

ADDENDUM NO. 2

PROJECT:

Town of Valdese

Draughn Aquatic Center Structure

Valdese, North Carolina

24-858

TO: All Plan Holders

ADDENDUM DATE: 10/18/2024

This Addendum forms a part of and modifies the Contract Documents dated October 15, 2024, as described below, and consists of one (1) pages. This Addendum is incorporated into the first issued printed set.

GENERAL:

<u>ITEM</u> <u>SECTION</u> <u>DESCRIPTION</u>

1. - Added Addendum 1 Cover Sheet

SPECIFICATIONS:

ITEM SECTION DESCRIPTION

2. 000020 Revised TABLE OF CONTENT

3. 000030 Revised ADVERTISEMENT FOR BIDS

4. 000060 Revised BID FORM

DRAWINGS:

ITEM DRAWING DESCRIPTION

5. M1.01 Revised specifications

END OF ADDENDUM

MICHAEL GRAVES MichaelGraves.com

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BIDDING REQUIREMENTS AND INFORMATION

ADDENDUM #1

Advertisement for Bids

Instruction to Bidders County Sales & Tax Report (NC) **Bid Form** Bid Bond (A310)

SAMPLE CONTRACT FORMS AND PROJECT INFORMATION:

Performance Bond (A312) Payment Bond (A312) General Guarantee Roofing Warranty Asbestos Free Warranty

CONDITIONS OF THE CONTRACT:

General Conditions of the Contract for Construction (A201) Supplementary General Conditions (To A201 General Conditions)

SPECIFICATIONS:

DIVISION1 – GENERAL REQUIREMENTS

01 11 00	Summary of the Work
01 12 00	Owner Occupancy During Construction
01 20 00	Allowances & Unit Prices
01 31 00	Project Meetings
01 33 00	Submittals
01 35 50	Product Requirements
01 42 00	Reference Standards & Layout Work
01 50 00	Temporary Facilities
01 61 00	Materials and Equipment
01 63 00	Product Substitutions
01 73 00	Cutting and Patching
01 74 00	Cleaning Up
01 75 00	Documents at Project Site
01 78 00	Contract/ Project Close-Out
01 83 00	Equipment Maintenance and Operations Program

DIVISION 2 – EXISTING CONDITIONS

02 41 19 Selective Demolition

DIVISION 3 - CONCRETE

03 10 00	Concrete Formwork
03 20 00	Concrete Reinforcement
03 25 00	Adhesive Anchors
03 30 00	Cast in Place Concrete

DIVISION 4 - MASONRY

04 06 00	Masonry Mortar
04 20 00	Unit Masonry

DIVISION 5 - METALS

See Drawings for Structural Engineering specifications

05 50 00 Miscellaneous Metal Fabrications

DIVISION 6 - WOOD AND PLASTICS

06 10 00 Rough Carpentry

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07 14 00	Fluid Applied Waterproofing (Prosoco Fastflash)
07 20 00	Rigid Insulation
07 21 16	Flexible Insulation
07 53 00	Fully Adhered Thermoplastic Polyolefin (TPO) Roofing
07 62 00	Flashing and Sheet Metal
07 90 00	Sealants

DIVISION 8 - DOORS AND WINDOWS

08 11 00	Hollow Metal Doors and Frames
08 33 60	Overhead Rolling Doors
08 51 00	Steel Windows
08 80 00	Glass and Glazing

DIVISION 9 - FINISHES

09 29 00	Gypsum Drywall
09 91 00	Field Painting

<u>DIVISION 10 – SPECIALTIES (not used)</u>

DIVISION 11 - EQUIPMENT (not used)

DIVISION 12 - FURNISHINGS (not used)

DIVISION 13 - SPECIAL CONSTRUCTION

13 12 00 Pre-Engineered Structures

DIVISION 14 - CONVEYING SYSTEMS (not used)

DIVISION 21 – FIRE PROTECTION

See Drawings

DIVISION 22 - PLUMBING

See Drawings

DIVISION 23 - MECHANICAL

See Drawings

DIVISION 26 - ELECTRICAL

See Drawings

DIVISION 31 – EARTHWORK

See Drawings

<u>DIVISION 32 – EXTERIOR IMPROVEMENTS</u>

See Drawings

DIVISION 33 – UTILITIES

See Drawings

END OF TOC

ADVERTISEMENT FOR BIDS

Sealed Bids will be received by the Town of Valdese at 11:00 a.m., October 28, 2024, at the Town of Valdese Town Hall, in the Community Room, at 102 Massel Ave. SW, Valdese, NC 28690; at which time the Bids will be opened and read publicly for the construction of the following:

Town of Valdese – Draughn Aquatic Center Structure

Bids will be received from invited General Contractors only and their bids will include general construction, plumbing, HVAC, electrical, plumbing, civil, audio/visual and all work indicated by the Bidding Documents.

Digital copies of the Bidding Documents will be available from the Architect's Office to invited General Contractors. General Contractors will be required to share the Bidding Documents with their sub-contractors. Digital copies of the Bidding Documents will not be available to sub-contractors from the Architect's Office.

