

# EDINBURG CISD

**PURCHASING DEPARTMENT**  
411 N. 8<sup>th</sup> Ave., Edinburg, TX 78541  
(956) 289-2311, (956) 383-7687

MIGUEL "MIKE" FARIAS, President  
DOMINGA "MINGA" VELA, Vice President  
LETICIA "LETTY" GARCIA, Secretary  
LUIS ALAMIA, Member  
CARMEN GONZÁLEZ, Member  
OSCAR SALINAS, Member  
XAVIER SALINAS, Member

*Dr. Mario H. Salinas, Superintendent*

**ADDENDUM 1**  
CSP 22-133

**Barrientes Middle School Heating & Air Condition (HVAC) Improvements Funded through the Elementary & Secondary Emergency Relief (ESSER) Funds  
August 31, 2022**

I. INSTRUCTIONS:

- A. The following changes, omissions or alterations to the specification and drawings shall be made insofar as the specifications and drawings are inconsistent with following, this addendum shall govern.
- B. Acknowledge receipt of this addendum by inserting its number and date of issue in the place provided for same in the proposal. This addendum forms a part of the Contract Documents.
- C. It is imperative that this addendum be inserted INTO set of specifications.

II. SEE ADDENDUM BELOW:

**Item No. 1 - Asbestos Report:**

- A. PLM Summary Report – See attached.
  - a. ECISD will be responsible for the abatement prior to the start of construction.

**Item No. 2 - See attached.**

Respectfully Submitted,

Amaro Tijerina  
Director of Purchasing

\_\_\_\_\_  
(Signature of authorized officer)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

**Nondiscrimination Statement**

It is the policy of Edinburg CISD not to discriminate on the basis of gender, age, handicap, religion, race, color, or national origin in its educational programs.  
Es poliza del Distrito Escolar de Edinburg el no discriminar por razones con base en genero, edad, religion, raza, color origen nacional, ni discapacidad dentro de sus programas educacionales.

**ADDENDUM #1**  
**ECISD ESSER HVAC IMPROVEMENTS**  
**BARRIENTES MIDDLE SCHOOL**  
**8/31/2022**

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The following items shall become a part of the contract documents. Refer to full or partial sheets referenced and make changes noted. Bidders are responsible for reading all sections of the addendum. The Addendum consists of the following:

**Request For Information (the following items are questions and responses as requested from the bidders)**

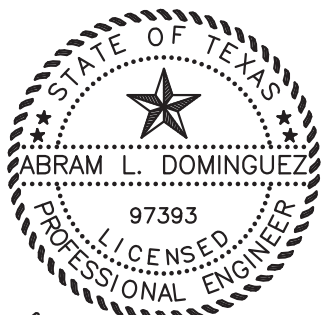
- Item 1 Question: We need further clarification on which specification section to use for the "AAON RTU SCHEDULE" and "RTAHU SCHEDULE".  
Response: "AAON RTU SCHEDULE" shall utilize specification section 15726-Chilled Water Rooftop Units. "RTAHU SCHEDULE" shall utilize specification section 15725-Modular Air Handling Units.

**Mechanical**

- Item 1 As part of alternate #1, the contractor shall furnish the chillers as outlined under specification section "15628-Water Chillers" with microchannel condenser coils (in lieu of copper tube and aluminum fins) and include 5-year full unit parts and labor warranty. Refer to attached specification section "01230-Alternates" and updated Bid Form page 10.
- Item 2 Specification section 15189-HVAC Water Treatment: The contractor shall include in his scope of work the chemical treatment and service as outlined within the specification to include the existing chilled water piping system serving the existing CTE Building. Contractor shall verify condition of existing water quality and treat existing system as required. Existing chilled water piping system shall be cleaned prior to interconnecting of existing piping and new piping system.

**Electrical**

- Item 1 Sheet E3.1, Electrical – Mechanical Equipment Connection Schedule. Revised wire sizes for equipment. Refer to attached drawing.



*Abram L. Dominguez*  
08.31.2022



*Luis Javier Pena*  
08.31.2022



MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS  
600 E. BEAUMONT AVE. SUITE 2 McALLEN, TX 78501 (956) 664-2727  
TEXAS BOARD OF PROFESSIONAL ENGINEERS REGISTRATION # F-9748

## SECTION 01230 - ALTERNATES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

#### 1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
  - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
  - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

#### 1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate No. 1

1. Alternate: As part of alternate #1, the contractor shall furnish the chillers as outlined under specification section "15628-Water Chillers" with microchannel condenser coils (in lieu of copper tube and aluminum fins) and include 5-year full unit parts and labor warranty.

END OF SECTION 01230

**ORIGINAL PROPOSAL FORM MUST BE SUBMITTED ALONG WITH THE PROPOSAL AND CONTRACT DOCUMENTS BOOKLET**

BIDDERS BOND in the amount of \$ \_\_\_\_\_, (5%) of the greatest amount proposal in compliance with the INSTRUCTION TO BIDDERS.

The above Cashier’s Check or Bidder’s Bond is to become the property of the OWNER, in the event the construction contract (when offered by the Owner) and bonds are not executed within the time set forth.

<b>Item No.</b>	<b>Item Description</b>	<b>Total</b>
1.	Base Bid	
2.	Contingency – shall be subject to the Owner’s authorization and written approval of mutually agreed upon amount prior to use.	\$130,000.00
3.	Allowance – Fire Sprinkler Conflicts Allowance	\$15,000.00
4.	Alternate 1 - Chillers with microchannel condensers and 5-year full unit parts and labor	

GRAND TOTAL PROPOSAL IMPROVEMENTS: (Items 1-4): \$ \_\_\_\_\_

The undersigned agrees, unless hereinafter stated otherwise to furnish all materials as shown and specified in the Plans and Specifications. Please attach supplemental spreadsheet detailing equipment, materials, demolition, labor, etc.

