

ADDENDUM NO. 2

DATE: April 2, 2020
TO: All Potential Bidders
FROM: Penny Owens, Purchasing Agent, City of Knoxville
SUBJECT: Addendum No. 2 – Cumberland Estates Recreation Center Roof Replacement

BIDS TO BE OPENED: April 7, 2020*(See Below), at 11:00:00 a.m. (Eastern Time)**

This addendum becomes a part of the Contract Document and modifies the original specifications as noted.

Bid Deadline:

To allow time to issue a report regarding the presence of asbestos containing materials, **the bid deadline has been extended until April 28, 2020 at 11:00:00 a.m. Eastern Time.** Expect a subsequent addendum within 7 days with this information.

Roofing Core Tests:

Attached is the preliminary Existing Roof Plan which indicates the findings from the core tests of the roof.

Roof Access:

Contact Joel Asher (865) 216-0303 to arrange for access to the roof for this facility.

Roof Color:

The allowable colors for this project include the standard grey, tan or white options for the TPO and PVC roof systems.

Operating Hours:

The recreation center will remain open and active during construction. The schedule is subject to change but currently the center is open for summer camp Monday thru Friday, 8am to 4 pm; evening and weekend rental parties are possible. Starting in August the center is open at 10am and closes as late as 9pm, weekend rentals are available.

END ADDENDUM NO. 2



NO.	REVISIONS

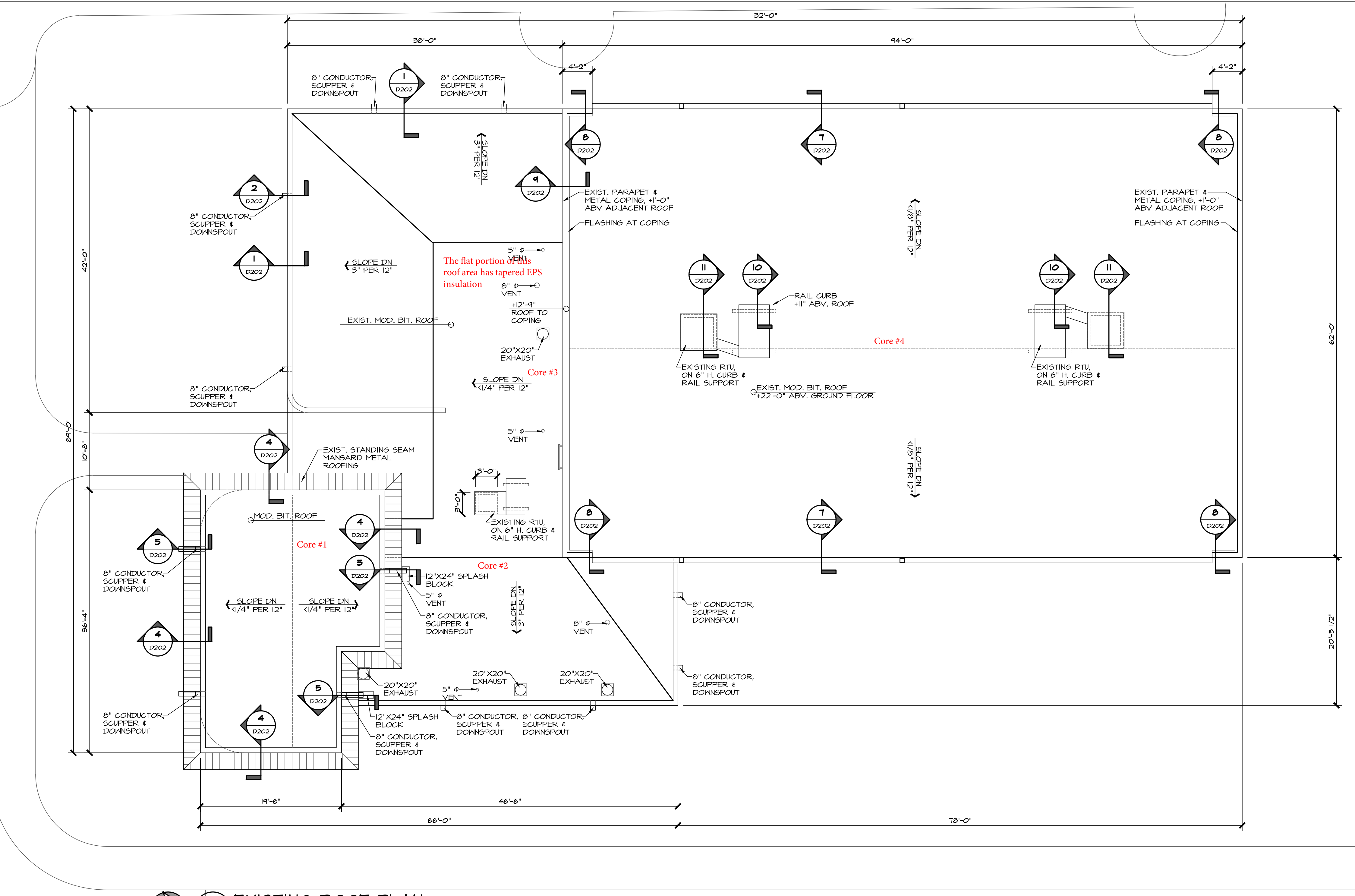
CUMBERLAND ESTATES REC CENTER
 4529 SILVER HILL DR, KNOXVILLE, TN 37921
EXISTING ROOF PLAN

