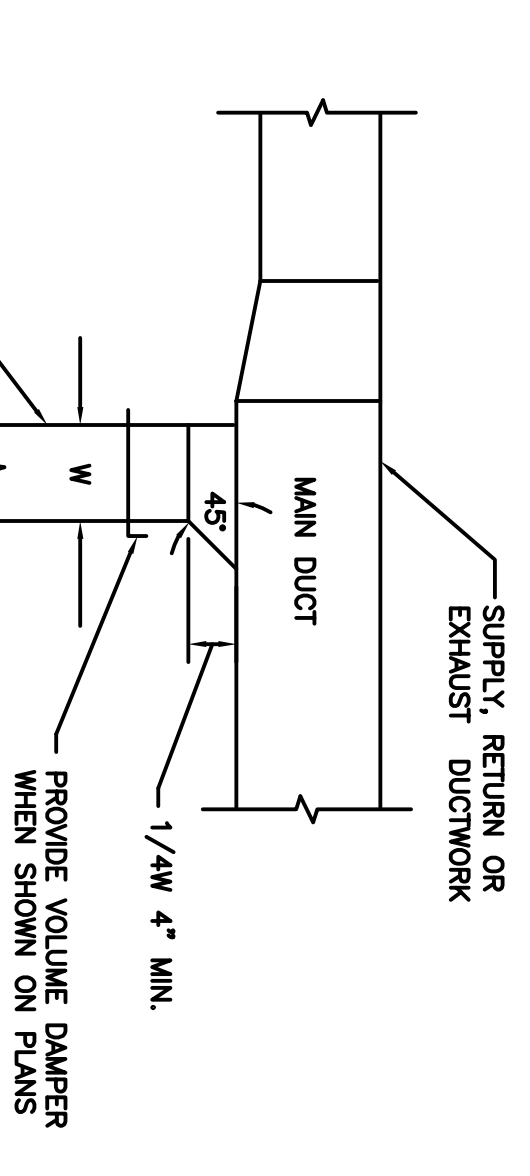
ROUND NECK SUPPLY DIFFUSER DETAIL
N.T.S.



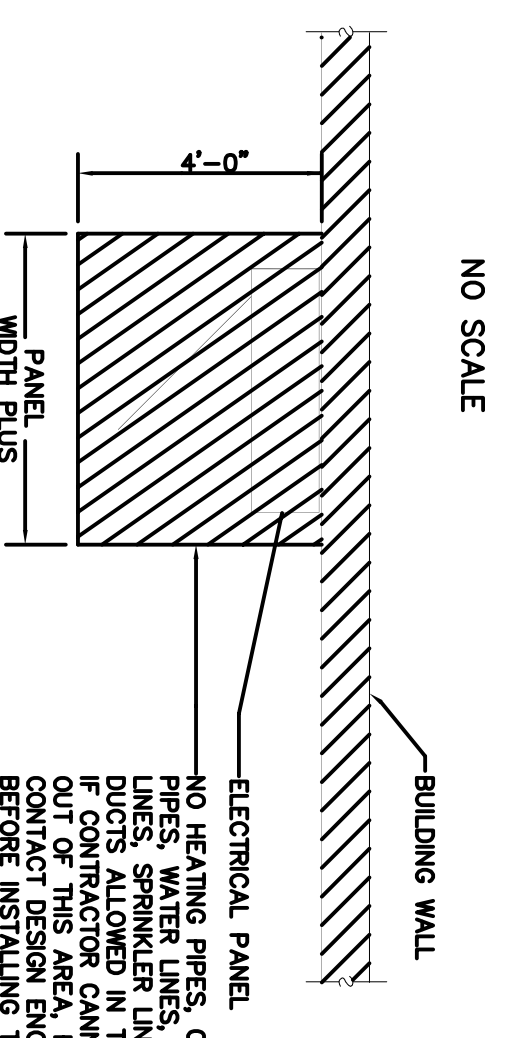
ROOFTOP UNIT TRAP INSTALLATION DIAGRAM
NO SCALE



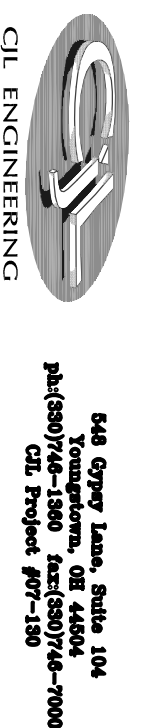
TRANSFER GRILLE INSTALLATION DETAIL
N.T.S.



BRANCH DUCT CONNECTION DETAIL
N.T.S.



TYPICAL ELECTRIC PANEL CLEARANCE DETAIL
NO SCALE



148 Open Lane, Suite 104
North Lima, Ohio 44049
330-549-5321
Fax: 330-549-5320
E-Mail: info@cil-engineering.com

TO BE CONSTRUCTED BY
COGUN, INC.
11369 Market Street
North Lima, Ohio
330-549-5321

Kim Jones, A.I.A.
118 11th St. S.E.
Washington, D.C. 20003
202-543-2433

Floor Plan - HVAC

Light of the World Family Ministries
Annapolis, MD

August 16, 2007
Scale as Noted

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