

ADDENDUM NUMBER TWO
REPLACEMENT ROOFING SYSTEMS FOR
NORTH CHATTANOOGA YFD CENTER
406 May Street, Chattanooga, TN 37405
FOR THE CITY OF CHATTANOOGA, TENNESSEE
Contract Number Y-17-013

NOTES FROM THE PRE-BID MEETING

A Pre-Bid Meeting was held at the North Chattanooga YFD Center, 406 May Street, Chattanooga, on September 4, 2018 at 10:00 a.m. A sign-in sheet from the meeting is attached, as is the Agenda from the Pre-Bid Meeting.

A portion of the Summary of Work was read.

1. Replace existing built-up roof with new 60 mil TPO roofing system.
2. Remove all existing stone aggregate, existing insulation, and existing roofing down the roof deck. Remove metal covers over old skylights. Examine decking to insure satisfactory condition before re-roofing. Bring any deficiencies to the attention of the engineer or project manager. Replace or repair damaged decking as needed before installing new roofing system.
3. Add wood blocking at roof perimeter to match new insulation/deck board heights as needed.
4. Install new insulation boards (tapered or flat as needed) and ½" HD Iso Cover Board to decking to meet City Building Codes. New insulation to be fully adhered; no mechanical fasteners allowed.
5. Install new 60 mil TPO roof membrane, fully adhered.
6. Existing flashings, metal edging, coping, external gutters, fascia and fascia extension to be removed and replaced with new 24 gauge Kynar finished metal in color of owner's choice.
7. Install one coat of primer and one coat of elastomeric coating to all galvanized sheet metal and steel piping on the roof in order to protect and preserve these details.
8. Extend pipes and curbs to meet minimum height above finished roof elevation as required by manufacturer.
9. Replace all existing pipe and conduit supports on roof with manufactured appropriate manufactured rooftop supports.
10. Owner will conduct a pre-construction meeting before work will be able to start. The location of laydown areas and dumpsters will be determined at this meeting.
11. Provide a Manufacturer's NDL warranty for 20 years, including all products.
12. Contractor must abide by all specification requirements.

The Bid Schedule was reviewed. It is attached for reference.

Please note that the plans as released were laid out to be printed on 11"x17" paper, not 24"x36" sheets as is common in construction. This was done for ease of carrying the plans into the field.

After the Pre-Bid meeting, the roof was accessed by the contractors present. Any others wanting access to the roof for visual inspection should contact the purchasing Department using form 1-0009, "Request for Bidder Information".

Questions Discussed:

The following questions were asked related to the project:

Q. Where does the break between the old coping and the new coping occur?

A. Place new coping along the edge of the parapet up to where the old coping starts up the sloping section to the upper roof, and run it under the existing coping. Seal as needed for the warranty.

The following items were discussed, with decisions as noted:

The gas line will need to be raised for the new insulation. Where the gas line penetrates the parapet wall from the meter, there may not be sufficient room. How should this be handled?

Regardless of the resulting clearance, contractor is to raise the gas line and take it over the parapet wall with a support block beneath it on the coping.

The caps on the vents for the lightweight concrete decking are damaged in two places, and the third is sealed over. What should be done with these vents?

Contractor is to replace all three vents with new vents per manufacturer's specification and installation instructions.

The drain line from the air conditioner drains to the roof. Should this be extended?

Yes. Contractor is to extend the drain line, with new supports, to drain into the gutter along the edge of the roof,

These changes have all been made in the drawings, and a new sheet is being issued with this addendum to reflect these changes.