Invited General Contractors may purchase printed, full sets of the Bidding Documents from The Sharpe Company, 800-688-0629.

The project consists of:

Modifications to the exterior wall adjacent to the pool, installation of pre-engineered membrane structure over pool and pool deck, installation of mechanical, electrical, and plumbing systems in new structure.

Bidders must be properly licensed Contractors in accordance with applicable North Carolina state law.

Bids must be on the standard form provided by the Architect and must be marked to identify the type of Prime Contract noted.

Bidders shall use complete sets of Bidding Documents in preparing Bids; neither the Owner nor Architect assumes responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

An open pre-bid meeting will be held for all interested bidders and vendors.

A Bid Bond will be required with each Bid. The Bond shall be in the sum equal to 5% of the gross Base Bid.

A Payment and Performance Bond will be required each in the sum equal to 100% of the Contract Sum.

No Bidder may withdraw his Bid within 30 days after the opening thereof.

The Owner reserves the right to accept or reject any or all Bids, and to waive informalities.

Owner:			

BID FORM

Name of Bidder		
Business Address		
N.C. License No.		
Telephone Number		
Email Address		
PROJECT: Town of Valdese – Draughn Aquatic Cen	ter Structure	
TO:	<u>-</u>	
Gentlemen:		
The undersigned, having carefully examined the Bidding Doo subsequent Addenda as prepared by Walter Robbs Archite the site and being familiar with all conditions and requirement materials, equipment, services, and other requirements to conditions.	ects, a Michael Grave ats of the work, hereby	s Company, has visited agrees to furnish all labor,
All to be in accordance with the bidding documents for the fo	llowing amounts:	
BASE BID:	Dollars	(\$)
Base Bid does not include state or local sales tax; see Parag Bid does include all Cash Allowances and Quantity Allowance NOT include Bid Alternates described in Section 01200.		
UNIT PRICES:		
Should the undersigned be required to perform work over an Documents, or should he be ordered to omit work required be extra or shall credit the Owner, as the case may be, on the being sum total compensation payable or creditable for such and profit, general conditions and duration related expenses	y the Contract Docume asis of unit prices state items installed and in	ents, he will be paid an ed herein, prices quoted place, including overhead
Work	Unit	Price
Excavation and off-site removal of unsuitable soil and replacement of off-site backfill (57 stone) compacted.	Cu. Yd.	\$
LINE ITEM:		
<u>Work</u>		Price
Cost of Field Verification during Mandatory Site Visit (include	ed in Base Bid).	\$

Addenda nave been received as follow	/S:		
Addendum N Addendum N Addendum N	0	Date Date Date	
The undersigned further agrees to sign (30) days after receipt of Bids, and to fithe Owner, attached cashier's check, or	urnish surety as specified, ar	nd upon failure to do so, agrees to for	
\$		of Base	e Bid).
The undersigned further agrees to beg carry the work forward as rapidly as poconsecutive calendar days after the days	ssible and complete the enti	tire Project no later than	
The undersigned hereby states that he	will use the following major	subcontractors if awarded the Contra	act:
Plumbing:			
HVAC:			
Electrical:			
The undersigned agrees that he has e Qualification which is attached as the la		his bid the Statement of Bidder's	
It is distinctly understood that the Own and technicalities if considered to be in			nalities
Bidder hereby verifies that he is proper respective trade and has entered his N			ng his
Name of Bidder		_	
Ву		_	
Signature			
Title		_	
Date Proposal Executed:	, 202		

Note: Execute and include "Statement of Bidder's Qualifications" as the last page of this Bid Form.

STATEMENT OF BIDDER'S QUALIFICATIONS

1.	When was firm organized?								
2.	When and where was firm incorporated?								
3.	How many years has firm been engaged in contracting business under its present firm name?								
4.	Undersigned () is willing () is not willing to furnish a recent Financial Statement if requested to do so by Owner. (Note failure to provide financial information could result in disqualification.)								
5.	Three pro	jects comp	leted within last five (5)	years approximating th	is project in size and sco	ре.			
	Owner		Type Building:	Approx. Cost:	Architect				
	A								
	В								
	C								
6.	Have you	ever refuse	ed a contract at your or	iginal bid?					
7.	Have you	ever defau	Ited on a contract?						
	If answer	to either 6	or 7 above is yes, expla	ain circumstances on at	tached sheet.				
	(This state	ement must	t be subscribed and sw	orn to before a Notary	Public.)				
Swor	n to and sub	scribed	Firm Name	:					
befor	e me this	day	Ву:						
of		, 202	_ Title:						
No	otary Public								

1. CONTRACTOR SHALL LEAD AND ACHIEVE COORDINATION OF ALL TRADES SO THAT ALL WORK WILL FIT AND CAN BE PROPERLY INSTALLED BY ALL CONTRACTORS. MECHANICAL CONTRACTOR BE RESPONSIBLE FOR OBTAINING INFORMATION FROM ALL TRADES TO SHOW LOCATION, SIZES AND COORDINATION ON

