



COLLIN COUNTY

Office of the Purchasing Agent
2300 Bloomdale Road
Suite 3160
McKinney, Texas 75071
www.collincountytx.gov

COLLIN COUNTY, TEXAS

ADDENDUM No. Three (3)

IFB No. 2020-272

INVITATION FOR BID

FOR

CONSTRUCTION, NEW OFFICE BUILDING FOR PRECINCT 2
JUSTICE OF THE PEACE & CONSTABLE

DATE: JULY 17, 2020

NOTICE TO ALL PROSPECTIVE BIDDERS:

PLEASE MAKE THE FOLLOWING CHANGES TO THE INVITATION FOR BID:

ADD DOCUMENT:	LIFT STATION DESIGN CONCEPT 7-16-2020
ADD DOCUMENT:	BID QUESTIONS & ANSWERS-ADDENDUM 3
ADD DOCUMENT:	ARCHITECT'S ADDENDUM No. 3
DELETE DOCUMENT: REPLACE WITH:	SHEET E2 SHEET E2 REV. 3
DELETE DOCUMENT: REPLACE WITH:	SHEET M1 SHEET M1 REV. 3
DELETE DOCUMENT: REPLACE WITH:	SHEET M3 SHEET M3 REV. 3
DELETE DOCUMENT: REPLACE WITH:	SHEET M4 SHEET M4 REV. 3
ADD ATTRIBUTE:	#26-ADDENDUM No. 3 ACKNOWLEDGEMENT
DELETE DOCUMENT:	SECTION 004100-BID FORM ADDENDUM 2
REPLACE WITH:	SECTION 004100-BID FORM ADDENDUM 3

ALL OTHER TERMS AND CONDITIONS OF THE BID AND SPECIFICATIONS REMAIN THE SAME.

SINCERELY,
MICHALYN RAINS, CPPO, CPPB
PURCHASING AGENT

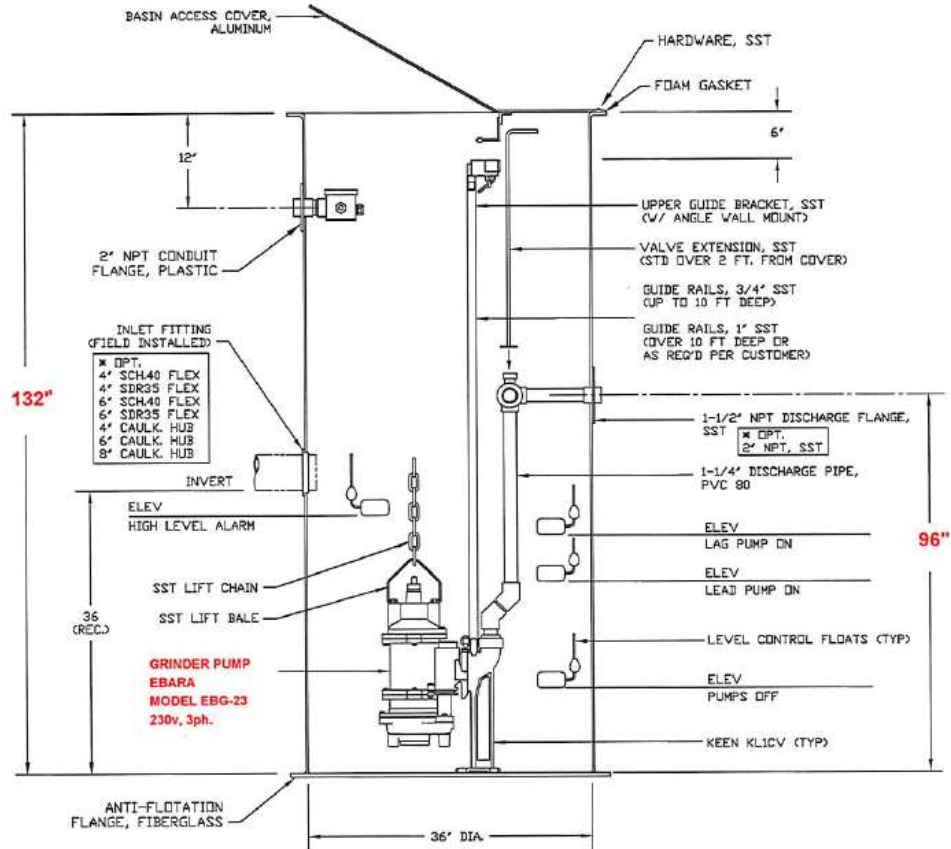
JDG

LAVON PCT 2 LIFT STATION

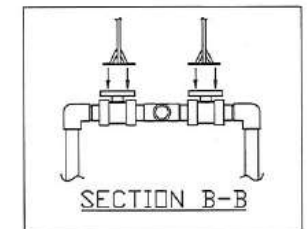
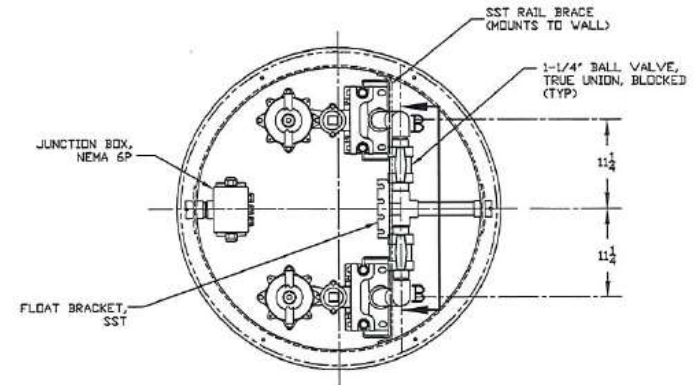
- 1- Ebara Duplex Packaged grinder pump station containing:
 - * (2) EBG-23 submersible grinder pumps, 2HP, 230/3/60, dual seal, 3450 RPM
 - * KL1CV Lift out system, integral check valve with stainless steel upper brackets, 1 inch guide rails, and lift chains
 - * Sch. 80 PVC discharge piping, ball valve with stainless steel extension handles, 36" depth
 - * Junction Box, stainless steel float bracket, and (4) float switches
 - * 4 inch flexible inlet (shipped loose)
 - * Nema 4X alternating control panel with alarm light and buzzer with test/silence, pump run and seal leak lights, hand off auto switches
 - * 36x 132" Fiberglass basin with aluminum access cover
- 1- Item Freight to Jobsite
- 1- Item Field Start-up Supervision

Note:

- 1- Concrete, piping beyond lift station, panel mounting stand, conduit, wiring, unloading and installation all by others.



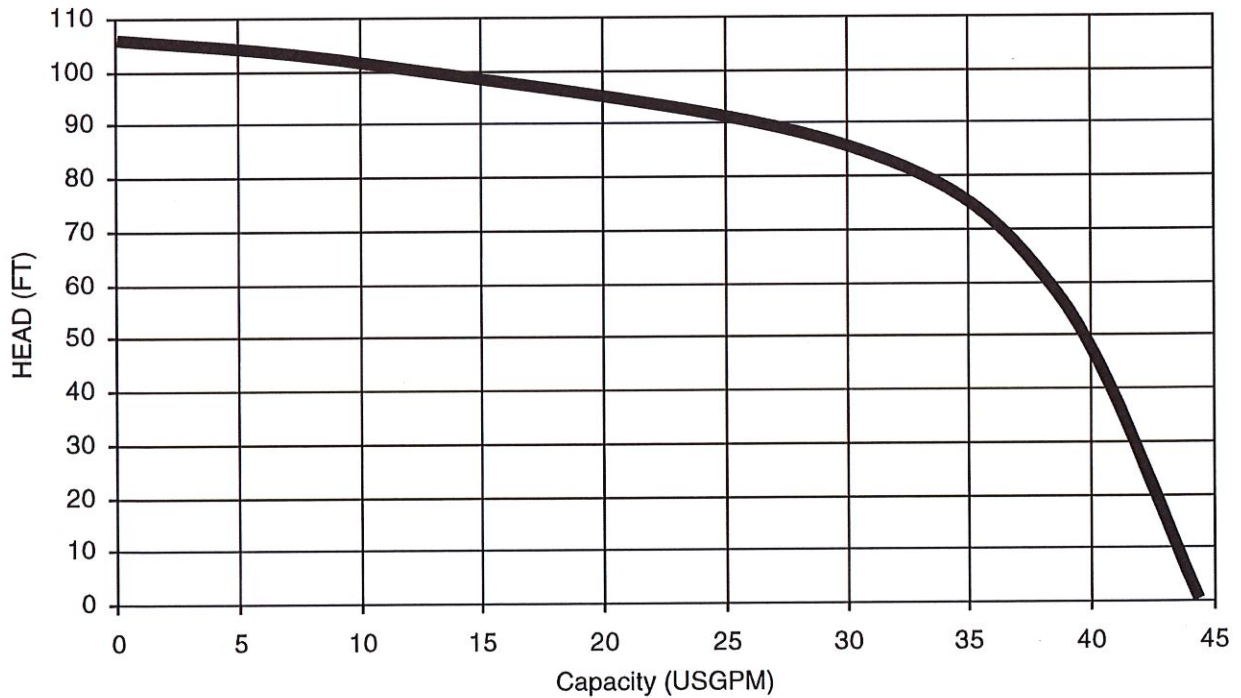
TO CUSTOMER: EXAMINE THIS DRAWING CAREFULLY. VERIFY ALL DIMENSIONS, LOCATIONS, AND ELEVATIONS FOR ACCURACY. SIGN AND DATE AT LINE ANY MODIFICATIONS OR CHANGES TO THIS DRAWING OR FINISHED PRODUCT, AFTER IT HAS BEEN SIGNED, MAY RESULT IN ADDITIONAL CHARGES AND SHIPPING DELAYS. NO JOB WILL BE STARTED UNTIL CONFIRMATION THROUGH SIGNATURE. CONFIRMATION THROUGH SIGNATURE RELEASES ORDER FOR PRODUCTION.



Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

EBG2-21 EBG2-23 (2HP) Synchronous Speed: 3450 RPM 1 1/4 inch Discharge



Specifications

Discharge Size/Connection	1¼" NPT, 2½", 3" ANSI (3, 5, 7½ 10 HP)
Range of HP Range of Performance	2, 3, 5, 7½ 10 HP Capacity 20 to 190 GPM Head 8 to 175 feet
Limitation Maximum Water Temperature	120°F (49°C) [140°F (60°C) intermittent]
Synchronous Speed	3450 RPM
Materials Casing Impeller Shredding Ring Grinder Impeller Shaft Motor Housing Fastener	Cast Iron ASTM A-48, Class 30 Ductile Iron (2HP models) Cast Brass (3-10HP models) Hardened 440C Stainless Steel, 56-60 Rockwell C Hardened 440C Stainless Steel, 56-60 Rockwell C 416 Stainless Steel Cast Iron ASTM A-48, Class 30 304 Stainless Steel
Mechanical Seal Material – Upper Side Material – Lower Side Impeller Type Bearing – Upper/Lower – Sleeve Bearing Motor Single Phase ➤ Three Phase Motor Protection Single Phase ➤ Three Phase	Double Mechanical Seal, Type 21 Silicon Carbide/Silicon Carbide Silicon Carbide/Silicon Carbide Recessed Vortex Single Row, Ball, Oil Lubricated Bronze with Oil Groove (3, 5, 7½ 10 HP) Oil-filled, Insulation Class F 115 V, 208/230V for 2 HP 208/230V only for 3, 5, 7½ HP 208/230V, 460V Internal moisture detection Built-in Automatic Overload Protection Non-overloading on-winding temperature sensor Submersible Cable 30 ft. Submersible Cable 40 ft. (3, 5, 7½ 10 HP) <i>Consult factory for additional cable lengths.</i>
Accessories	QDC System
Note: Models EBG2-115 and EBG2-212C have Internal start component (Control box not required).	