September 4, 2018

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

BID SCHEDULE

REPLACEMENT ROOFING SYSTEM FOR NORTH CHATTANOOGA YFD CENTER

Project No. Y-17-013

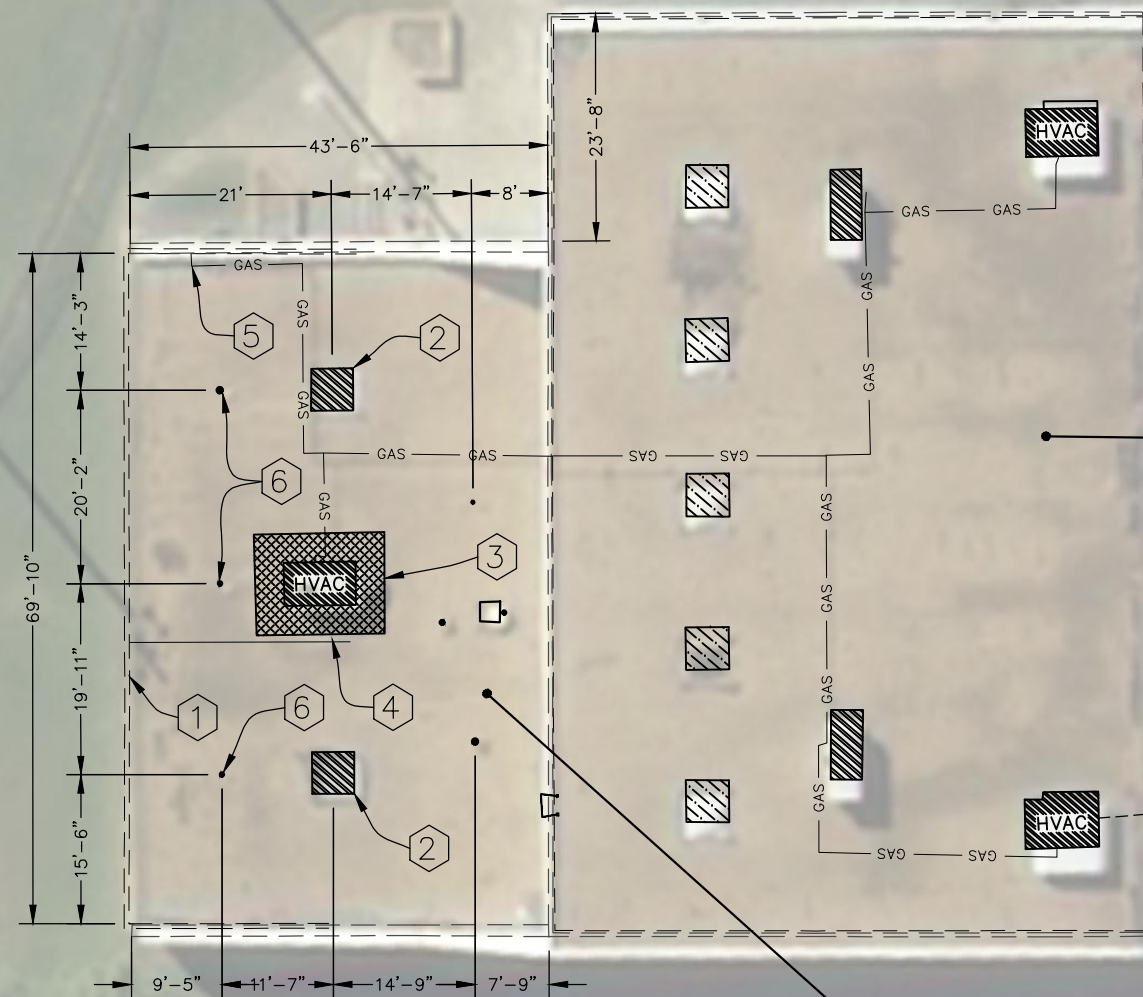
City of Chattanooga, Tennessee

Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
1	Replacement TPO roofing system, roofing and labor including: removal and disposal of old roofing, insulation, flashings, skylight covers, coping and metal trim down to metal decking, new wood blocking, membrane, insulation, HD cover board, walk pads, replacement gutters in kind, metal trim and coping as needed to complete roof system per plans, specs, and manufacturer's requirement, and furnish 20 year warranty	LS	1		
2	Surface clean, install one coat of primer, and one coat of elastomeric coating to all galvanized sheet metal and steel piping on the roof in order to protect and preserve these details.	LS	1		
Total Base Bid					
Conditional Repairs					
1	Remove and replace deteriorated lightweight concrete deck as needed	10	Square foot		
1	Repair deteriorated lightweight concrete deck as needed.	10	Square foot		
1	Remove deteriorated lightweight concrete as needed, infill with ISO as needed.	10	Square foot		