- OVERLAY SHOP DRAWINGS (SEE SPECIFICATION SECTION 15010 FOR ADDITIONAL REQUIREMENTS). 2. ALL DUCT LAYOUTS ARE GENERALLY DIAGRAMMATIC. CONTRACTOR SHALL VERIFY AVAILABLE SPACE
- INDICATED PIPES BASED ON DETAILED SHOP DWGS. AND MEASUREMENTS AND SURVEYS TAKEN OF THE
- 4. CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL DUCT AND PIPING TO INTERFACE WITH PLUMBING, FIRE PROTECTION, ELECTRICAL, CONTROLS, STRUCTURAL, AND ALL OTHER WORK, EXISTING OR NEW. SEE MECHANICAL GENERAL PROVISIONS IN SPECS FOR FURTHER DETAILS.
- 5. COORDINATE DUCTWORK ROUTING AND SIZES WITH PIPING, CONDUIT, STRUCTURES AND OTHER INTERFERENCES TO AVOID CONFLICTS. IF SIZE MUST BE CHANGED, USE EQUIVALENT FRICTION METHOD
- THICKNESS WHERE REQUIRED TO OBTAIN REQUIRED SHEET METAL DIMENSIONS.
- 7. WHERE REQUIRED FOR CLEARANCE, PIPING AND CONDUIT SHALL BE INSTALLED BETWEEN LIGHTS AND UNDER DUCTWORK.
- 8. TO PROVIDE ADEQUATE CLEARANCE WHERE DUCT CROSSINGS ARE EXTREMELY TIGHT, LOCATE FLANGED
- 9. CONTRACTOR SHALL FURNISH AND INSTALL ALL ACCESS DOORS IN DUCTWORK AS REQUIRED FOR FIRE DAMPERS, CONTROLS, LOCATIONS RECOMMENDED BY SMACNA, AND WHERE REQUIRED BY THE CONTRACT DRAWINGS AND/OR THE SPECIFICATIONS. ALL ACCESS DOORS REQUIRED MAY NOT BE SHOWN ON THE DRAWINGS. REFER TO TYPICAL DETAIL FOR SIZING REQUIREMENTS.
- 10. ACCESS DOORS IN BUILDING FINISHES SHALL BE FURNISHED AND INSTALLED UNDER THE GENERAL CONSTRUCTION DIVISIONS OF THE SPECIFICATIONS.
- 11. LOCATE ALL CONTROL VALVES, DAMPERS, AND THE LIKE, IN ACCESSIBLE POSITIONS WITH ADEQUATE MAINTENANCE CLEARANCE. COORDINATE AND LOCATE DEVICES SO ACCESS IS NOT BLOCKED BY LIGHTS, PROVIDE ACCESS DOORS IN WALLS AND NON LAY-IN TYPE CEILINGS AS NECESSARY. THE MECHANICAL CONTRACTOR SHALL PROMPTLY NOTIFY THE G.C. OF THE SIZE, LOCATION AND TYPE OF ALL ACCESS DOORS REQUIRED IN BUILDING SURFACES.
- AND THE LIKE.
- SPECIFICATIONS. SEE MECHANICAL GENERAL PROVISIONS AND ALL OTHER MECHANICAL SECTIONS.
- SQUARE MITERED ELBOWS ARE SHOWN IN MANY PLACES ON THESE DRAWINGS FOR SIMPLICITY OF DRAFTING, BUT SQUARE MITERED ELBOWS SHALL NOT BE USED EXCEPT WHERE ABSOLUTELY NECESSARY TO FIT IN A SPECIFIC SITUATION, AND WHERE SPECIFICALLY APPROVED BY THE OWNER'S

REPRESENTATIVE. WHERE SQUARE MITERED ELBOWS MUST BE USED, TURNING VANES SHALL BE PROVIDED PER SPECIFICATIONS.