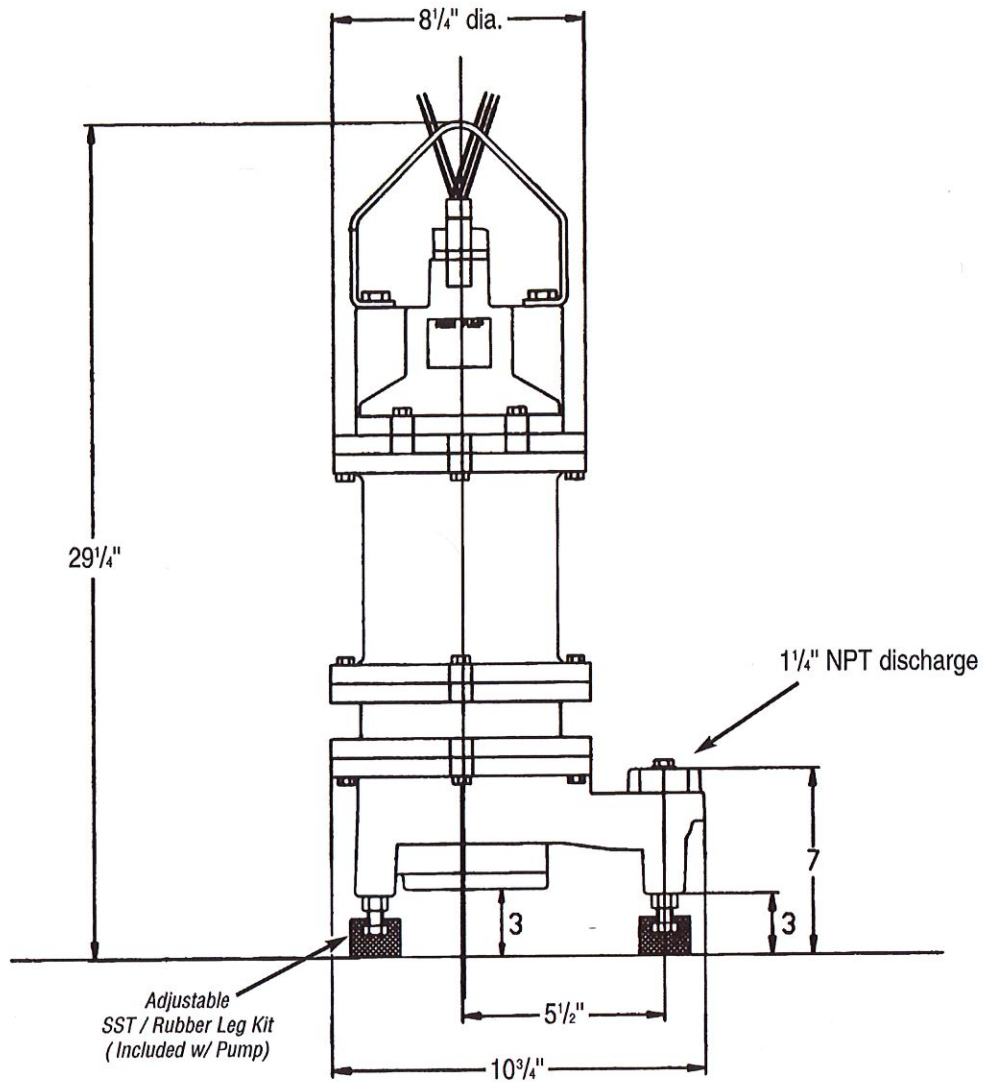
Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model EB(H)G

2 HP

Unit: inch



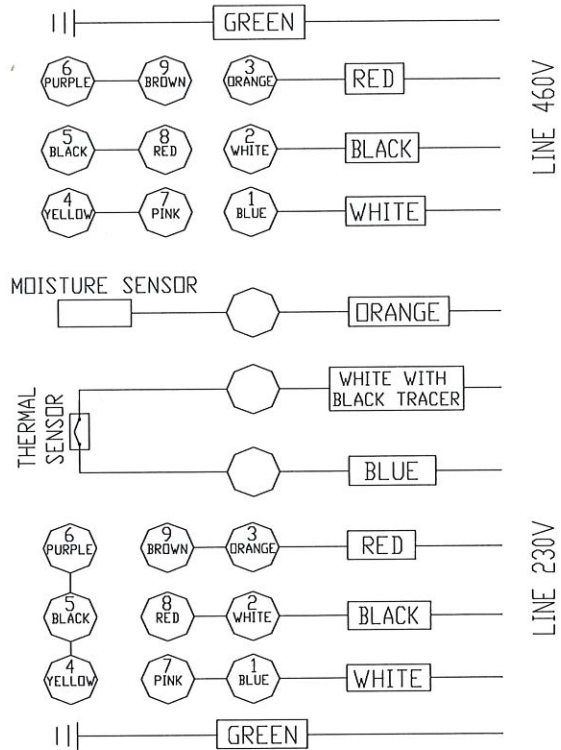
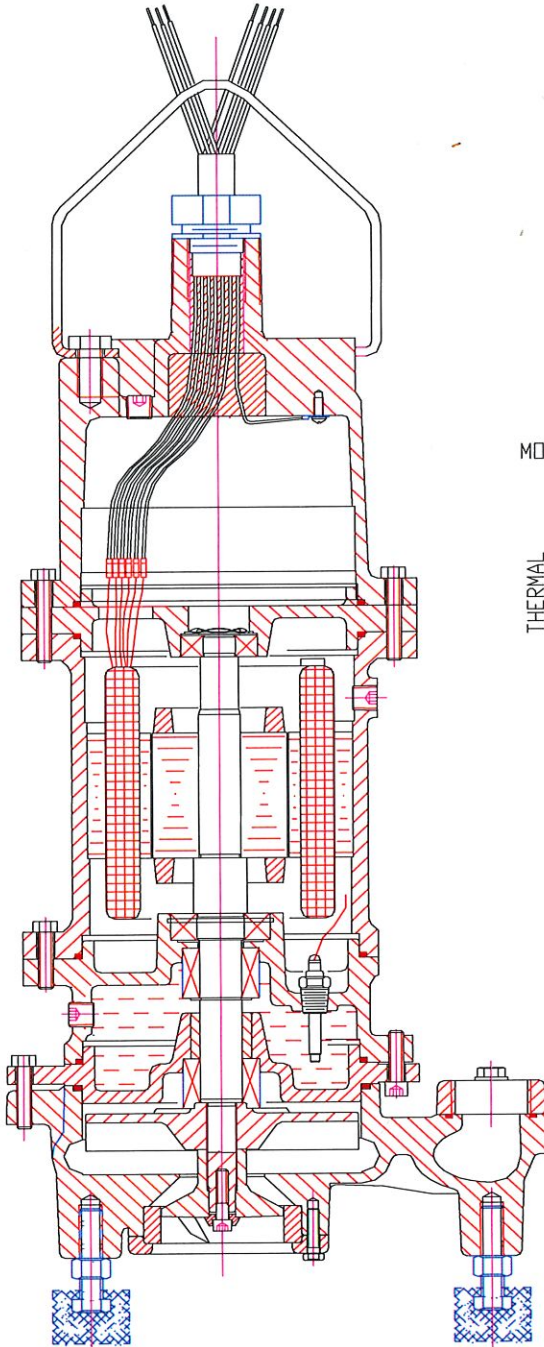
MODEL	WEIGHT - Lb
EBG2-2115(A)	83
EBG2-212C	88
EBHG2-212C	88
EBG2-21	88
EBG2-23	88
EBHG2-21	88
EBHG2-23	88



Motor Wiring Diagram

Project: _____ Model: _____ Chk'd: _____ Date: _____

EB(H)G2-23
2HP, 208/230/460V, Three Phase



230 VOLT		OHM
WHITE	BLACK	3.1
WHITE	RED	3.1
BLACK	RED	3.1
460 VOLT		
WHITE	BLACK	12.4
WHITE	RED	12.4
BLACK	RED	12.4

Electrical Data

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model EBG, EBHG

2, 3, 5, 7.5 10 HP, 60Hz, Three Phase, 208/230/460V

Name- Plate Rating	Item No.	2	3	5	7½	10
	Output (HP)	2	3	5	7½	10
	Phase	3	3	3	3	3
	Poles	2	2	2	2	2
	Volts	208 / 230 / 460	208 / 230 / 460	208 / 230 / 460	208 / 230 / 460	208 / 230 / 460
	Amperes	10 / 9 / 4.5	21 / 18 / 9	29 / 25 / 13	37 / 32 / 16	42 / 40 / 20
	Speed	3450	3450	3450	3450	3450
	Insulation Class	F	F	F	F	F
Resistance at 20°C OHMS	Main Coil	3.1 / 12.4	.6 / 2.0	.6 / 2.0	.6 / 2.0	.6 / 2.0
Start Current A		24 / 22 / 11	105 / 90 / 45	145 / 125 / 65	185 / 160 / 80	148 / 135 / 75
Service Factor		1.92	3.5	2.1	1.25	1.25



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Bid Questions and Answers, Addendum 3

	<u>Question</u>	<u>Answer</u>
1	What is the architect cost estimate?	There is no architect's estimate on this project.
2	What is the estimated start date?	The approximate start for construction is fall 2020. The project start date is based on the Commissioners Court approval to award the project with the general contractors proposed construction schedule.
3	Would you please post the pre-bid meeting attendees list? thank you!	The Webex pre-bid attendee list will be posted in an upcoming addendum.
4	Will Collin County consider a segmented retaining wall in place of the cast in place concrete?	A stacked stone retaining wall will not be allowed. If by 'segmented retaining wall' you mean an interlocking precast panel system with geogrid mats utilized for retention similar to that used adjacent to highway overpasses, that sort of system may be allowed and should be presented as an Alternate to the proposed cast-in-place system shown in the design documents. The alternate 'segmented retaining wall' system must be designed and sealed by the Contractor's own structural engineer and submitted for review/approval prior to construction.
5	Is there a Builder's Risk requirement for this project? If so, is it considered a reimbursable by the Owner, or should the cost be carried in each GC's General Conditions?	Refer to Section 002113, Article 1.56.
6	What are the Evaluation Criteria for this solicitation, and is prior work expereince Collin County required?	Refer to Section 002113, Articles 1.8 and 1.16. Prior experience with Collin County is not required.
7	Are there no allowances?	There are no allowances.
8	Are you taking bids for the Structured Cabling?	Separate bids for structured cabling will not be considered. This IFB is for a general contract to include all materials, labor, equipment and services to be incorporated in construction.
9	After looking through the documents/plans, I don't see anything defining if this is a prevailing wage project or open shop. Can you please advise?	Refer to Section 002113, Article 1.45 Wage Scale.

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Bid Questions and Answers, Addendum 3

	<u>Question</u>	<u>Answer</u>
10	Has the pre-bid meeting attendees list been posted? If not, is there an estimated date it will be posted?	The pre-bid attendee list has been posted in Addendum 1.
11	Will there be landscape drawings issued?	Landscape drawings have been issued in Addendum 1.
12	What is the elevation for wall tile in RR's?	Full height of walls in all Restrooms. Only place ceramic wall tile is less than full height is around drinking fountains in Corridors 110 & 123 which is 6' high as indicated in Note 2 of the Finish Schedule.
13	two different colors of VCT on Finish Legend but there are no patterns or call outs on schedule to use both colors.	One of those two colors will be used, possibly both, in various areas but not a mix of the two in one area requiring a pattern
14	Carpet tile is being used and they are asking for carpet base in those areas. Is that the intent?	Yes, continuous carpet base to match carpet tile with selvaged edge.
15	Are we using 4" cut base from field tile for ceramic areas?	Full size wall tile goes all the way to the floor.
16	Who pays for Commissioning of HVAC? Spec. Section 23 08 00. Owner or contractor?	Collin County will provide a third party test and balance company for the HVAC. Addendum 1 removed the test and balance scope of work from the contractors specifications.
17	There is a spec section 211100 Fire Suppression Sprinklers but it says on the front page of the drawings "Fire Protection: None" and I didn't see anything in the drawings. Are we missing something?	Specification Section 21 11 00 Fire Suppression Sprinklers was removed in Addendum 1.
18	Rooms 107,108,110 and 113 all get VCT, but it does not specify if they get VCT-1 or VCT-2. Which rooms get which VCT?	We have not selected which rooms get which VCT yet but that is only a color difference, each room will get only one color of VCT and we may not even use one of the colors so it should not impact bids either way. We've already stated in answer to another questions there will be no patterns of multiple colors of VCT in the same room.
19	The specs call out to omit tile base where wall tile meets floor tile, what do you want done here instead?	Where there is wall tile (restrooms; full height tile) the wall tile goes all the way to the floor and therefore there is not a special 'base' piece; just floor tile and wall tile. There is ceramic tile base specified because we have ceramic tile in the lobby and all public corridors but there is no wall tile in these locations (except at drinking fountains) so we have ceramic tile base with a painted GWB wall.

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Bid Questions and Answers, Addendum 3

	<u>Question</u>	<u>Answer</u>
20	what are the sizes of CT1 and CT2 ?	As specified in Spec Section 09 30 13, CT-1 is 18 x 18 inches x 3/8 inch thick and CT-2 is 13 x 13 inches x 5/16 inch thick.
21	For a 30 year warranty as called out in the specs, GAF manufacturer requires a coverboard in the assembly. The specs do not call for a coverboard. Please clarify.	It is our understanding from a GAF Territory Manager that a 'coverboard' is NOT required but rather that the membrane substrate be a minimum of 2 layers to qualify for the 30 year warranty. Therefore, the single 3.5" layer of EnergyGuard Polyiso rigid insulation specified shall be revised to two approximately equal layers (1.5" + 2" or 1.75" + 1.75", etc.) for a total of 3.5" (R-20 MIN) of EnergyGuard Polyiso rigid insulation and the first layer shall be mechanically fastened to the deck and the second layer shall be adhered to the first layer with adhesive per manufacturer's instructions, prior to installation of tapered insulation. This should meet the requirements of the specified 30 year warranty without an additional coverboard.
22	Security Cameras – Drawings E2 & LV1 indicate security cameras – Will these be provided by Collin County? If GC is to provide is there a preferred manufacture and specs?	The camera equipment was listed in Addendum One as alternate pricing.
23	Card Readers - Will these be provided by Collin County? If GC is to provide is there a preferred manufacture and specs?	See the door hardware specification for door hardware with combined card readers. There is not an access control specification. The county will provide and install the access control after construction.
24	The Access Control Panel for Fire Alarm has been discontinued. Please advise.	Additional information is requested regarding your question. Provide the specification section and list the equipment that is said to be discontinued.
25	Sheet A3 call for plastic laminate on face of wall below service counter and refers to millwork elevations for additional information. The specs states colors as scheduled. The drawings do not specify a color. Can you please provide the color for the plastic laminate?	All colors throughout the project have yet to be determined and may not be determined prior to receipt of submittals during construction phase. Include pricing for manufacturer's standard range of laminates including solid colors, wood grains, prints, etc. Exclude high-end pricing for laminates with actual 3D wood grain texture and similar finishes.