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ISSUE DATE:	DECEMBER 14, 2018
PROJECT NO.:	218175
SHEET NUMBER:	D201



1 EXISTING ROOF PLAN
 SCALE: 1/8" = 1'-0"

APPLICABLE CODES:

- CITY OF KNOXVILLE ZONING ORDINANCE W/ LOCAL AMENDMENTS
- 2009 ICC/ANSI A117.1
- 2010 INTERNATIONAL ENERGY CONSERVATION CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL BUILDING CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL EXISTING BUILDING CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL PERFORMANCE CODE W/ LOCAL AMENDMENTS
- 2011 NATIONAL ELECTRICAL CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL FUEL GAS CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL MECHANICAL CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL PLUMBING CODE W/ LOCAL AMENDMENTS
- 2010 INTERNATIONAL PROPERTY MAINTENANCE CODE
- KNOXVILLE CODE OF ORDINANCES, CHAPTER 6 BUILDING SN BUILDING REGULATIONS, ARTICLE I, SECTION 6-5, FIRE DISTRICT
- 2010 INTERNATIONAL FIRE CODE W/ LOCAL AMENDMENTS

ZONING:
 EXISTING BUILDING: CUMBERLAND ESTATES RECREATION CENTER
 ADDRESS: 4529 SILVERHILL DR, KNOXVILLE, TN 37921
 ZONE: OS-2 PARKS & OPEN SPACE DISTRICT
 OCCUPANCY: ASSEMBLY - 3
 TYPE OF CONSTRUCTION: TYPE II-B
 SPRINKLERED: NON-SPRINKLERED
 BUILDING AREA: 8550 SF EXISTING
 RISK CATEGORY: III
 SEISMIC DESIGN CATEGORY: C

2010 INTERNATIONAL EXISTING BUILDING CODE:
CH 3 PROVISIONS FOR ALL COMPLIANCE METHODS

301.3 THE ALTERATION, ADDITION OR CHANGE OF OCCUPANCY OF ALL EXISTING BUILDINGS SHALL COMPLY WITH ONE OF THE METHODS LISTED IN SECTION 301.3.1, 301.3.2, 301.3.3 AS SELECTED BY THE APPLICANT. SECTIONS 301.3.1 THROUGH 301.3.3 SHALL NOT BE APPLIED IN COMBINATION WITH EACH OTHER.

• EXCEPTION SUBJECT TO THE APPROVAL OF THE CODE OFFICIAL, ALTERATIONS COMPLYING WITH THE LAWS IN EXISTENCE AT THE TIME THE BUILDING OR THE AFFECTED PORTION OF THE BUILDING WAS BUILT SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

301.3.1 PRESRIPTIVE COMPLIANCE METHOD (USED)
 ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY COMPLYING WITH CHAPTER 5 OF THIS CODE IN BUILDING COMPLIING WITH THE INTERNATIONAL FIRE CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

302.3 ADDITIONAL CODES
 ALTERATIONS, REPAIRS, ADDITIONS AND CHANGES OF OCCUPANCY TO, OR RELOCATION OF, EXISTING BUILDINGS AND STRUCTURES SHALL COMPLY WITH THE PROVISIONS FOR ALTERATIONS, REPAIRS, ADDITIONS AND CHANGES OF OCCUPANCY OR RELOCATION, RESPECTIVELY, IN THIS CODE AND THE INTERNATIONAL ENERGY CONSERVATION CODE, INTERNATIONAL FIRE CODE, INTERNATIONAL FUEL GAS CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL PRIVATE SEWAGE DISPOSAL CODE, INTERNATIONAL PROPERTY MAINTENANCE CODE, INTERNATIONAL RESIDENTIAL CODE AND NFPA TO WHERE PROVISIONS OF THE OTHER CODES CONFLICT WITH PROVISIONS OF THIS CODE, THE PROVISIONS OF THIS CODE SHALL TAKE PRECEDENCE.