- 15. ALL BRANCH DUCT CONNECTIONS SHALL BE 45° ENTRY TYPE FOR RECTANGULAR DUCTS, TYPICAL WHETHER SPECIFICALLY INDICATED OR NOT.
- FOR INDICATED DUCTS BASED ON DETAILED SHOP DWGS. AND MEASUREMENTS AND SURVEYS TAKEN OF 16. REFER TO CONTRACT SPECIFICATIONS FOR DUCT CONSTRUCTION PRESSURE CLASSIFICATIONS AND JOINT SEALING CLASSIFICATIONS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 3. ALL PIPE LAYOUTS ARE GENERALLY DIAGRAMMATIC. CONTRACTOR SHALL VERIFY AVAILABLE SPACE FOR 17. CONTRACTOR SHALL ADJUST ALL AIR DISTRIBUTION AND BALANCING DAMPERS TO OBTAIN SCHEDULED OR NOTED AIR FLOW RATES. SEE TESTING AND BALANCING REQUIREMENTS IN SPECIFICATIONS.
 - 18. AIR DISTRIBUTION DEVICES ARE SHOWN APPROXIMATELY LOCATED. CONTRACTOR SHALL COORDINATE LOCATION WITH LIGHTING AND REFLECTED CEILING PLANS. CONFLICTS AND/OR DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
 - 19. EQUIPMENT CONNECTION SIZES, ELEVATION, AND CONFIGURATIONS ARE SUBJECT TO CHANGE WHEN CERTIFIED VENDOR SHOP DRAWINGS ARE RECEIVED. CONTRACTOR SHALL CHECK CERTIFIED SHOP DRAWINGS PRIOR TO INSTALLATION OF DUCTWORK AND PIPING, AND SHALL MAKE REQUIRED ADJUSTMENTS AT NO ADDITIONAL COST TO THE OWNER.
- 6. ALL DIMENSIONS ARE SHOWN FOR FREE FLOW AREA IN NEW HVAC DUCTWORK. ADD INSULATION 20. EQUIPMENT SELECTIONS SCHEDULED ON THE DRAWINGS AND IN THE SPECIFICATIONS INDICATE A MINIMUM LEVEL OF ACCEPTABLE PERFORMANCE. SUBSTITUTION OF EQUIPMENT AND MATERIALS SHALL BE MADE IN ACCORDANCE WITH THE PRIOR APPROVAL CLAUSE LOCATED IN THE MECHANICAL GENERAL
 - 21. ALL PIPE ELEVATIONS ARE TO BOTTOM OF PIPE (NOT INSULATION), UNLESS NOTED OTHERWISE.
- JOINTS AND DUCT REINFORCING SO THAT FLANGES AND REINFORCING OCCUR WHERE ADEQUATE SPACE 22. PROVIDE OFFSETS IN PIPING AS REQUIRED TO PROVIDE FOR THERMAL EXPANSION, PER SPECIFICATIONS.
 - 23. CONTRACTOR SHALL COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO VERIFY THAT ADEQUATE OPENINGS ARE PROVIDED IN THE BUILDING STRUCTURAL SYSTEMS AND SLABS TO ALLOW FOR INSTALLATION OF MECHANICAL DUCTWORK AND PIPING SYSTEMS.
 - 24. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING IN THE FIELD THAT THE MECHANICAL EQUIPMENT AND DUCTWORK FOR THIS PROJECT HAS BEEN INSTALLED IN SUCH A MANNER THAT VIBRATIONS WILL NOT BE TRANSMITTED TO THE BUILDING STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, AVOIDING CONTACT BETWEEN DUCTWORK, DUCTWORK SUPPORTS AND CEILING HANGERS, CONDUIT, WALL STUDS OR BRACES, PIPING AND PIPING HANGERS, AND THE LIKE. CEILING GRID SUPPORT HANGERS SHALL NOT BE SUSPENDED FROM DUCTWORK OR DUCTWORK SUPPORTS.
- GRILLES, DUCTWORK, PIPING, STRUCTURE, CONDUIT AND THE LIKE. THE GENERAL CONTRACTOR SHALL 25. DUCTWORK AND HVAC EQUIPMENT THAT WILL BE SUBJECTED TO RECIRCULATED AIRFLOW SHALL BE PROTECTED FROM DIRT, DUST AND DEBRIS THAT IS PREVALENT AT THE CONSTRUCTION JOB SITE. PROVIDE APPROVED PROTECTION WHILE DUCTWORK AND HVAC EQUIPMENT ARE STORED, FABRICATED AND INSTALLED ON THE JOB SITE.
- 12. MAINTAIN A MINIMUM OF 12" CLEARANCE FOR ACCESS TO CONTROLS ON ALL DAMPERS, CONTROL VALVES 26. ALL ASPECTS OF THE WORK REQUIRED FOR THIS PROJECT SHALL COMPLY, AS A MINIMUM, WITH THE PROVISIONS OF ASHRAE 90.1 AND THE NC STATE BLDG. CODE.
- 13. MATERIALS, EQUIPMENT AND INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF THE 27. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CONTROL POWER SUPPLY. COORDINATE EXACT LOCATION WITH ELECTRICAL CONTRACTOR.
- 14. ELBOWS IN ALL DUCTWORK SHALL BE SMACNA SMOOTH RADIUS TYPE. SEE DUCTWORK SPECIFICATIONS. 28. CONTRACTOR SHALL PREPARE, SUBMIT, AND OBTAIN APPROVAL ON SHOP DRAWINGS SHOWING ALL DUCTWORK, UTILITIES, STRUCTURAL, PIPING, AND OTHER INTERFERENCES BEFORE BEGINNING INSTALLATION. SEE SPECIFICATIONS FOR DETAILED SHOP DRAWING REQUIREMENTS.

MECHANICAL SPECIFICATIONS

THE WORK COVERED IN THE SPECIFICATIONS AND SHOWN ON THE DRAWINGS CONSISTS IN PROVIDING A COMPLETE SYSTEM INCLUDING LABOR, MATERIALS, ETC. THE TERM "PROVIDE" USED THROUGHOUT SPECIFICATIONS AND ON DRAWINGS SHALL

MEAN TO "FURNISH, INSTALL AND CONNECT WITH ALL RELATED ACCESSORIES AS

COMPLY WITH ALL APPLICABLE LOCAL AND STATE CODES, LAWS AND REGULATIONS APPLICABLE TO MECHANICAL, HEATING, VENTILATING AND AIR CONDITIONING

THE ENTIRE INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE.