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Bid Questions and Answers, Addendum 3

	<u>Question</u>	<u>Answer</u>
26	Are you able to provide the glazing schedule for the areas requiring the solar control film?	Specs call for film on all west and south exterior window glazing. Refer to Sheet A2 Floor Plan for quantity of doors and windows and refer to Sheet A3 Door & Window Schedule for size of each door and window
27	I see on the paving plan it calls for concrete over 8" scarified and compacted subgrade and in the notes section it calls for 6 " lime @ 6% and if it does take lime does that refer to sidewalks also? For the building pad I read 5" concrete over 4" sand over 24" of select fill but I did not see anything about over excavate. Was there boring log info provided?	<p>PAVING: No lime is required for the project as we used the thicker concrete option. Per the Legend on Sheet C2-1 Paving Plan: Sidewalks are 4" 3,000 PSI concrete over 8" scarified/compacted subgrade per Soils Report. Parking stalls are 5" 3,600 PSI concrete over 8" scarified/compacted subgrade per Soils Report. Drives are 7" 4,000 PSI concrete over 8" scarified/compacted subgrade per Soils Report. Dumpster pad (and 10' in front) is 8" 4,000 PSI concrete over 8" scarified/compacted subgrade per Lavon engineering review comments.</p> <p>BUILDING PAD: Refer to boxed note to left of Foundation Plan on Sheet S1 - 5" Concrete slab over 15 mil moisture barrier over 4" cushion sand OVER 10'-0" DEEP EXCAVATED, MOISTURE CONDITIONED EXCAVATED SOILS, reinstall improved soils, place 24" select fill cap as required.....AS PER SECTION 5.2.1 OF THE SOILS REPORT.... Also refer to Spec Section 00 31 32 Geotechnical Data which includes the entire 32 page Soils Report with log of borings.</p>
28	The Collin County logo shown on sht. A9-01 note X Please provide Size, Thickness, mounting and finish required	Refer to Spec Section 05 70 00 Decorative Metal, paragraph 2.04 and 2.05 - Steel Logo shall be 3/8" thick steel plate, 8'-0" diameter, with concealed mounting studs for mounting over the simulated (or similar method of attachment as recommended by the fabricator) and finish shall be galvanized for final painting in the field.
29	Plans show NO piers, but there are unit prices for them. Please clarify that there are NO drilled piers on the project.	There are no drilled concrete piers for the building foundation but there are 24" diameter drilled concrete pier footings for site lighting poles as located on Sheet MEP1 and detailed on Sheet S1.

IFB 2020-272

Bid Questions and Answers, Addendum 3

	<u>Question</u>	<u>Answer</u>
30	The spec seems closed for FA Control Panel. Are any other manufacturers acceptable?	Substitutions for Edwards Systems Technology will not be considered per Collin County Construction and Facilities Standards Court Order 2018-119-02-12
31	Prevailing Wages are specified. Will certified payroll be required; not addressed?	Certified payroll will not be required.
32	Please clarify drug screening requirements. We have no issues but need to include testing money if required	Please refer to Section 002113, 1.27.
33	Signage (Project Manual 10 14 00) Calls for a dedication plaque – This doesn't appear in the drawings for location or text required. Please confirm.	Refer to Architect's Addendum No. Two, Item 3
34	It is unclear what type of granite or quartz will be used for this project. Please advise.	Refer to Architect's Addendum No. Two, Item 2
35	Please provide a specification for the gas powered generator of preferred Mfg.	See the natural gas generator schedule on sheet E6. The basis of design for the generator is Cummins.
36	Please provide a specification for the Lift Station required for the sanitary sewer	Refer to Architect's Addendum No Three, Item 1 and Lift Station Design Concept attachment.
37	Please provide a specification for the lift station.	Refer to Architect's Addendum No Three, Item 1 and Lift Station Design Concept attachment.
38	On sheet C5-1 there is a Lift Station listed to be installed but there is not a detail shown on the plans for this item. Please advise.	Refer to Architect's Addendum No Three, Item 1 and Lift Station Design Concept attachment.

New Office Building for
Precinct 2 Justice of the Peace & Constable
121 Private Road 5681
Texas 78 at Texas 205
Lavon, Texas 75166

Spurgin & Associates Architects
103 W. Louisiana Street
McKinney, Texas 75069
Tel 972-562-5368
Email kent@spurginarchitects.com

Architect's Addendum Number Three

Item 1: Clarification: Refer to attached Lift Station Design Concept for design drawings, equipment lists, etc. regarding Lift Station shown on Civil Drawings SP, C2-1, C5-1 and C5-2.

Item 2: Revision: Refer to attached MEP Drawings M1, M3, M4 and E2 for revisions to HVAC Controls.

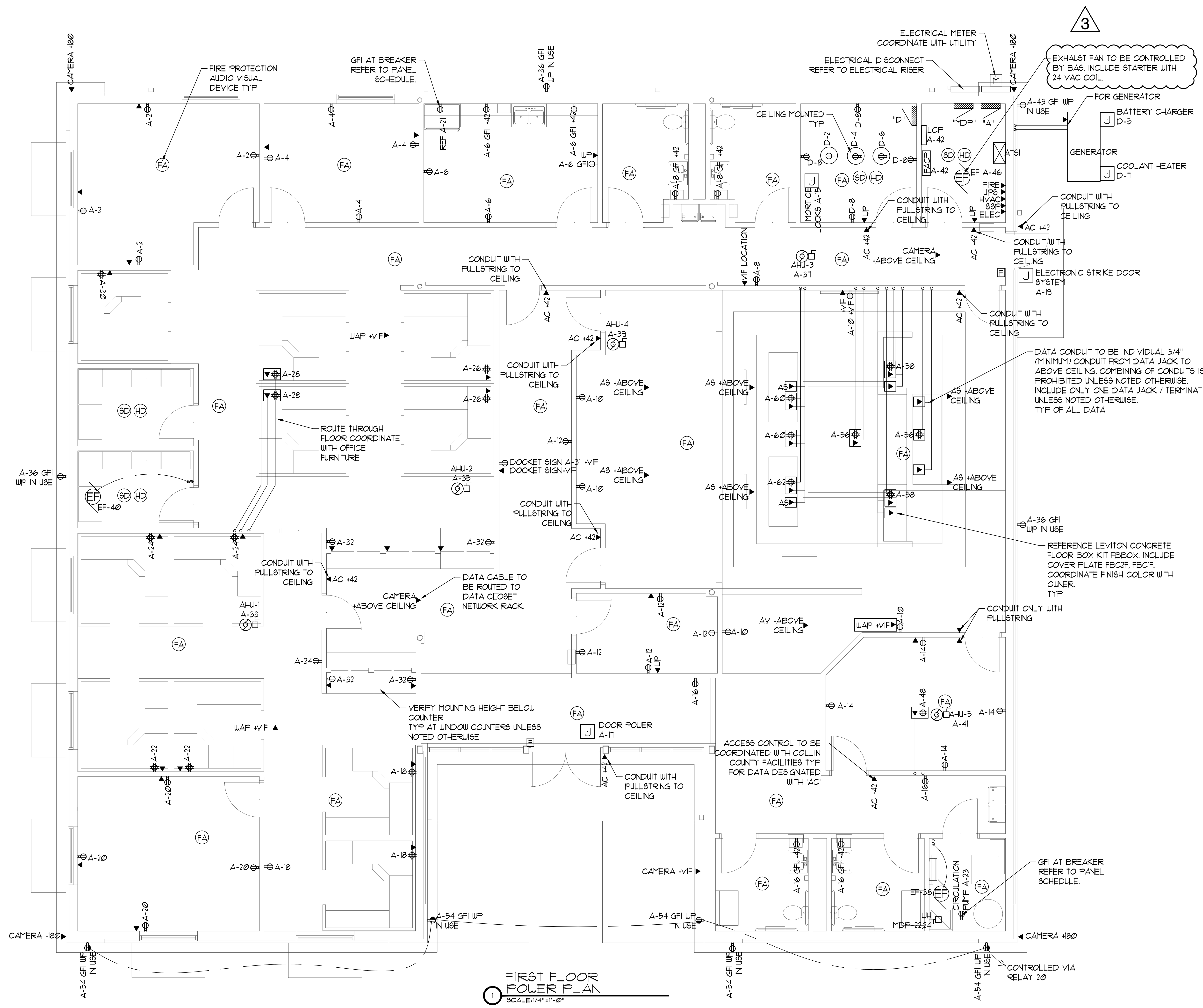
Item 3: Clarification: All network cabling and equipment as listed on Sheet LV3 shall be included in this Project.

Item 4: Clarification: CAT 6e data cabling shall be as manufactured by Belden or Southwest Wire for basis of design.

Item 5: Revision: Refer to spec section 08 81 00 Glass Glazing, Paragraph 2.01 D. Insulating glass: Remove subparagraphs 1 and 2 and all of their subparagraphs and insert the following:

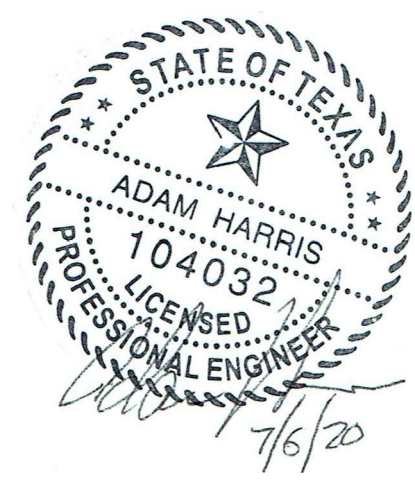
1. Provide 1 IN double glazed tinted solar control insulating glass units where shown on the Drawings and with the following attributes:
 - a. Conformance: ASTM E2190.
 - b. Outdoor lite: Solargray tinted float glass.
 - 1) Conformance: ASTM C1036, Type 1, Class 2, Quality q3.
 - 2) Glass thickness: 1/4 IN.
 - 3) Magnetic Sputter Vacuum Deposition Coating (MSVD): ASTM C1376.
 - 4) Coating: Solarban 60 on Surface #2.
 - 5) Heat-treatment: All glass shall be heat-strengthened, ASTM C1048, Kind HS except where tempered glass, ASTM C1048, Kind FT, Safety Glazing is shown on the Drawings or mandated for safety or other purposes by code.
 - c. Interspace content: Air 1/2 IN.
 - d. Indoor lite: Clear float glass.
 - 1) Conformance: ASTM C1036, Type 1, Class 1, Quality q3.
 - 2) Heat-treatment: All glass shall be heat-strengthened, ASTM C1048, Kind HS except where tempered glass, ASTM C1048, Kind FT, Safety Glazing is shown on the Drawings or mandated for safety or other purposes by code.
 - 3) Glass thickness: 1/4 IN.
 - e. Performance requirements:
 - 1) Visible Light Transmittance: 35 percent MIN.
 - 2) Winter Nighttime U-Factor: 0.29 (BTU/HR*FT²*°F) MAX.
 - 3) Summer Daytime U-Factor: 0.27 (BTU/HR*FT²*°F) MAX.
 - 4) Shading Coefficient: 0.29 MAX.
 - 5) Solar Heat Gain Coefficient (SHGC): 0.25 MAX.
 - 6) Outdoor Visible Light Reflectance: 6 percent MAX.
2. Acceptable products:
 - a. "Solarban 60 on Solargray (2) / Air 1/2" / Clear" as manufactured Vitro Architectural Glass (formerly PPG), Cheswick, PA 15024, Tel. 855-6457, Web www.vitroglazings.com, contact Lisa Li, Tel. 940-733-9080, Email lli@vitro.com, and local fabricators Columbia Commercial Building Products, Rockwall, TX; Oldcastle Building Envelope, Grand Prairie, TX; TriStar Glass, Grand Prairie, TX.
 - b. Equal products of other manufacturers including but not limited to AFG, Guardian, and Pilkington.'