302.4 EXISTING MATERIALS
 MATERIALS ALREADY IN USE IN A BUILDING IN COMPLIANCE WITH REQUIREMENTS OR APPROVALS IN EFFECT AT THE TIME OF THEIR ERECTION OR INSTALLATION SHALL BE PERMITTED TO REMAIN IN USE UNLESS DETERMINED BY THE BUILDING OFFICIAL TO BE UNSAFE.

302.5 NEW AND REPLACEMENT MATERIALS
 EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS PROVIDED THAT UNSAFE CONDITIONS ARE NOT CREATED, HAZARDOUS MATERIALS SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

[B5] 302.5.1 NEW STRUCTURAL MEMBERS AND CONNECTIONS
 NEW STRUCTURAL MEMBERS AND CONNECTIONS SHALL COMPLY WITH THE DETAILING PROVISIONS OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS OF SIMILAR STRUCTURE, PURPOSE AND LOCATION.

EXCEPTION: WHERE ALTERNATIVE DESIGN CRITERIA ARE SPECIFICALLY PERMITTED.

303 STRUCTURAL DESIGN LOADS AND EVALUATION AND DESIGN PROCEDURES

303.1 LIVE LOADS
 WHERE AN ADDITION OR ALTERATION DOES NOT RESULT IN INCREASED DESIGN LIVE LOAD, EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENTS SHALL BE PERMITTED TO BE EVALUATED AND DESIGNED FOR LIVE LOADS APPROVED PRIOR TO THE ADDITION OR ALTERATION. IF THE APPROVED DESIGN INDICATES THE APPROVED LIVE LOAD, WHERE THE ADDITION OR ALTERATION RESULTS IN INCREASED DESIGN LIVE LOAD, THE LIVE LOAD REQUIRED BY SECTION 1607 OF THE INTERNATIONAL BUILDING CODE SHALL BE USED.

CH 5 PRESRIPTIVE COMPLIANCE METHOD

503 ALTERATIONS

503.1 GENERAL
 EXCEPT AS PROVIDED BY SECTION 302.4, 302.5 OR THIS SECTION, ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS COMPLYING WITH THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION.

503.3 EXISTING STRUCTURAL ELEMENTS CARRYING GRAVITY LOADS
 ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT FOR WHICH AN ALTERATION CAUSES AN INCREASE IN DESIGN DEAD, LIVE OR SNOW LOAD, INCLUDING SNOW DRIFT EFFECTS, OF MORE THAN 5 PERCENT SHALL BE REPLACED OR ALTERED AS NEEDED TO CARRY THE GRAVITY LOADS REQUIRED BY THE INTERNATIONAL BUILDING CODE FOR NEW STRUCTURES. ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT WHOSE GRAVITY LOAD-CARRYING CAPACITY IS DECREASED AS PART OF THE ALTERATION SHALL BE SHOWN TO HAVE THE CAPACITY TO RESIST THE APPLICABLE DESIGN DEAD, LIVE AND SNOW LOADS INCLUDING SNOW DRIFT EFFECTS REQUIRED BY THE INTERNATIONAL BUILDING CODE FOR NEW STRUCTURES.

503.7 ANCHORAGE FOR CONCRETE AND REINFORCED MASONRY WALLS
 WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE BUILDING AREA, THE BUILDING IS ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F AND THE BUILDING'S STRUCTURAL SYSTEM INCLUDES CONCRETE OR REINFORCED MASONRY WALLS WITH A FLEXIBLE ROOF DIAPHRAGM, THE ALTERATION WORK SHALL INCLUDE INSTALLATION OF WALL ANCHORS AT THE ROOF LINE, UNLESS AN EVALUATION DEMONSTRATES COMPLIANCE OF EXISTING WALL ANCHORAGE. USE OF REDUCED SEISMIC FORCES SHALL BE PERMITTED.

CORE CUTS:
 #1 - Tectum Deck, 1.5" flat EPS insulation, 1/2" wood fiber, modified base and cap sheet
 #2 - Tectum Deck, 1/2" wood fiber, modified base and cap sheet
 #3 - Tectum Deck, 3" Tapered EPS insulation, 1/2" wood fiber, mod. base and cap sheet
 #4 - Tectum Deck, 1" flat EPS insulation, 1/2" wood fiber, mod. base and cap sheet.