THE CONTRACTOR SHALL PAY ALL INSPECTION FEES AND SHALL INCLUDE THE COST OF SUCH FEES IN HIS PROPOSAL.

CHECK AND VERIFY WITH THE OWNER, EQUIPMENT SUPPLIERS, AND ALL OTHER DOCUMENTS FOR THE PROJECT THE EXACT REQUIREMENTS FOR PROVIDING REQUIRED AND COMPLETE SERVICES FOR EQUIPMENT, SYSTEMS, ETC. AS SHOWN OR INDICATED. MINOR CHANGES IN PIPE, DUCTS, DIFFUSER, GRILLE OR EQUIPMENT LOCATIONS MAY BE MADE AT ANY TIME PRIOR TO ROUGHING-IN OF THE MECHANICAL WORK WITHOUT ANY ADDITIONAL COSTS.

ALL EQUIPMENT SHALL HAVE UL LABEL AS APPLICABLE.

REQUIRED FOR COMPLETE INSTALLATION READY FOR USE."

SUBMIT ELECTRONICALLY SUBMITTAL DATA FOR APPROVAL FOR ALL MATERIALS AND EQUIPMENT. PRIOR TO SUBMITTAL, THE CONTRACTOR SHALL STAMP ALL SHOP DRAWINGS AND SUBMITTAL DATA AS "APPROVED", INDICATING FULL COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS. SHOP DRAWINGS AND SUBMITTAL DATA WILL NOT BE REVIEWED WITHOUT THE "APPROVED" STAMP.

SHOP DRAWINGS AND SUBMITTAL DATA SHALL BE CLEARLY MARKED WITH EQUIPMENT SIZES, CAPACITIES, ETC. INDICATED FOR THE PROJECT. INDICATE CLEARLY THE EXACT REQUIREMENTS FOR ACCESS FOR SERVICE AND MAINTENANCE AND MINIMUM CLEARANCES FOR COMPLIANCE WITH ALL APPLICABLE CODES. ALL SHOP DRAWINGS SHALL BE SUBMITTED AS SOON AS POSSIBLE AFTER AWARD OF THE CONTRACT.

FURNISH TO THE OWNER TWO (2) SETS OF MARKED UP MECHANICAL, HEATING AND AIR CONDITIONING PRINTS WITH ALL DEVIATIONS AND CORRECTIONS SHOWING THE AS-BUILT AND DIMENSIONED, IF NECESSARY, LOCATIONS, ELEVATIONS, ETC. OF ALL PIPING, EQUIPMENT, DUCTS, VALVES, ETC., UNDERGROUND, IN WALLS, ABOVE CEILINGS AND OTHERWISE CONCEALED, WHICH WILL REQUIRE SERVICE AND MAINTENANCE.

FURNISH, PLACE AND GROUT NEATLY IN PLACE SCHEDULE 40 BLACK STEEL PIPE SLEEVES FOR PIPING, CONDUITS, ETC., RUN DIRECTLY BELOW WALL FOOTINGS, THROUGH ALL SLABS, ETC. EXTEND VERTICAL SLEEVES IN SLABS MINIMUM 1" ABOVE FINISHED FLOOR AND CAULK WATERTIGHT BETWEEN SLEEVE AND SLAB, AND BETWEEN EACH PIPE AND SLEEVE.

INSTALL THE PACKAGED ROOFTOP AIR CONDITIONING UNITS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MAINTAIN REQUIRED VERTICAL AND LATERAL CLEARANCES FOR PROPER PERFORMANCE, SERVICE ACCESS, MAINTENANCE AND SAFETY.

ALL PENETRATIONS SHALL BE SEALED VERMIN PROOF AND MOISTURE TIGHT.

TEST AND OBTAIN SPECIFIED PERFORMANCE AS REQUIRED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

ADJUST AS NECESSARY TO OBTAIN REQUIRED PERFORMANCE.

GAS PIPE AND PIPE NIPPLES SHALL BE ANSI/ASTM A-312, SEAMLESS, STANDARD WEIGHT, STAINLESS STEEL, THREADED AND COUPLED.

THREADED FITTINGS SHALL COMPLY WITH ANSI B1.20.1.

BELOW GRADE GAS PIPING SHALL BE SDR-11 MDPE GAS PIPE. PROVIDE WARNING TAPE AND TRACER WIRE. GAS PIPING SHALL BE 24" BELOW GRADE.

VALVES SHALL BE BALL TYPE STAINLESS STEEL BODY MATCHING PIPING GRADE.

ALL GAS PIPING SHALL BE LABELED AS "NATURAL GAS".