End of Addendum Number Three



**FIRST FLOOR
POWER PLAN**
SCALE: 1/4" = 1'-0"

RES Root Engineering Services
Mechanical, Electrical & Plumbing Systems Consultant
4215 GROVE AVE. GURNEE, IL 60031
PHONE 847-259-0396 FAX 847-775-1503
1800 767-7777
PHONE 714-949-1503 FAX 714-949-1503
TEXAS PROFESSIONAL ENGINEERING DESIGN FIRM #12016



ARCHITECT
SPURGIN & ASSOCIATES
103 W. LOUISIANA ST
MCKINNEY, TEXAS 75069
972-562-5368

PROJECT
COLLIN COUNTY LAKE LAVON BUILDING
TEXAS 78 AT SH 205
LAVON, TEXAS 75166

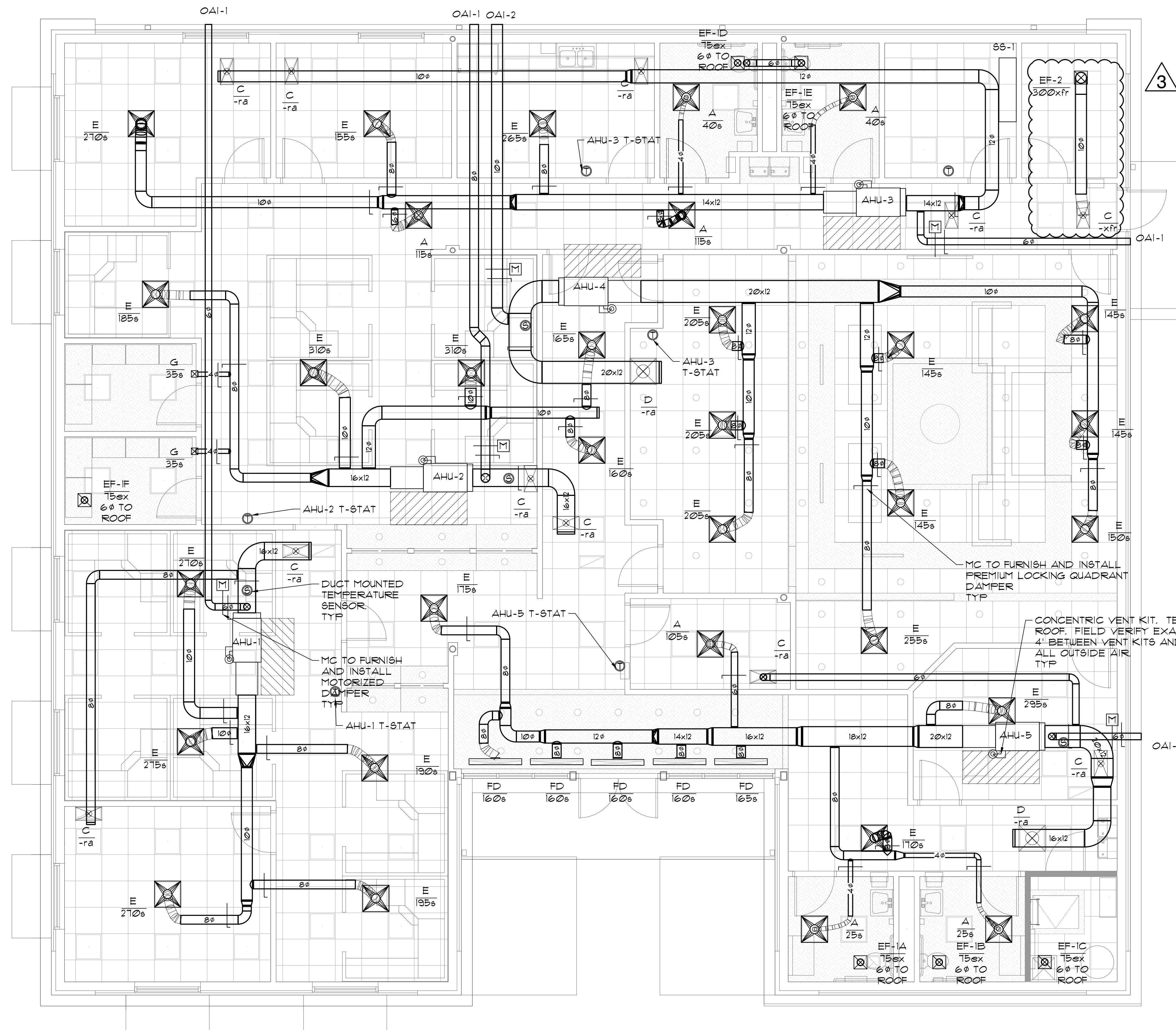
Rev. No.	Description	Date
1	FOR PERMIT	04/17/2020
3	ADDENDUM 3 - CONTROLS	07/13/2020

The Professional and I have prepared this sheet and the documents herein only on the basis of the information furnished to us by the client. We do not assume any responsibility for the accuracy or completeness of the information furnished to us, nor do we assume any responsibility for the design of the project or the construction thereof. The Professional and I are not responsible for any errors or omissions in this drawing or for any consequences that may arise from its use. The Professional and I are not responsible for any delays or interruptions in the progress of the project caused by the client or any third party. The Professional and I are not responsible for any changes or modifications to this drawing or for any additional work that may be required during the course of the project. The Professional and I are not responsible for any claims or lawsuits that may be filed against us or our firm. The Professional and I are not responsible for any damages or losses that may be suffered by the client or any third party. The Professional and I are not responsible for any other matters that may be related to this drawing or the project.

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Drawing Title
FIRST FLOOR ELECTRICAL POWER PLANS

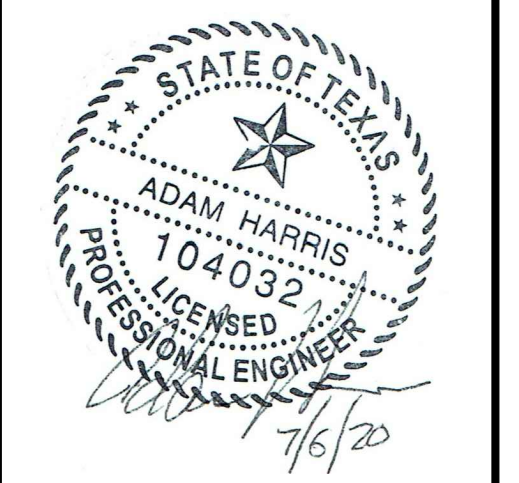
Scale	
Dwg By	ET/CB
Check By	AH
Comp. No.	TX16133

Drawing No.
E2



DRAWING LEGEND	
DETAIL	DESCRIPTION
	SUPPLY DIFFUSER WITH RIGID ROUND ELBOW CONNECTION AND INSULATED FLEXIBLE DUCT RUNOUT
	RETURN GRILLE WITH RIGID ROUND ELBOW CONNECTION AND INSULATED FLEXIBLE DUCT RUNOUT
	FAN (EXHAUST, TRANSFER, ETC.) REFER TO SCHEDULE
	THERMOSTAT (FOR FURNACE, RTU ETC.)
	SPACE TEMPERATURE SENSOR (DUCT MOUNTED UNLESS NOTED OTHERWISE)
	SMOKE DUCT DETECTOR
	HUMIDITY SENSOR (DUCT MOUNTED UNLESS NOTED OTHERWISE)
	CO2 SENSOR (DUCT MOUNTED UNLESS NOTED OTHERWISE)
	MOTORIZED DAMPER
	RECTANGULAR OR ROUND SUPPLY OR RETURN DUCT (AS NOTED)
	ROUND INSULATED FLEXIBLE DUCT
	LOCKING MANUAL BALANCE DAMPER
	RECTANGULAR TAKE-OFF FROM RECTANGULAR DUCT WITH LOCKING VOLUME DAMPER
	ROUND TAKE-OFF FROM RECTANGULAR DUCT WITH LOCKING VOLUME DAMPER
	TURNING VANES (DOUBLE WALLED)
	DIFFUSER DESIGNATION S: SUPPLY AIR R: RETURN AIR EX: EXHAUST AIR O: OUTSIDE AIR

RES Root Engineering Services
 Mechanical, Electrical & Plumbing Systems Consultant
 4215 GROVE AVE. GUNNER, IL 60031
 PHONE 847-249-8398 FAX 847-776-1503
 45 PM 3356 VAN ALSTYNE, TX 75495
 PHONE 903-375-9303 FAX 847-776-1503
 TEXAS PROFESSIONAL ENGINEERING DESIGN FIRM #12016



ARCHITECT
SPURGIN & ASSOCIATES
 103 W. LOUISIANA ST
 MCKINNEY, TEXAS 75069
 972-562-5368

PROJECT
COLLIN COUNTY LAKE LAVON BUILDING
 TEXAS 78 AT SH 205
 LAVON, TEXAS 75166

DRAWING ISSUE / REVISION		
Rev. No.	Description	Date
3	FOR PERMIT ADDENDUM 3 - CONTROLS	04/17/2020 07/13/2020

The Professional seal affixed to this sheet indicates that the named professional has prepared or directed the preparation of the material shown only on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.
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Drawing Title MECHANICAL PLANS			
Drawing No. M1			
Scale	ETCB	Check By	AH
Drawn By	ETCB	Computer Job No.	TX18133

HVAC PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

EQUIPMENT SCHEDULE

AHU-1, 2: 3 TON RESIDENTIAL MULTIPOISE TWO STAGE GAS FURNACE AND TWO STAGE CONDENSING UNIT. CARRIER TWO STAGE FURNACE MODEL 59TP6A060E17-14 AND COIL MODEL CAPMP3611ALA. CONVERT UNIT TO MOUNTING CONFIGURATION SHOWN ON PLANS. INCLUDE SECONDARY DRAIN FAN (IF HORIZONTAL), HORIZONTAL GASKET KIT (IF HORIZONTAL), HORIZONTAL WATER MANAGEMENT KIT (IF HORIZONTAL), CONDENSATE NEUTRALIZATION KIT, CONCENTRIC VENT KIT, CASED COIL CAPMP, 4" FILTER CABINET M/N FILCABCC0024. 1/2 HP, 96% EFFICIENCY. 103FLA/15 MOCP 120/1160

18-1 MCA/30 MOCP 208/1160. CONTROLS FOR UNIT TO BE SUPPLIED BY CONTROL VENDOR. REFER TO SHEET M4.



AHU-3: 2.5 TON RESIDENTIAL MULTIPOISE TWO STAGE GAS FURNACE AND ONE STAGE CONDENSING UNIT. CARRIER TWO STAGE FURNACE MODEL 59TP5A040E14--10 CONVERT UNIT TO MOUNTING CONFIGURATION SHOWN ON PLANS. INCLUDE SECONDARY DRAIN FAN (IF HORIZONTAL), HORIZONTAL GASKET KIT (IF HORIZONTAL), HORIZONTAL WATER MANAGEMENT KIT (IF HORIZONTAL), CONDENSATE NEUTRALIZATION KIT, CONCENTRIC VENT KIT, CASED COIL CAPMP, 4" FILTER CABINET M/N FILCABCC0024. 1/2 HP, 91.5% EFFICIENCY. 103FLA/15 MOCP 120/1160

16-1 MCA/25 MOCP 208/1160. CONTROLS FOR UNIT TO BE SUPPLIED BY CONTROL VENDOR. REFER TO SHEET M4.



AHU-4, 5: 4 TON RESIDENTIAL MULTIPOISE TWO STAGE GAS FURNACE AND ONE STAGE CONDENSING UNIT. CARRIER TWO STAGE FURNACE MODEL 59TP5A080E17--10 CONVERT UNIT TO MOUNTING CONFIGURATION SHOWN ON PLANS. INCLUDE SECONDARY DRAIN FAN (IF HORIZONTAL), HORIZONTAL GASKET KIT (IF HORIZONTAL), HORIZONTAL WATER MANAGEMENT KIT (IF HORIZONTAL), CONDENSATE NEUTRALIZATION KIT, CONCENTRIC VENT KIT, CASED COIL CAPMP, 4" FILTER CABINET M/N FILCABCC0024. 3/4 HP FAN, 91.5% EFFICIENCY. 124FLA/15 MOCP 120/1160

26-1 MCA/40 MOCP 208/1160. CONTROLS FOR UNIT TO BE SUPPLIED BY CONTROL VENDOR. REFER TO SHEET M4.



96-1: ONE TON HIGH-WALL DUCTLESS SPLIT WITH CONDENSATE PUMP, WIRED TSTAT, LOW AMBIENT KIT, WINTER START CONTROL, LIQUID LINE SOLENOID, CRANKCASE HEATER, AND WIND BAFFLE. CARRIER MN 38MAQB12R--1, 40MAQB12B--1 22 SEER CU 15A/20 MOCP 120/1160

OAI-1: WIND DRIVEN RAIN HORIZONTAL BLADE LOUVER. LOUVER TO BE CONSTRUCTED OF 6063-T5 ALUMINUM 0.081 WALL THICKNESS, 1250 FPM INTAKE VELOCITY AT 0.15 IN.W.G. INCLUDE BIRD SCREEN, STANDARD FLUOROPOLYMER FINISH (COLOR TO BE COORDINATED WITH ARCHITECT), EHH-601 12"WX12"H SIZE. A 24V POWER OPEN SPRING CLOSE BELIMO DAMPER SHALL BE INSTALLED ON EACH OA DUCT NEAR THE AHU. THE MC SHALL COORDINATE WITH EC 24V POWER. USE OCCUPIED OUTPUT OF TSTAT TO OPEN DAMPER DURING OCCUPIED TIMES. 15% KYNAR FINISH, COLOR SELECTED BY OTHERS.

OAI-2: WIND DRIVEN RAIN HORIZONTAL BLADE LOUVER. LOUVER TO BE CONSTRUCTED OF 6063-T5 ALUMINUM 0.081 WALL THICKNESS, 1250 FPM INTAKE VELOCITY AT 0.15 IN.W.G. INCLUDE BIRD SCREEN, STANDARD FLUOROPOLYMER FINISH (COLOR TO BE COORDINATED WITH ARCHITECT), EHH-601 18"WX12"H SIZE. A 24V POWER OPEN SPRING CLOSE BELIMO DAMPER SHALL BE INSTALLED ON EACH OA DUCT NEAR THE AHU. THE MC SHALL COORDINATE WITH EC 24V POWER. USE OCCUPIED OUTPUT OF TSTAT TO OPEN DAMPER DURING OCCUPIED TIMES. 15% KYNAR FINISH, COLOR SELECTED BY OTHERS.

CONTROL NOTES

CONTRACTOR SHALL PROVIDE NEW COMMERCIAL TSTAT (1DAY PROGRAM MIN.) FOR EACH UNIT. TSTAT SHALL ENABLE CONTINUOUS FAN OPERATION DURING ALL OCCUPIED HOURS. DURING UNOCCUPIED HOURS FAN SHALL CYCLE WITH CALL FOR HEAT/COOL.

VENTILATION SCHEDULE PER IMC 2015

Table with columns: ROOM NUMBER, ROOM NAME, AREA (SF), OCCUPANCY CLASSIFICATION, APPLICABLE VENTILATION CODE, OCCUPANT COUNT, WATER CLOSET COUNT, BREATHING ZONE OA, ZONE AIR EFFECTIVENESS, ZONE OUTDOOR AIRFLOW, REQUIRED EXH, ROOM SUPPLY, ROOM EXHAUST, ACTUAL OA, SYSTEM, % OUTSIDE AIR. Includes summary rows for UNIT and OA %.

