

c k g a r c h i t e c t u r e i n c .

October 3, 2016

City of McKinney
Planning Department
222 N. Tennessee Street
McKinney, Texas 75069
RE: Letter of Intent

JOB NO. 1623

RE: Letter of Intent for McKinney 8th Ward Church Meetinghouse Development

Thank you for the opportunity to present this letter of intent. We are planning to construct a 16,558 SF Church Meetinghouse including a chapel, cultural center, ecclesiastical offices and class rooms. It will also include associated parking and an accessory storage building of 191 SF. It will be constructed along 315.15 feet on the East side of Hardin Blvd., approximately 320' South of the Wilmoth Road intersection and approximately 125' North of Briargrove Lane, with residential to the South and East and a vacant lot to the North. The facility will not be constructed in phases. There will not be more than one use for the facility, it will function solely as a church meetinghouse.

The property has been conveyance platted as the "Hardin Boulevard Church Addition Lot 1 Block A", a 4.14921 acre tract.

We understand the site is commercially zoned and is not part of an overlay district. We do not believe rezoning, or a specific use permit, will need to be required.

The Church Meetinghouse will include:

1. Landscaped Parking Islands
2. Steeple (with roof mounted lighting)
3. Stone Monument Sign
4. Parking Lot Lighting

P&Z Variance Request - Sec. 146-139. - Architectural and site standards G, 6 requires – *"All ground level mechanical, heating, ventilation, and air conditioning equipment is completely screened by a masonry screening wall that is at least six feet tall"*

We request a variance to lower the masonry screen wall requirement height from 6'-0" to 4'- 3" a reduction of 1' - 9". The HVAC units being screened will be 1'- 5 3/4 " lower than the screen wall and will not be visible, they will therefore all be "completely screened by a masonry screening wall". The HVAC equipment will be 2'-11 1/4 "or 33.25" tall. We included a York Cut Sheet and highlighted the dimensions in yellow.

Units will be manufactured by one of the 3 following:

- a) Carrier: 24AAA5.
- b) Lennox: 14ACX.
- c) York: YCS.

The 4 proposed enclosures are also shown in plan on sheet L101. Please also see our attached sheet SD308 details 2, D, E, and F.

We request the earliest possible Planning and Zoning Commission dates available.

Once again, thank you for this opportunity to meet with you on this project. Should you have any questions, please feel free to call me at any time. My contact information is below

Sincerely,

Chandler K. Growald

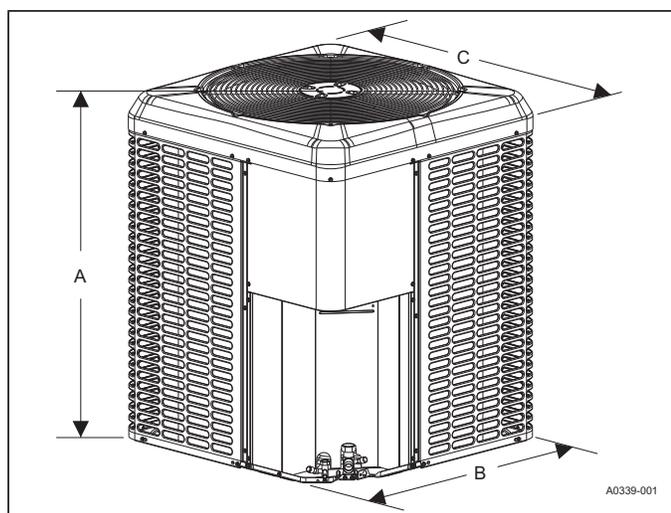
Chandler K. Growald
CKG Architecture Inc.

Applicant: Jim Dewey
JDJR Engineers
2500 Texas Drive Ste. 100
Irving Texas 75062
972-252-5357

PHYSICAL AND ELECTRICAL DATA

MODEL		YCS18B21S	YCS24B21S	YCS30B21S	YCS36B21S	YCS42B21S	YCS48B21S	YCS60B21S
Unit Supply Voltage		208-230V, 1 ϕ , 60Hz						
Normal Voltage Range ¹		187 to 252						
Minimum Circuit Ampacity		11.8	13.6	17.6	20.5	22.1	25.7	31.7
Max. Overcurrent Device Amps ²		20	20	30	35	35	45	50
Min. Overcurrent Device Amps ³		15	15	20	25	25	30	35
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor	Rated Load	9.0	10.2	13.4	15.4	16.6	19.5	24.3
	Locked Rotor	56.3	61.6	72.5	83.9	109.0	130.0	144.2
Crankcase Heater		No	No	No	No	No	No	No
Factory External Discharge Muffler		No	No	No	No	No	No	No
HS Kit Required with TXV ⁴		No	No	No	No	No	No	No
Fan Diameter Inches		18	22	22	22	24	24	26
Fan Motor	Rated HP	1/12	1/8	1/8	1/4	1/4	1/4	1/4
	Rated Load Amps	0.64	0.80	0.80	1.3	1.3	1.3	1.3
	Nominal RPM	1000	1075	1075	850	850	850	850
	Nominal CFM	1900	2875	2950	3275	3500	3500	4300
Coil	Face Area Sq. Ft.	12.37	13.83	13.83	17.37	18.74	18.74	23.40
	Rows Deep	1	1	1	1	1	1	1
	Fins / Inch	23	23	23	23	23	23	23
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed) ⁵		3/4	3/4	3/4	3/4	7/8	7/8	1-1/8 [†]
Unit Charge (Lbs. - Oz.) ⁶		3-6	3-12	3-15	4-10	4-15	4 - 15	5 - 12
Charge Per Foot, Oz.		0.62	0.62	0.62	0.62	0.67	0.67	0.75
Operating Weight Lbs.		130	135	140	155	200	200	205

1. Rated in accordance with AHRI Standard 110-2012, utilization range "A".
2. Dual element fuses or HACR circuit breaker. Maximum allowable overcurrent protection.
3. Dual element fuses or HACR circuit breaker. Minimum recommended overcurrent protection.
4. See Hard Start Kit Accessory Installation Manual for Hard Start Kit part number for each model.
5. For applications with non-standard vapor line sizes, see the "Applications & Accessories" section of this Technical Guide.
6. The Unit Charge is correct for the outdoor unit, smallest matched indoor unit, and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in actual lineset length (not equivalent length) multiplied by the per foot value.



DIMENSIONS

Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
YCS18B21S	33-1/4	24	24	3/8	3/4
YCS24B21S	30	29-1/4	29-1/4		
YCS30B21S	30	29-1/4	29-1/4		
YCS36B21S	36-1/4	29-1/4	29-1/4		
YCS42B21S	33-1/4	35-1/4	31-3/4		
YCS48B21S	33-1/4	35-1/4	31-3/4	7/8	
YCS60B21S	36-1/4	38	34-1/4	7/8 [†]	

† Adapter fitting must be field installed for the required 1-1/8" line set. All dimensions are in inches and are subject to change without notice. Overall height is from bottom of base pan to top of fan guard. Overall length and width include screw heads.