- NOTES:
1. ROOF IS STRUCTURALLY SLOPED FOR DRAINAGE.
 2. INSTALL INSULATION WITH HD COVER BOARD OVER TOP. REPLACE GUTTERS AS NOTED ON THE PLANS.
 3. ALL MATERIALS ARE TO BE INSTALLED FOLLOWING MANUFACTURERS SPECIFICATIONS, NOTIFY OWNER IF THERE ARE ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS & MANUFACTURERS SPECIFICATIONS.
 4. ALL BUILDINGS TO HAVE R-20 WITH A WHITE TPO 60 MIL.
 5. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR.
 6. REMOVE ALL EXISTING STONE AGGREGATE, EXISTING INSULATION & EXISTING MEMBRANE DOWN TO THE ROOF DECK. EXAMINE DECKING TO INSURE SATISFACTORY CONDITION BEFORE RE-ROOFING. BRING ANY DEFICIENCIES TO THE ATTENTION OF THE ENGINEER.
 7. REMOVE METAL COVERS AND CURBING OVER OLD SKYLIGHTS. REPLACE DECKING AS NEEDED.
 8. CONTRACTOR RESPONSIBLE FOR BOTH THE REMOVAL AND DISPOSAL OF EXISTING ROOFING MATERIALS, METAL TRIM, GUTTERS, AND EDGING.
 9. INSULATION AND TPO MEMBRANE SHALL BE FULLY ADHERED TO EXISTING DECKING. NO MECHANICAL FASTENERS SHALL BE PERMITTED.
 10. INSTALL TPO WALKPADS AROUND ALL ROOFTOP AIR CONDITIONING UNITS.
 11. REPLACE ALL EXISTING GUTTERS.
 12. REPLACE ALL EXISTING PIPE AND CONDUIT SUPPORTS WITH APPROPRIATE PROFESSIONALLY DESIGN ROOFTOP SUPPORTS, MIRO INDUSTRIES OR EQUIVALENT.

KEYED NOTES:

1. REPLACE GUTTER ALONG THIS EDGE WITH NEW GUTTER PER SPECIFICATIONS.
2. REMOVE COVERS AND CURBING DOWN TO ROOF DECK. INSTALL NEW DECK PAN AND FILL WITH ISO TO MATCH EXISTING ROOF ELEVATION..
3. INSTALL WALKPADS AROUND A/C UNIT
4. EXTEND A/C DRAIN LINE TO DRAIN TO GUTTER.
5. RAISE GAS LINE TO GO OVER PARAPET WALL, PROVIDE SUPPORT OVER COPING
6. REPLACE CONCRETE VENTS WITH NEW VENTS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.



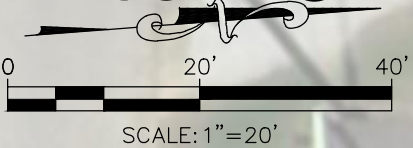
REPLACE THIS
ROOF ONLY

THIS ROOF IS
NOT INCUDED
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CONTRACT

W. BUSH STREET

1 ROOF PLAN
Scale: 1" = 20'

- NOTE 1: ADDED ADDITIONAL PHOTOS, REVISED PAGE NUMBERS
- NOTE 2: ADDED KEYED NOTES 4, 5, AND 6 TO KEYED NOTES SECTION, WITH CORRESPONDING CALL-OUTS ON THE ROOFING PLAN.