GENERAL MECHANICAL NOTES

- 1. THE MECHANICAL SUBCONTRACTOR SHALL PROVIDE A COMPLETE AND USABLE SYSTEM WITHIN THE INTENT AND SPIRIT OF THAT INDICATED BY THIS DRAWING. WORK OR MATERIALS NOT SHOWN BY THIS DRAWING, BUT NECESSARY TO COMPLETE THE SYSTEM SHALL BE INCLUDED AT NO ADDITIONAL COST...
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, MAKE ADJUSTMENTS TO AVOID CONFLICT. NOTIFY THE ENGINEER IN WRITING OF SIGNIFICANT CONSTRUCTABILITY ISSUES.
3. PROVIDE VOLUME DAMPERS WHERE INDICATED.
4. ALL RECTANGULAR AND ROUND DUCTWORK SHALL BE GALVANIZED SHEET METAL, FABRICATED AND SUPPORTED TO MECHANICAL STANDARDS...
5. FLEXIBLE DUCT SHALL BE FLEXMASTER TYPE V OR EQUAL FIBERGLASS INSULATED TYPE...
6. SEAL ALL DUCTWORK SEAMS WITH FIBERGLASS TAPE IMBEDDED IN ARABOL SEALER OR ALUMINUM TAPE...
7. CONTRACTOR SHALL ADJUST CURB PLACEMENT AND TRANSITION DUCTWORK AS REQUIRED TO CLEAR STRUCTURAL AND OTHER OBSTACLES...
8. ALL WORK SHALL COMPLY WITH APPLICABLE CODES, REGULATIONS, LAWS AND THE DETERMINATIONS OF THE LOCAL BUILDING OFFICIAL AT NO EXTRA COST...
9. ALL MATERIALS WILL BE NEW AND IN NEW CONDITION SCRATCH AND DENTED, SECONDHAND, SURPLUS, ETC ARE NOT ACCEPTABLE.
10. ELECTRICAL CONNECTIONS 120V OR HIGHER SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL SUBCONTRACTOR...
11. THE MECH SUBCONTRACTOR SHALL START UP EACH UNIT, TEST FOR HEAT AND COOL OPERATION, INSURE ALL DUCTWORK IS FREE OF RATTLES, LEAKS, WHISTLES, ETC...
12. WHEN SYSTEMS ARE COMPLETE AND OPERATIONAL, A 'PUNCH LIST' INSPECTION SHALL BE REQUESTED BY THE CONTRACTOR...
13. ALL DUCTWORK (SUPPLY AND RETURN) IN UNCONDITIONED SPACES SHALL BE INSULATED WITH A MINIMUM VALUE OF R-8 INSULATION...
14. DUCTS SHALL BE SUPPORTED WITH APPROVED HANGERS AT INTERVALS NOT EXCEEDING 10 FEET OR BY OTHER APPROVED DUCT SUPPORT SYSTEMS...
15. SMOKE DETECTORS SHALL BE INSTALLED IN RETURN AIR SYSTEMS WITH A DESIGN CAPACITY GREATER THAN 2000 CFM...
16. UPON SELECTION OF MECHANICAL APPLIANCES SUBMIT MANUFACTURING INSTALLATION INSTRUCTION TO BUILDING DEPARTMENT...
17. EQUIPMENT SHALL BE INSTALLED AS REQUIRED BY THE TERMS OF THEIR APPROVAL...
18. ALL COVERING, LININGS, ADHESIVES, WHEN USED SHALL HAVE A FLAME SPREAD RATING NOT MORE THAN 25 AND SMOKE DEVELOPED RATING NOT MORE THAN 50...

AIR DEVICE SCHEDULE

Table with columns: MARK, TYPE, NECK SIZE, FACE SIZE, THROW PATTERN, MOUNTING, TITUS OR AS INDICATED. Includes rows for A-D (Directional Ceiling Diffuser), FD (Linear Slot Insulated Boot Plenum), and G (Sidewall Return Grille).

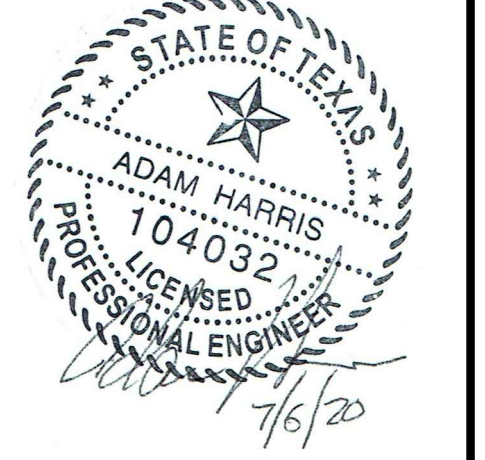
- NOTES:
1. MECHANICAL CONTRACTOR TO PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED. PROVIDE LAY-IN FRAME WHERE REQUIRED.
2. ALL DEVICES SHALL BE METAL-AIRE, TITUS, T 4 B, OR APPROVED EQUAL (UNLESS NOTED OTHERWISE) COMPLETE WITH V.D.
3. ALL FRAMING REQUIRED FOR DIFFUSER INSTALLATION SHALL BE BY THE GENERAL CONTRACTOR
4. SEE MECHANICAL PLAN FOR DIFFUSER LOCATIONS

EXHAUST FAN SCHEDULE

Table with columns: MARK, EF-1A,B,C,D,E,F, EF-2, BRAND, GREENHECK, GREENHECK, MODEL NO., SF-A110, SF-A390, CFM, 75, 300, SF, 25, 625, WATTS (HP), 48.7, 135, MAX SONES, 11, 5.5, VOLTAGE 1PH, 120, 120, NOTES, 1-7, 1-6. Includes a triangle symbol with number 3.

- NOTES:
1. INCLUDE BACKDRAFT DAMPER
2. INCLUDE DISCONNECT ACCESSORY
3. FIELD VERIFY 10" CLEARANCE TO ANY OAI, IF EXHAUST
4. PROVIDE ALUMINUM GRILLE
5. PROVIDE 120V FAN SPEED CONTROLLER PREWIRED IF DIRECT SPEED FAN. PROVIDE BELT TENSIONER ROTARY IF BELT DRIVE.
6. MOUNT WITH VIBRATION ISOLATORS
7. MC TO FURNISH AND INSTALL WITH 14" ROOF CURB AND CAP, IF EXHAUST. COORDINATE WITH GC

RES Root Engineering Services Mechanical, Electrical & Plumbing Systems Consultant. 4215 GROVE AVE. GURNEE, IL 60031. PHONE: 847-249-6398. FAX: 847-775-1603.



ARCHITECT SPURGIN & ASSOCIATES 103 W. LOUISIANA ST. MCKINNEY, TEXAS 75069 972-562-5368

PROJECT COLLIN COUNTY LAKE LAVON BUILDING TEXAS 78 AT SH 205 LAVON, TEXAS 75166

Table with columns: Rev. No., Description, Date. Row 3: FOR PERMIT ADDENDUM 3 - CONTROLS, 07/13/2020.

The Professional seal and stamp on this sheet indicates that the named professional has prepared or directed the preparation of the material shown on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned. Copyright © 2019 Root Engineering.

M3 MECHANICAL SCHEDULES NOTES AND DETAILS. Scale: ETCB. Check By: AH. TX/ET/33.

CONTROL NOTES:

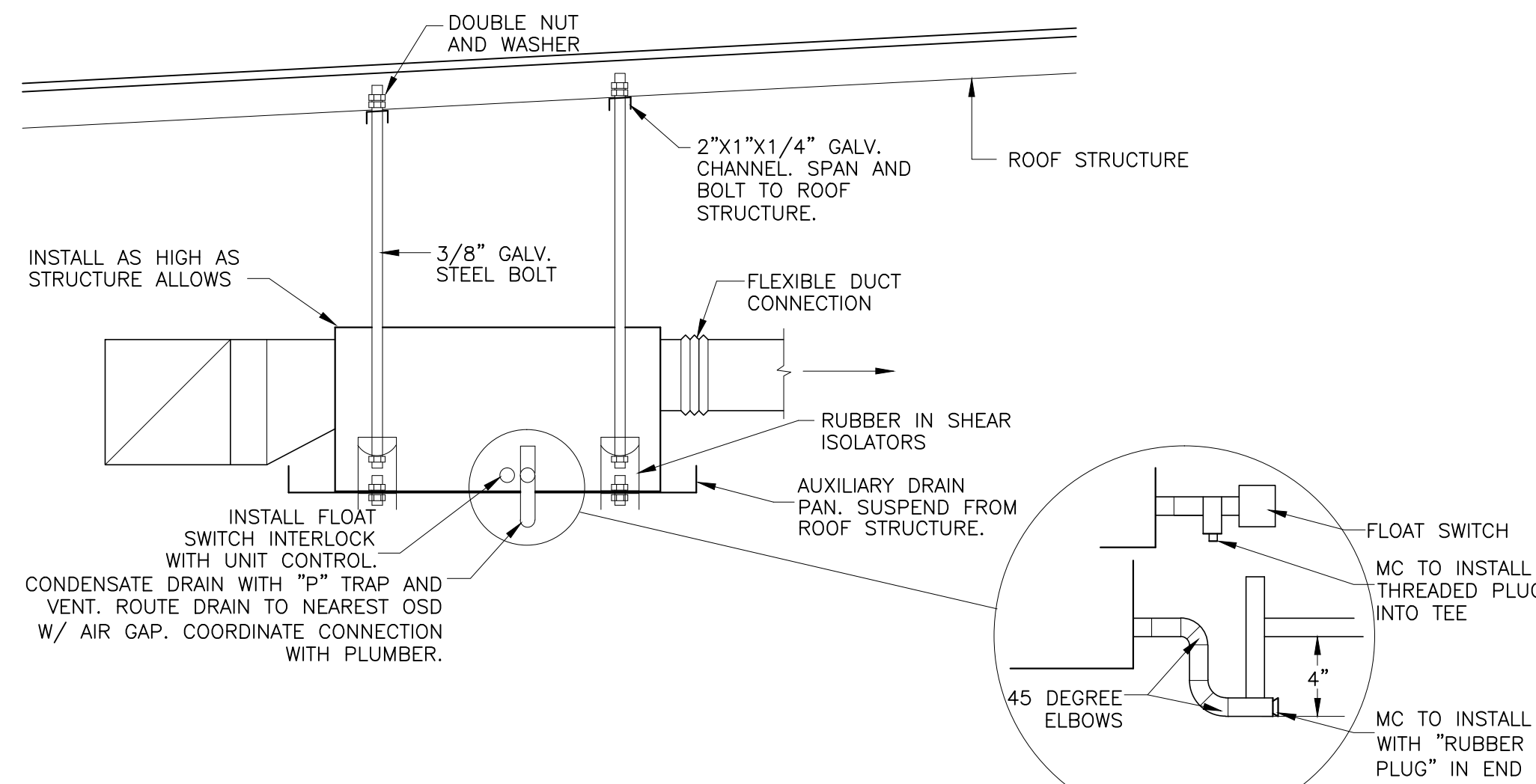
THE MECHANICAL CONTRACTOR SHALL DETAIL, FURNISH AND INSTALL COMPLETE AND READY TO USE CONTROLS FOR THE SCHEDULED EQUIPMENT. MC TO FURNISH AND INSTALL NEW THERMOSTATS/SENSORS, CONTROLLERS, FRONT END, ETC FOR SYSTEMS. SYSTEM SHALL HAVE A WEB BASED CONTROLLER WITH FLOOR PLAN, AHU GRAPHICS LOADED. CONTROLLER SHALL BE HONEYWELL WEB 8000 CONTROLLER TO HAVE ALL LAN DRIVERS, SMS DRIVER, AND ALL OTHER REQUIRED DRIVERS/HARDWARE. CONTRACTOR SHALL FURNISH, INSTALL AND TURN OVER FX TOOLS PRO SOFTWARE OR EQUAL. CONTRACTOR SHALL INCLUDE 4-4 HOUR TRAINING SESSIONS OVER THE INITIAL TWO YEARS. EACH SESSION TO BE APPROXIMATELY AT SEASONAL CHANGE. CONTRACTOR SHALL RECORD OWNER TRAINING WITH SCREEN CAPTURE AND AUDIO SOFTWARE. OWNER TRAINING DOES NOT INCLUDE A MINIMUM OF 5 ADDITIONAL SITE VISITS (4 HOURS EACH FOR SYSTEM TWEAKING) FOR UP TO 24 MONTHS AFTER TRAINING. AFOREMENTIONED SITE VISITS SHALL NOT COUNT TOWARDS OR BE USED AS CREDIT FOR ANY WARRANTY RELATED WORK. (SITE VISITS PRIOR TO TRAINING SHALL NOT COUNT TOWARD THE 5 TWEAKING VISITS) SITE VISIT SHALL NOT COUNT TOWARDS TOTAL IF TO CORRECT ORIGINAL ERROR IN PROGRAMMING (WARRANTY WORK). PLEASE NOTE CREDIT MAY BE REQUESTED FOR ANY UNUSED SITE VISITS AND/OR TRAINING. COORDINATE ALL INSTALLATIONS WITH BUILDING OWNER.

BASE BID: HONEYWELL CONTROLS. CONTRACTOR SHALL BE AUTHORIZED CONTROLS INTEGRATOR.