CONNECTIONS TO EQUIPMENT SHALL INCLUDE DIRT LEG. ÉLECTRICAL WORK:

POWER WIRING UP TO AND INCLUDING JUNCTION BOXES, DISCONNECT SWITCHES, ETC. AS INDICATED, WILL BE PROVIDED BY THE ELECTRICAL CONTRACTOR AT LOCATIONS AS SHOWN. WIRING, CONDUITS AND CONNECTIONS FROM LOAD SIDE OF DISCONNECT SWITCHES, JUNCTION BOXES, ETC. TO EQUIPMENT TERMINALS, AND TEMPERATURE CONTROL AND INTERLOCK WIRING, SHALL BE INCLUDED IN THE MECHANICAL CONTRACT.

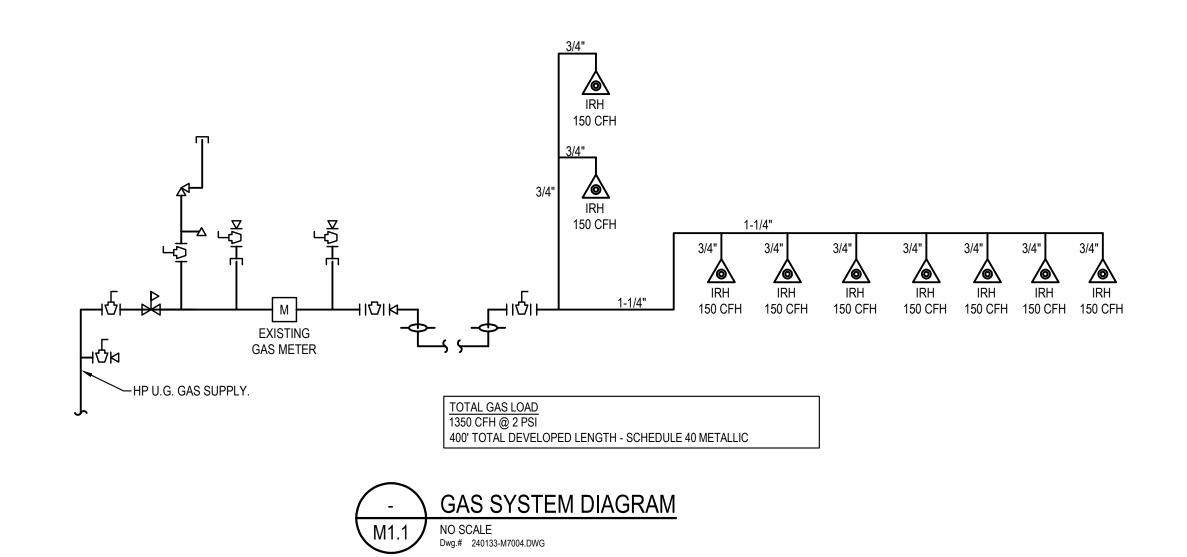
CLEANING, PAINTING:

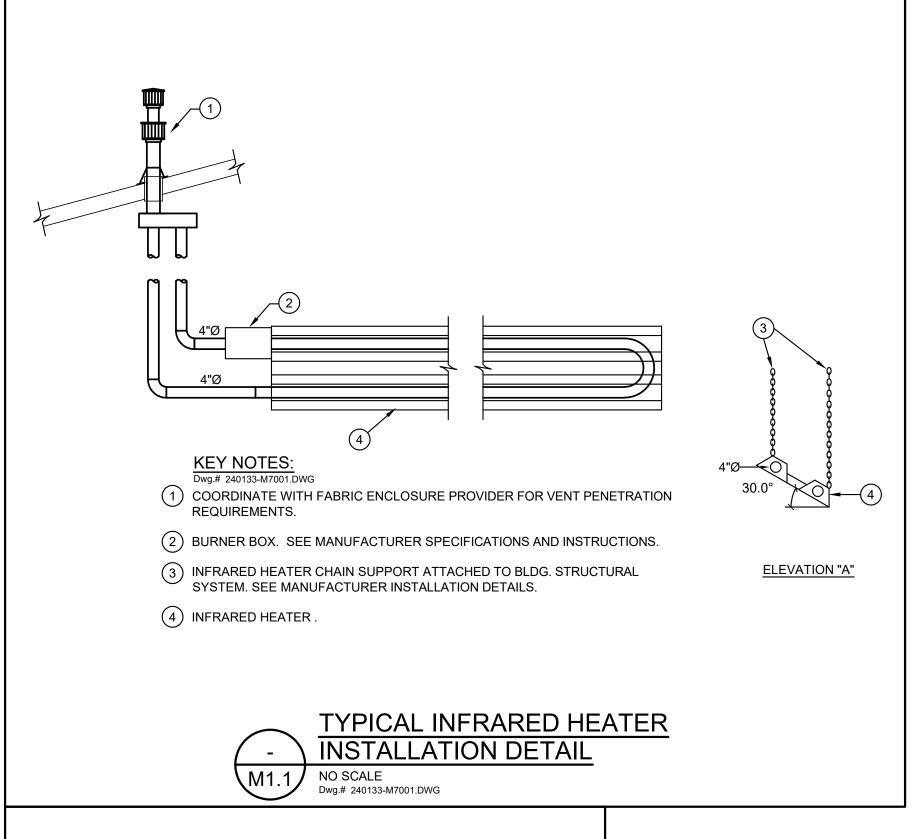
CLEAN ALL PIPING, HANGERS, DUCTWORK, GRILLES, DIFFUSERS, EQUIPMENT, ETC. AND LEAVE READY FOR USE. PAINT NEW GAS PIPING OUTSIDE THE BUILDING RUN AT WALL AND ABOVE ROOF. COLOR TO BE SAFETY YELLOW.