CITY OF
CHATTANOOGA

DEPARTMENT OF
PUBLIC WORKS

ADMINISTRATOR:

JUSTIN C. HOLLAND

CITY ENGINEER:

WILLIAM C. PAYNE, P.E.

NO.	DATE	REVISION	DES	SIG.
0	8-8-18	ORIGINAL		AWO
1	8-30-18	SEE NOTE 1		AWO
2	9-4-18	SEE NOTE 2		AWO

NORTH CHATTANOOGA
YFD CENTER
ROOF REPLACEMENT

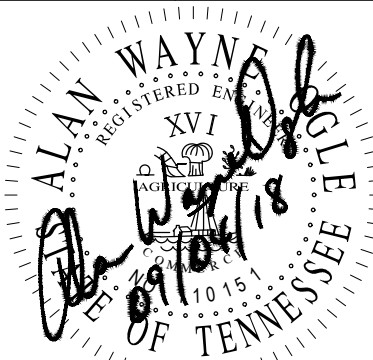
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TN REGISTRATION NO. 110151

ROOF PLAN


SHEET: 2 OF 7

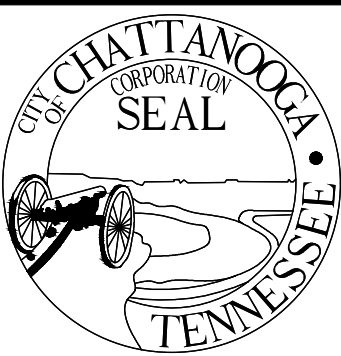


NOTE: THE NUMBERS SHOWN IN THE PICTURES ARE ASSOCIATED WITH THE SURVEY SHOT TAKEN BY THE SURVEYOR AND THEY ARE NOT TO BE USED IN IDENTIFICATION OF ROOF PENETRATION.

 **KEYED NOTES:**

1. LOCATION OF TRANSITION FROM NEW COPING TO OLD COPING. RUN NEW COPING BENEATH OLD AND SEAL AS REQUIRED BY MANUFACTURER.

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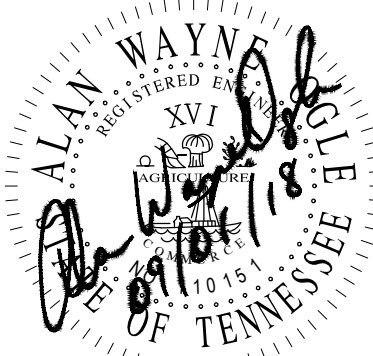


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PICTURES

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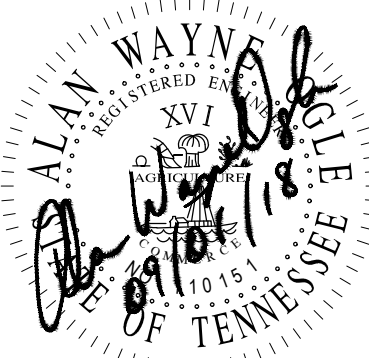