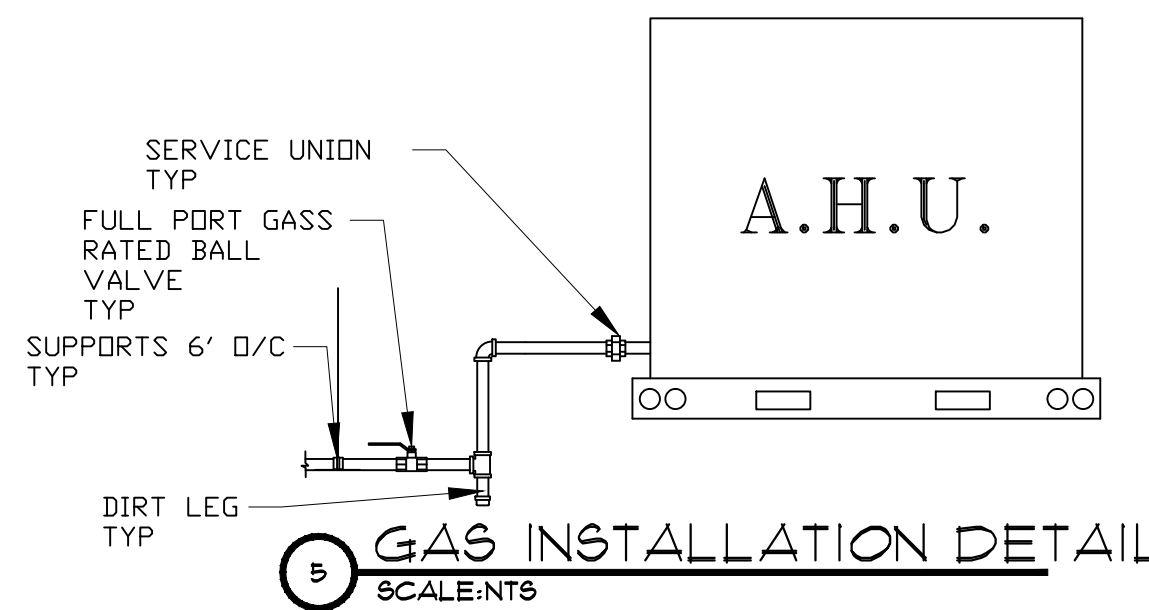
MC SHALL INCLUDE PRICING TO INTEGRATE THE SUPERVISORY CONTROLLER TO THE CENTRAL PLANT. INTEGRATION OF SUPERVISORY CONTROLLER TO BE BY MC.

ALL CONTROLS SHALL BE HONEYWELL. NO SUBSTITUTIONS ALLOWED PER COLLIN COUNTY COURT ORDER #2010-993-23-06.

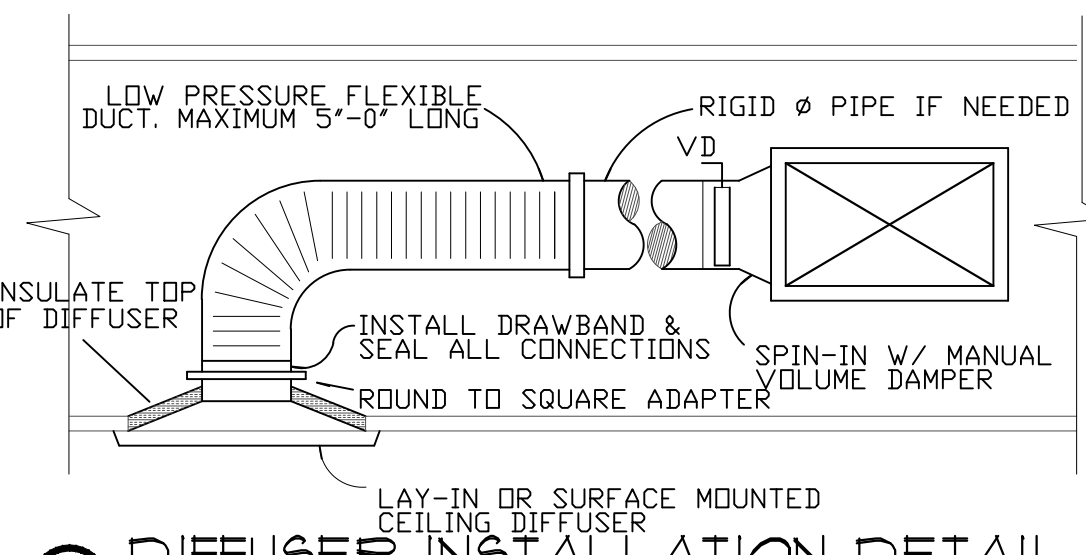
3



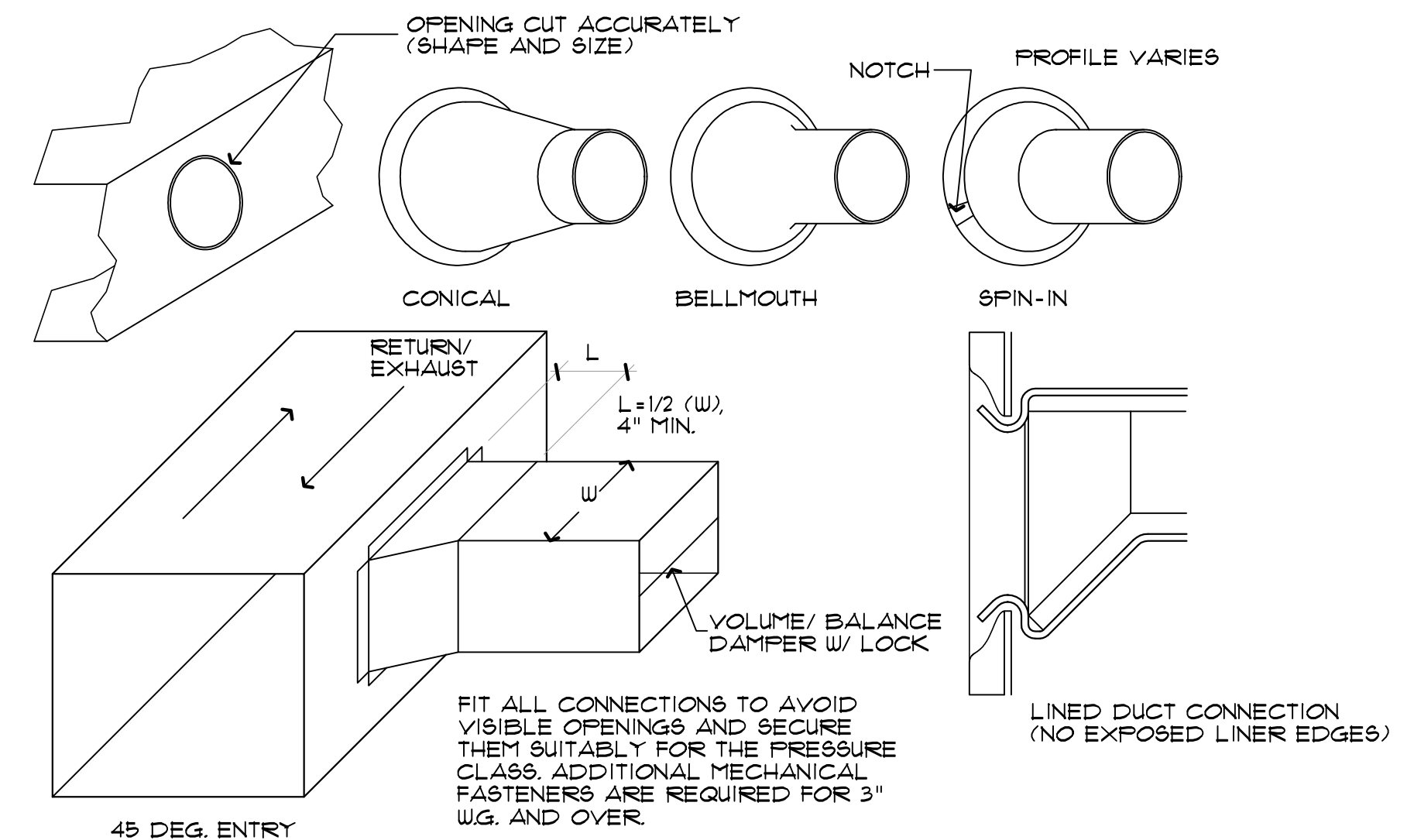
6 INSIDE UNIT CEILING INSTALLATION DETAIL
SCALE: rts