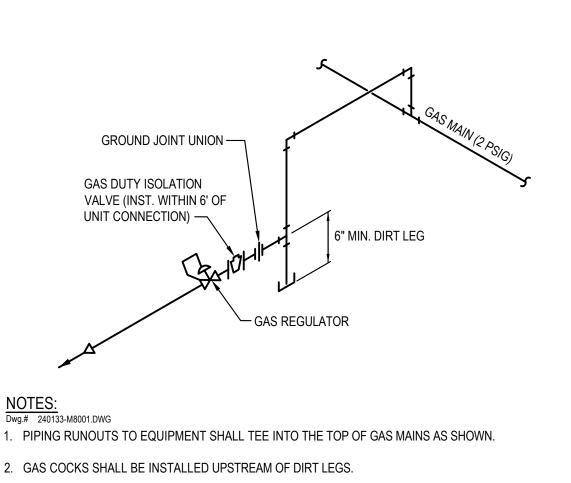
GUARANTEE:

REFER TO GENERAL CONDITIONS OF THE CONTRACT FOR CONTRACT COMPLETION AND WARRANTY REQUIREMENTS. GUARANTEE ALL MATERIALS, EQUIPMENT AND WORKMANSHIP FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY OWNER AS STATED IN WRITING, EXCEPT REFRIGERATION COMPRESSORS WHICH SHALL HAVE ADDITIONAL 4 YEAR EXTENDED GUARANTEE. REPAIR AND/OR REPLACE, WITHOUT ANY COST TO THE OWNER, ANY DEFECTIVE PART OR PARTS OF THE WORK WITHIN THE GUARANTEE PERIOD FROM THE TIME THE SYSTEM IS PUT INTO OPERATION AS DETERMINED BY THE DATE OF FINAL CERTIFICATE OF PAYMENT WITH EXCEPTIONS AS

PROVIDE PERIODICAL INSPECTION AND ADJUSTMENT SERVICE THROUGHOUT THE GUARANTEE PERIOD.





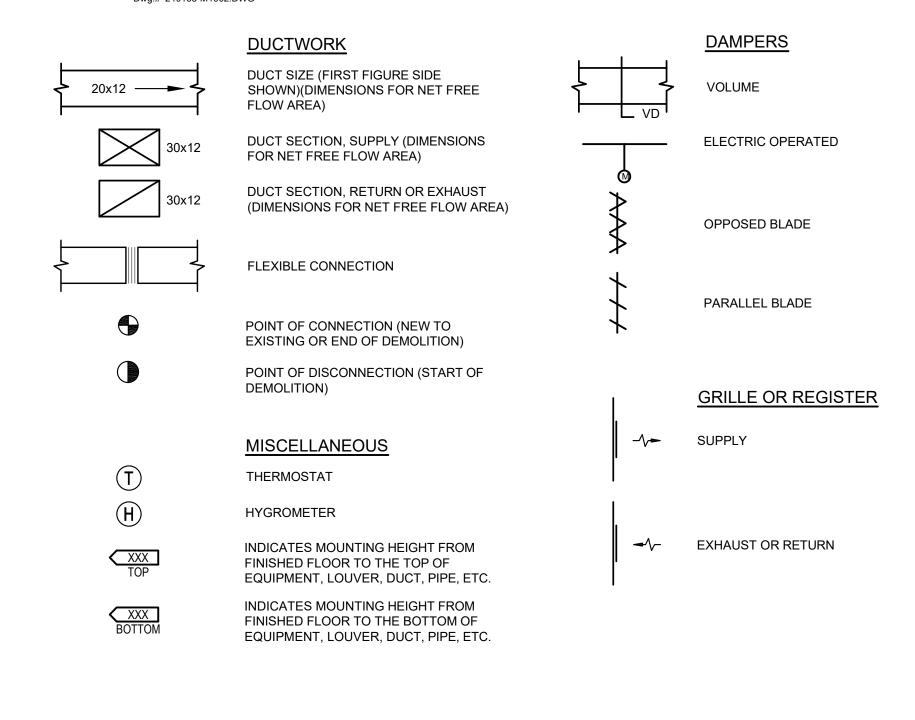


- COORDINATE W/EQUIPMENT MANUFACTURER FOR REGULATOR REQUIREMENTS.
- VENT LINE TERMINATION SHALL BE TURNED DOWN AND PROVIDED WITH INSECT SCREEN PER N.C. CODE REQUIREMENTS.
- . GAS PIPING SHALL BE PRIMED AND PAINTED SAFETY YELLOW.
- PROVIDE INDIVIDUAL VENT LINES FROM EACH INDOOR REGULATOR. DO NOT COMBINE VENTS FROM
- GAS PRESSURE REGULATOR BY MECHANICAL CONTRACTOR EXCEPT WHERE REGULATOR IS RELOCATED W/ EQUIPMENT.