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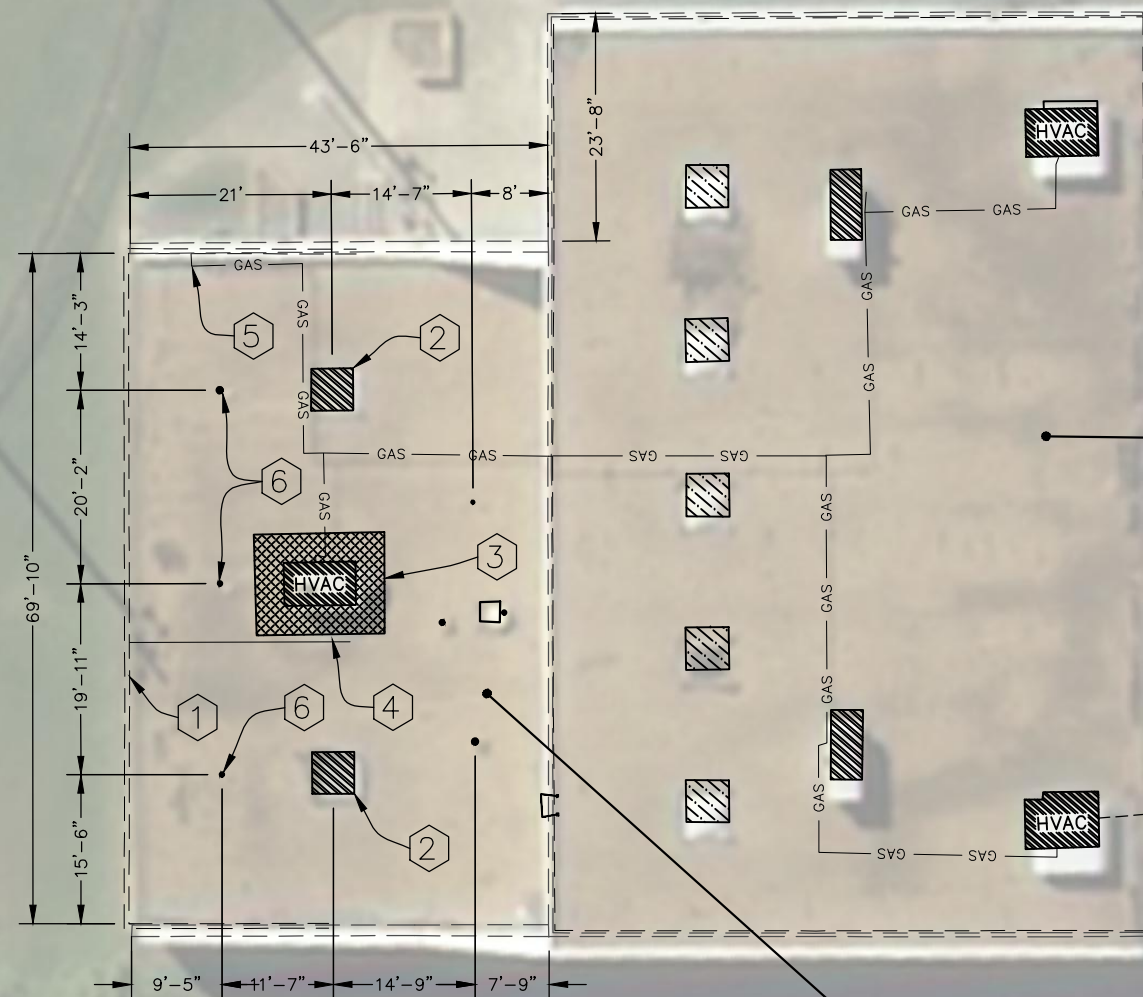
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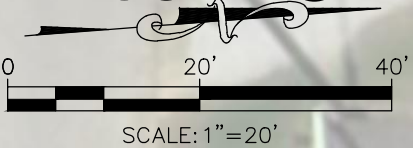
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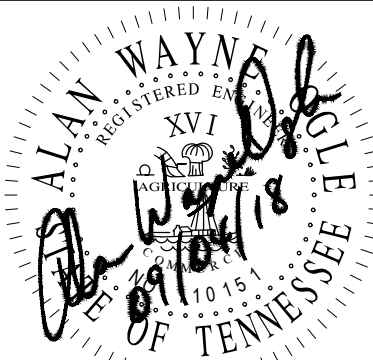
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ROOF PLAN

SHEET: 2 OF 7

ATTENDING PRE-BID CONFERENCE

Bid/Proposal Number: 175361

Replacement Roofing System for North
Chattanooga YFD Center

Opening Date: 09/20/18

Pre-Bid Date: 09/04/18

Name & Company

Email

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