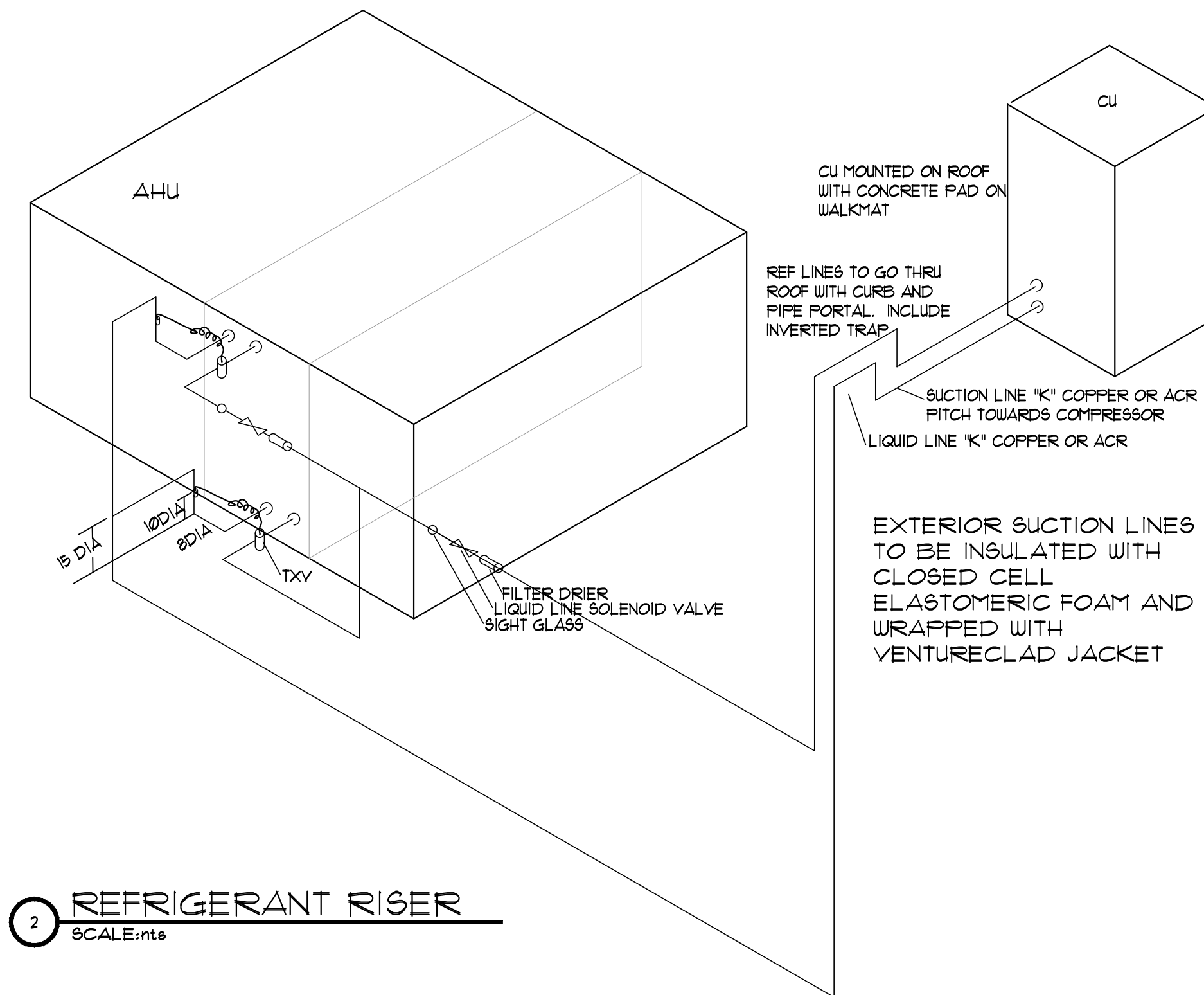
5 GAS INSTALLATION DETAIL
SCALE: rts



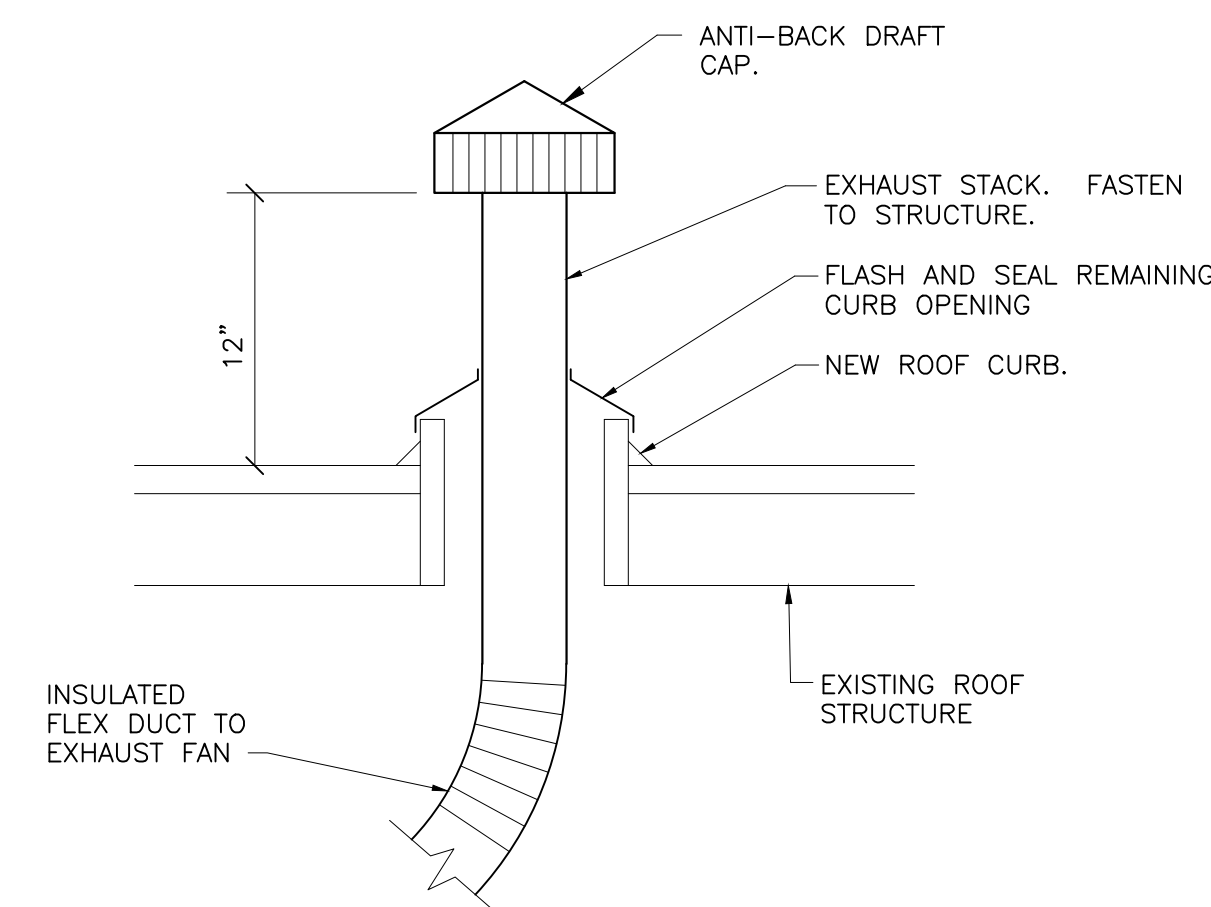
4 DIFFUSER INSTALLATION DETAIL
SCALE: rts



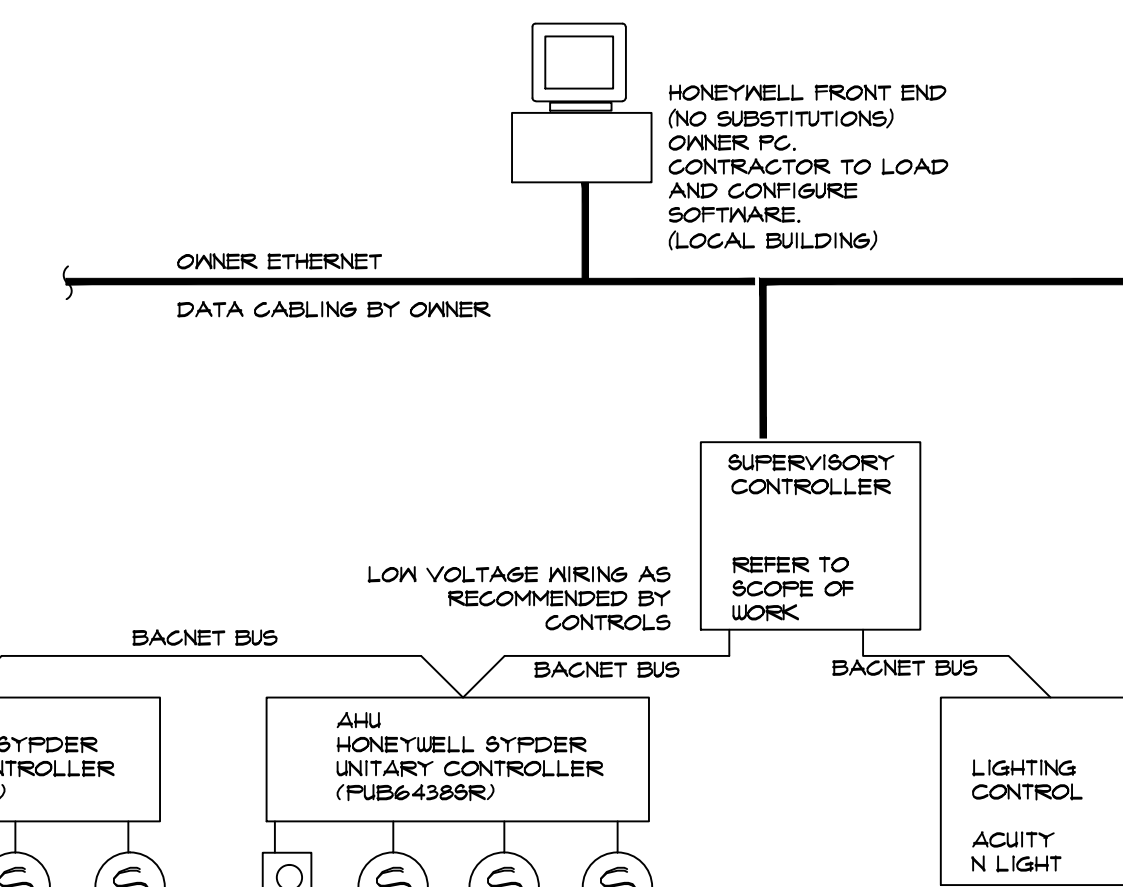
1 DUCT INSTALLATION DETAIL
SCALE: rts



2 REFRIGERANT RISER
SCALE: rts



3 CEILING MOUNTED EXHAUST FAN INSTALLATION DETAIL
SCALE: rts

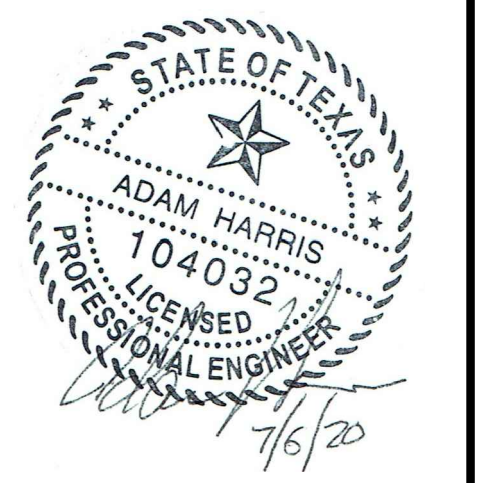


7 BAS RISER
SCALE: rts

3

SPACE TO BE M/N #TR23-HU
MAT TO BE M/N #C104IB2009
LAT TO BE M/N #C104IB2005
OAT TO BE M/N #C104IF

RES Root Engineering Services
Mechanical, Electrical & Plumbing Systems Consultant
4215 GROVE AVE. GURNEE, IL 60031
PHONE: 847-249-6398 FAX: 847-775-1603
400 FM 5306 W. AUSTIN, TX 75745
PHONE: 512-401-0000
TEXAS PROFESSIONAL ENGINEERING DESIGN FIRM #12016



ARCHITECT
SPURGIN & ASSOCIATES
103 W. LOUISIANA ST
MCKINNEY, TEXAS 75069
972-562-5368

PROJECT
COLLIN COUNTY LAKE LAVON BUILDING
TEXAS 78 AT SH 205
LAVON, TEXAS 75166

Rev. No.	Description	Date
3	FOR PERMIT ADDENDUM 3 - CONTROLS	04/17/2020 07/13/2020

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Drawing Title

MECHANICAL SCHEDULES
NOTES AND DETAILS

Scale			
Dwg By	ET/GB	Check By	AH
Consul. Job No.		Consul. Job No.	TX16133

M4

Section 00 41 00 Bid Form-Addendum 3



Collin County Purchasing

2020-272 Addendum 3

Construction, New Office Building for Precinct 2 Justice of the Peace & Constable

Issue Date: 6/2/2020

Questions Deadline: 7/17/2020 10:00 AM (CT)

Response Deadline: 7/23/2020 02:00 PM (CT)

Collin County Purchasing

Contact Information

Contact: JD Griffin, CPPB Buyer II

Address: Purchasing

Admin. Building

Ste.3160

2300 Bloomdale Rd.

Ste. 3160

McKinney, TX 75071

Phone: (972) 548-4116

Fax: (972) 548-4694

Email: jgriffin@co.collin.tx.us

Event Information

Number: 2020-272 Addendum 3
Title: Construction, New Office Building for Precinct 2 Justice of the Peace & Constable
Type: Invitation for Bid - Construction
Issue Date: 6/2/2020
Question Deadline: 7/17/2020 10:00 AM (CT)
Response Deadline: 7/23/2020 02:00 PM (CT)
Notes: The Work is composed of general construction of a new office and JP courtroom building, including HVAC, electrical, plumbing and site development. The Project is located directly behind the Independent Bank Building on the north side of the intersection of Texas 78 and Texas 205 in Lavon, Texas. Please log in to view bid documents.

Ship To Information

Address: 121 Private Road 5681
Lavon, TX 75166

Billing Information

Address: Auditor
Admin. Building
Ste. 3100
2300 Bloomdale Rd.
Ste. 3100
McKinney, TX 75071

Bid Activities

Pre-Bid Conference

6/16/2020 1:30:00 PM (CT)

A PRE-BID CONFERENCE will be held by Collin County via Cisco Webex on Tuesday, June 16, 2020 at 1:30 P.M. in order for bidders to ask questions regarding the proposed work. Please send an email to purchasing@co.collin.tx.us and put IFB 2020-272 Construction, New Office Building for Precinct 2 Justice of the Peace & Constable in the subject line and include your company name and email address so that we may send you a link to attend. It is the bidder's responsibility to review the site and documents to gain a full understanding of the requirements of the bid.

Bid Attachments

Addendum 3_2020-272.doc

Addendum 3

[View Online](#)

Addendum 2_2020-272.doc

Addendum 2

[View Online](#)

Addendum 1_2020-272.doc

Addendum 1

[View Online](#)

LEGAL NOTICE-2020-272.doc

Legal Notice

[Download](#)

CC JP Constable Project Manual.pdf

Specifications

[View Online](#)

Plans.pdf

Plans

[View Online](#)

Pre-Bid Attendee List_6-16-20.pdf

Pre-Bid Attendee List

[View Online](#)

Pre-Bid Questions & Answers_6-16-20.pdf

Pre-Bid Conference Questions & Answers

[View Online](#)

1813 CC JP Constable Office AD One.docx

Architect's Addendum No. One

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00 01 10 Table of Contents (revised).pdf

Section 00 01 10, Table of Contents Revised

[View Online](#)

01 23 00 Alternates (revised).pdf

Section 01 23 00 Alternates Revised

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LV2 - Revised 2020-06-15.pdf

Sheet LV2 Revised

[View Online](#)

L3 2020-06-18.PDF

Sheet L3

[View Online](#)

L6 2020-06-25.PDF

Sheet L6

[View Online](#)

Architect's Addendum 2.pdf

Architect's Addendum No. Two

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Exhibit A-Inspection and Testing Requirements.pdf

Exhibit A-Inspection and Testing Requirements

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Bid Questions and Answers_Addendum 2.pdf

Bid Questions and Answers, Addendum 2

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Section 07 92 00.pdf

Section 07 92 00

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L1-Rev. 7-8-2020.pdf

L1-Rev. 7-8-2020

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L2-Rev. 7-8-2020.pdf

L2-Rev. 7-8-2020

[View Online](#)

L4-Rev. 7-8-2020.pdf

L4-Rev. 7-8-2020

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L5-Rev. 7-8-2020.pdf

L5-Rev. 7-8-2020

[View Online](#)

1813 CC JP Constable Office AD Three.pdf

Architect's Addendum No. Three

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Lift Station Design Concept 7.16.2020.pdf

Lift Station Design Concept 7.16.2020

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E2 Rev. 3.pdf

E2 Rev. 3

[View Online](#)

M1 Rev. 3.pdf

M1 Rev. 3

[View Online](#)

M3 Rev. 3.pdf

M3 Rev. 3

[View Online](#)

Requested Attachments

Conflict of Interest Questionnaire

W-9

(Attachment required)

Bid Bond

(Attachment required)

BID SECURITY: All Bidders must submit, prior to the bid opening time, a Certified Check, Cashier's Check or acceptable Bid Bond payable without recourse to Collin County in the amount of not less than five percent (5%) of the total bid plus alternates as submitted.

1. Bid Bond, certified check or Cashier's Check may be mailed or delivered to the Office of the Collin County Purchasing Agent, Collin County Administration Building, 2300 Bloomdale Road, Ste 3160, McKinney, TX 75071 and shall be delivered in an envelope, marked plainly on the outside with the Bid Name and Number.
2. Bidders submitting a bid via Collin County eBid shall upload a Bid Bond at <https://collincountytx.ionwave.net>

Regardless of delivery method, all Bid Bonds shall be received prior to the bid opening time to be considered. Failure to submit a copy of bid security prior to bid opening shall be cause for rejection of bid.

The original Bid Bond shall be received in the Collin County Purchasing Department no later than close of business on the third working day after the bid opening. Late receipt of original Bid Bond shall be cause for rejection of bid.