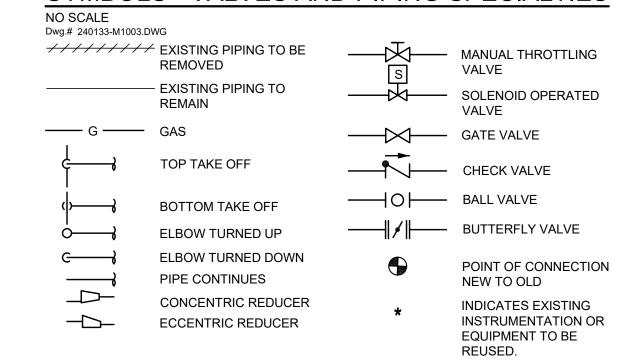
TYPICAL CONNECTION TO **GAS-FIRED EQUIPMENT** NO SCALE Dwg.# 240133-M8001.DWG

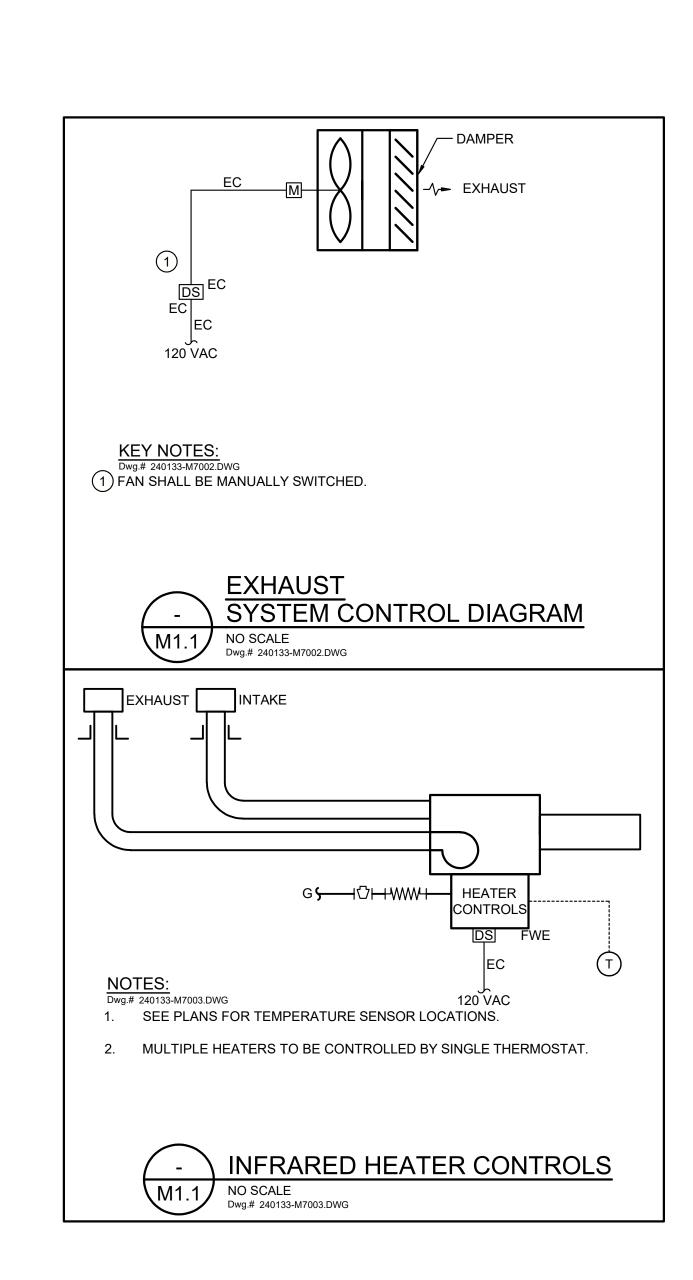
SYMBOLS - AIR MOVING DEVICES AND COMPONENTS:

Dwg.# 240133-M1002.DWG







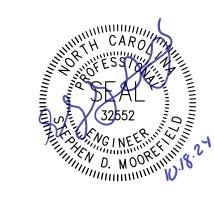




WALTER ROBBS ARCHITECTS, A MICHAEL GRAVES COMPANY 530 N. Trade Street, Suite 301 Winston Salem, NC 27101 T 336.725.1371 MICHAELGRAVES.COM

STRUCTURAL/MEP ENGINEER:





DATE DESCRIPTION
10/18/24 ADDENDUM 1

SHEET NAME:

NOTES AND LEGENDS

MECHANICAL GENERAL

ORIG SUBMISSION:

M1.1