Bid Attributes

1	<p>Solicitation Submittals</p> <p>In an effort to avoid person-to-person interaction to comply with the latest Order issued to prevent the spread of COVID-19, Collin County Purchasing will temporarily only accept IFB, RFP, RFQ and Quote submittals electronically in Ionwave (eBid) or via parcel carrier until further notice. Please do not deliver your solicitation response in person. All bid openings will be completed on schedule and witnessed by Collin County Purchasing staff to ensure all procurement statutes, policies and state laws are followed. Please initial.</p> <hr/> <hr/> <hr/> <p><i>(Required: Maximum 1000 characters allowed)</i></p>
2	<p>eBid Notice</p> <p>Collin County exclusively uses IonWave Technologies, Inc. (Collin County eBid) for the notification and dissemination of all solicitations. The receipt of solicitations through any other means may result in your receipt of incomplete specifications and/or addendums which could ultimately render your bid/proposal non-compliant. Collin County accepts no responsibility for the receipt and/or notification of solicitations through any other means. Please initial.</p> <hr/> <hr/> <hr/> <p><i>(Required: Maximum 1000 characters allowed)</i></p>

3 Contact Information

List the contact name, email address and phone number of the main person(s) Collin County should contact in reference to this solicitation. Contact(s) shall be duly authorized by the company, corporation, firm, partnership or individual to respond to any questions, clarification, and or offers in response to this solicitation.

(Required: Maximum 4000 characters allowed)

4 Calendar Days Bid

Please state the consecutive calendar days bid from notice to proceed through completion of project.

(Required: Numbers only)

5 Exceptions

Do you take exceptions to the specifications. If so, by separate attachment, please state your exceptions.

Yes No

(Required: Check only one)

6 Insurance Acknowledgement – Construction/Public Works

I understand that the insurance requirements of this solicitation are required and are included in the submitted pricing. The Contractor shall furnish certificates of insurance for both the Contractor and any subcontractor to the Purchasing department if awarded all or a portion of the resulting contract. Please initial.

(Required: Maximum 1000 characters allowed)

7 Bonding Requirement Acknowledgement

I understand that the bonding requirements of this solicitation are required and are included in the submitted pricing. A bond certificate (payment, performance, and/or maintenance) as stated in the specification document shall be submitted to the Purchasing department if I am awarded all or a portion of the resulting contract. Please initial.

(Required: Maximum 1000 characters allowed)

8 Subcontractors

State the business name of all subcontractors and the type of work they will be performing under this contract. If you are fully qualified to self-perform the entire contract, please respond with "Not Applicable-Self Perform".

(Required: Maximum 4000 characters allowed)

9 Reference No. 1

List a company or governmental agency, other than Collin County, where these same/like products/services, as stated herein, have been provided. Texas references preferred. Include the following: Company/Entity, Contact, Address, City/State/Zip, Phone, and E-Mail.

(Required: Maximum 4000 characters allowed)

**1
0 Reference No. 2**

List a company or governmental agency, other than Collin County, where these same/like products/services, as stated herein, have been provided. Texas references preferred. Include the following: Company/Entity, Contact, Address, City/State/Zip, Phone, and E-Mail.

(Required: Maximum 4000 characters allowed)

**1
1 Reference No. 3**

List a company or governmental agency, other than Collin County, where these same/like products/services, as stated herein, have been provided. Texas references preferred. Include the following: Company/Entity, Contact, Address, City/State/Zip, Phone, and E-Mail.

(Required: Maximum 4000 characters allowed)

1
2 **Preferential Treatment**

The County of Collin, as a governmental agency of the State of Texas, may not award a contract to a nonresident bidder unless the nonresident's bid is lower than the lowest bid submitted by a responsible Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located (Government Code, Title 10, V.T.C.A., Chapter 2252, Subchapter A).

1. Is your principal place of business in the State of Texas?
2. If your principal place of business is not in Texas, in which State is your principal place of business?
3. If your principal place of business is not in Texas, does your state favor resident bidders (bidders in your state) by some dollar increment or percentage?
4. If your state favors resident bidders, state by what dollar amount or percentage.

(Required: Maximum 4000 characters allowed)

1
3 **Debarment Certification**

I certify that neither my company nor an owner or principal of my company has been debarred, suspended or otherwise made ineligible for participation in Federal Assistance programs under Executive Order 12549, "Debarment and Suspension," as described in the Federal Register and Rules and Regulations. Please initial.

(Required: Maximum 1000 characters allowed)

1
4 **Immigration and Reform Act**

I declare and affirm that my company is in compliance with the Immigration and Reform Act of 1986 and all employees are legally eligible to work in the United States of America. I further understand and acknowledge that any non-compliance with the Immigration and Reform Act of 1986 at any time during the term of this contract will render the contract voidable by Collin County. Please initial.

(Required: Maximum 1000 characters allowed)

1
5 **Disclosure of Certain Relationships**

Chapter 176 of the Texas Local Government Code requires that any vendor considering doing business with a local government entity disclose the vendor's affiliation or business relationship that might cause a conflict of interest with a local government entity. Subchapter 6 of the code requires a vendor to file a conflict of interest questionnaire (CIQ) if a conflict exists. By law this questionnaire must be filed with the records administrator of Collin County no later than the 7th business day after the date the vendor becomes aware of an event that requires the statement to be filed. A vendor commits an offense if the vendor knowingly violates the code. An offense under this section is a misdemeanor. By submitting a response to this request, the vendor represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code. Please send completed forms to the Collin County County Clerk's Office located at 2300 Bloomdale Rd., Suite 2104, McKinney, TX 75071. Please initial.

(Required: Maximum 1000 characters allowed)

1
6 **Anti-Collusion Statement**

Bidder certifies that its Bid/Proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a Bid/Proposal for the same materials, services, supplies, or equipment and is in all respects fair and without collusion or fraud. No premiums, rebates or gratuities permitted; either with, prior to, or after any delivery of material or provision of services. Any such violation may result in Agreement cancellation, return of materials or discontinuation of services and the possible removal from bidders list. Please initial.

(Required: Maximum 1000 characters allowed)

1
7 **Disclosure of Interested Parties**

Section 2252.908 of the Texas Government Code requires a business entity entering into certain contracts with a governmental entity to file with the governmental entity a disclosure of interested parties at the time the business entity submits the signed contract to the governmental entity. Section 2252.908 requires the disclosure form (Form 1295) to be signed by the authorized agent of the contracting business entity, acknowledging that the disclosure is made under oath and under penalty of perjury. Section 2252.908 applies only to a contract that requires an action or vote by the governing body of the governmental entity before the contract may be signed or has a value of at least \$1 million. Section 2252.908 provides definitions of certain terms occurring in the section. Section 2252.908 applies only to a contract entered into on or after January 1, 2016. Please initial.

(Required: Maximum 1000 characters allowed)

1
8 **Notification Survey**

In order to better serve our offerors, the Collin County Purchasing Department is conducting the following survey. We appreciate your time and effort expended to submit your bid. Should you have any questions or require more information please call (972) 548-4165. How did you receive notice of this request?

- Plano Star Courier Plan Room Collin County eBid Notification Collin County Website
 Other

(Required: Check only one)

1
9 **Cooperative Contract Name**

State the cooperative contract name this quote is offered under. (i.e. TX DIR, TXMAS, OMNIA Partners, Buyboard, TIPS/TAPS, HGAC, HCDE, etc.) If none, answer N/A.

(Required: Maximum 4000 characters allowed)

20 Cooperative Contract Number

State the cooperative contract number this quote is offered under. If none, answer N/A.

(Required: Maximum 4000 characters allowed)

21 Cooperative Contract Website

Please provide the website URL for the cooperative contract this quote is offered under. If none, answer N/A.

(Required: Maximum 1000 characters allowed)

22 Bid Bond Acknowledgement

I understand that accompanying this bid, is a certified check, cashier's check or Bid Bond in the amount of five percent (5%) of the total amount bid. Bidders submitting a bid via Collin County eBid shall upload a Bid Bond at <https://collincountytx.ionwave.net>. Regardless of delivery method, all Bid Bonds shall be received prior to the bid opening time to be considered.

I understand that the original Bid Bond shall be received in the Collin County Purchasing Department no later than close of business on the third working day after the bid opening. **Late receipt of original Bid Bond shall be cause for rejection of bid.** Please initial.

(Required: Maximum 4000 characters allowed)

23 Construction Acknowledgement

Bidder, declares that the only person or parties interested in this bid are those principals named herein, that his/her bid is made without collusion with any other person, firm or corporation, that he/she has carefully examined the Contract Documents including the Advertisement for Bids, Instruction to Bidders, Construction Agreement, Specifications and the Drawings, therein referred to and has carefully examined the locations, conditions and classes of materials for the proposed work, and agrees that he/she will provide all the necessary labor, machinery, tools, equipment, apparatus and other items incidental to construction and will do all the work and furnish all the materials called for in the Contract Documents in the manner prescribed therein. Bidder hereby declares that he/she has visited the site of the Work and has carefully examined the Contract Documents pertaining to the Work covered by the above Bid, and he/she further agrees to commence work within ten (10) consecutive calendar days after date of written Notice to Proceed and to substantially complete the work on which he/she has bid within the number of days specified subject to such extensions of time allowed by Specifications. Bidder certifies that the bid prices contained in this bid have been carefully checked and are submitted as correct and final. The prices have been shown in words and figures for each item listed in this bid and it is understood that in the event of a discrepancy, the words shall govern. Please initial.

(Required: Maximum 1000 characters allowed)

24 Addendum No. 1 Acknowledgement
 Please initial to verify your receipt of the addendum.

(Required: Maximum 1000 characters allowed)

25 Addendum No. 2 Acknowledgement
 Please initial to verify your receipt of the addendum.

(Required: Maximum 1000 characters allowed)

26 Addendum No. 3 Acknowledgement
 Please initial to verify your receipt of the addendum.

(Required: Maximum 1000 characters allowed)

Bid Lines

1 Package Header

Base Bid Grand Total

Quantity: 1 UOM: lump sum Total: \$

Item Notes: Total Material Cost (Line 1.1) and Total Labor Cost (Line 1.2) must add up to the Base Bid Grand Total. The contract award will be based on the Base Bid Grand Total.

Supplier Notes: _____

No bid
 Alternate specification
(Attach separate sheet)
 Additional notes
(Attach separate sheet)

Package Attributes

1. Base Bid Grand Total- Written in Words

(Required: Maximum 4000 characters allowed)

Package Items

1.1 Total Materials Cost Incorporated in Project

(Response required)

Quantity: 1 UOM: lump sum Price: \$ Total: \$

Supplier Notes: _____

- No bid
 Additional notes
(Attach separate sheet)

1.2 Total Labor Cost Incorporated in Project

(Response required)

Quantity: 1 UOM: lump sum Price: \$ Total: \$

Supplier Notes: _____

- No bid
 Additional notes
(Attach separate sheet)

- 2** Bid Alternate One (1): At five (5) Windows D, E, F and G located at Room 102 Service Windows, in lieu of 3/8 IN thick fixed glass with a 3 IN wide pass slot x 5 FT 6 IN tall at standard service counters and 6 FT 6 IN tall at HC service counters, all with an 8 IN high GWB header above as shown on Interior Elevations 1-4 on Sheet A17, install Level 3 bullet-resistant steel frames and glazing with non-ricochet transaction trays below the glazing and passive voice speakers through the glazing as specified in Section 08 56 67 Bullet-Resistant Steel Transaction Windows and Section 08 88 56 Bullet-Resistant Glazing. Bullet-resistant transaction windows shall be width shown on the Drawings by 3 FT 8 IN tall at standard service count

(Response required)

Quantity: 1 UOM: lump sum Price: \$ Total: \$

Item Notes: Refer to Section 01 23 00

Supplier Notes: _____

- No bid
 Alternate specification
(Attach separate sheet)
 Additional notes
(Attach separate sheet)

3 Unit Prices.

(Line excluded from response total)

Supplier Notes: _____

- Additional notes
(Attach separate sheet)

Item Attributes

1. State Unit Price (per linear foot) for Drilled Concrete Piers.

Refer to Section 01 22 00, 1.07, A.

\$

(Required: Numbers only)

2. State Unit Price (per linear foot) for Temporary Steel Pier Casings.

Refer to Section 01 22 00, 1.07, B.

\$

(Required: Numbers only)

3. State Unit Price (per cubic yard) for Granular Fill.

Refer to Section 01 22 00, 1.07, C.

\$

(Required: Numbers only)

4. State Unit Price (per cubic yard) for Inert (select) Fill.

Refer to Section 01 22 00, 1.07, D.

\$

(Required: Numbers only)

5. State Unit Price (per cubic yard) for Non-Inert Fill.

Refer to Section 01 22 00, 1.07, E.

\$

(Required: Numbers only)

6. State Unit Price (per cubic yard) for Topsoil.

Refer to Section 01 22 00, 1.07, F.

\$

(Required: Numbers only)

7. State Unit Price (lump sum) for Roof Warranty, 30 Year.

Refer to Section 01 22 00, 1.07, G.

\$

(Required: Numbers only)

4 Bid Alternate Two (2): Provide and install all Surveillance System Equipment listed and described on Sheet LV2 of the Drawings.

(Response required)

Quantity: 1 UOM: lump sum Price: \$ Total: \$

Item Notes: Refer to Section 01 23 00-1, 3.01, B. and Sheet LV2 Revised

Supplier Notes: _____

- No bid
- Alternate specification
(Attach separate sheet)
- Additional notes
(Attach separate sheet)

Supplier Information

Company Name: _____

Contact Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Supplier Notes

The undersigned hereby certifies the foregoing bid submitted by the company listed below hereinafter called "bidder" is the duly authorized agent of said company and the person signing said bid has been duly authorized to execute same. Bidder affirms that they are duly authorized to execute this contract; this company; corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder or other person or persons engaged in the same line of business; and that the contents of this bid as to prices, terms and conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid.

Print Name

Signature