Bidder hereby agrees to commence work under this contract within 10 days after “NOTICE TO PROCEED” is issued, and to complete all the work in the Contract within \_\_\_\_\_ **Calendar Days**.

The undersigned bidder acknowledges the receipt of the following addenda:

<b>ADDENDUM NO.</b>	<b>DATE</b>	<b>BY</b>
ADDENDUM NO. 1		
ADDENDUM NO. 2		
ADDENDUM NO. 3		
ADDENDUM NO. 4		

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

MECHANICAL EQUIPMENT	CIRCUIT DESIGNATION	LOCATION	NOTES	DISCONNECTING MEANS AND/OR BRANCH CIRCUIT SIZE
SUB-1E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-2E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-3E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-4E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-5E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-6E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-7E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-8E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-9E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-10E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-11E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-12E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-13E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-14E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-15E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-16E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-17E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-18E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-19E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
SUB-20E	HME-88.70/2	CORRIDOR	4	30/15/3 DISCONNECT 4#6 #106. 1" C
FOU-1/FOU-1	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-1	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-2	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-3	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-4	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-5	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-6	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-7	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-8	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-9	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-10	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-11	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-12	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-13	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-14	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-15	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-16	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-17	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-18	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-19	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-20	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-21	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-22	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-23	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-24	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-25	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-26	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-27	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-28	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-29	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-30	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-31	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-32	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-33	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-34	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-35	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-36	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-37	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-38	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-39	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-40	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-41	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-42	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-43	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-44	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-45	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-46	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-47	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-48	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-49	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-50	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-51	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-52	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-53	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-54	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-55	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-56	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-57	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-58	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-59	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-60	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-61	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-62	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-63	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-64	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-65	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-66	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-67	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-68	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-69	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-70	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C
FOU-71	DISC-24	COY. W/VE	5	30/15/3 DISCONNECT 4#10 #106. 1" C

- A. ALL DISCONNECTS AND COMBINATION STARTERS ARE NEMA 1 ENCLOSED UNO.
  - B. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH DWG. 13 AND FURNISH AND INSTALL POWER FOR CONTROLS. COORDINATE LOCATION OF HVAC CONTROLLERS AND PROPOSED RECEPTS SUCH THAT THEY ARE ROUGH-IN AT SAME LOCATION TO SERVICE ONE ANOTHER.
  - C. FURNISH AND INSTALL NEW WEATHER PROOF RUI RECEPTS, CONNECT BACK TO EXISTING CIRCUIT.
- NOTES:
1. FURNISH AND INSTALL DUCT SMOKE DETECTOR AT SUPPLY & RETURN DUCT. FURNISH AND INSTALL RELAY FOR SHUT DOWN CONTROL.
  2. DUCT SMOKE DETECTORS SHALL BE NFD EXISTING SENSORS FIRE ALARM SYSTEM.
  3. SHALL BE CONTROLLED VIA EMS.
  4. MULTIPLE UNITS SHALL BE CONNECTED TO SINGLE CIRCUIT. FURNISH AND INSTALL LISTED NUMBERS MULTITAP CONNECTORS FOR TAP.
  5. FURNISH AND INSTALL MOTOR RATED SWITCH ABOVE ACCESSIBLE CEILING FOR FOU. FEED THRU FOU.
  6. FURNISH AND INSTALL 20 AMP, 2 POLE CIRCUIT BREAKER AT EXISTING PANEL SPACE. MATCH AIC RATING.
  7. FURNISH AND INSTALL 20 AMP, 1 POLE CIRCUIT BREAKER AT EXISTING PANEL SPACE. MATCH AIC RATING.

**A** ELECTRICAL – MECHANICAL EQUIPMENT CONNECTION SCHEDULE

SCALE: N.T.S.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

MECHANICAL EQUIPMENT	CIRCUIT DESIGNATION	LOCATION	NOTES	DISCONNECTING MEANS AND/OR BRANCH CIRCUIT SIZE
CH-1	MSB3-13.5	CHILLER W/RO		60/-/3 NEMA 3R DISCONNECT 3#250KVAILL #2 3(C)AND PARALLEL RINGS
CH-2	MSB3-7.9.11	CHILLER W/RO		60/-/3 NEMA 3R DISCONNECT 3#250KVAILL #2 3(C)AND PARALLEL RINGS
CH-3	MSB3-13.5.17	CHILLER W/RO		60/-/3 NEMA 3R DISCONNECT 3#250KVAILL #2 3(C)AND PARALLEL RINGS
SP-1	MSB3-2.4.6	PUMP ROOM	2	3#3.486. 1-1/4" C
SP-2	MSB3-8.10.12	PUMP ROOM	2	3#3.486. 1-1/4" C
SP-3	MSB3-14.16.18	PUMP ROOM	2	3#3.486. 1-1/4" C
ROU-1	MSB3-7.9.11	ROOF	12	3#8. #106. 3/4" C
ROU-2	MSB3-13.5.17	ROOF	12	3#8. #106. 3/4" C
ROU-3	MSB3-19.21.23	ROOF	12	3#8. #106. 3/4" C
ROU-4	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-5	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-6	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-7	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-8	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-9	MSB3-20.22.24	ROOF	12	3#6. #106. 3/4" C
ROU-10	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-11	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-12	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-13	MSB3-1.3.5	ROOF	12	3#4.486. 1" C
ROU-14	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-15	MSB3-7.9.11	ROOF	12	3#8. #106. 3/4" C
ROU-16	MSB3-13.5.17	ROOF	12	3#8. #106. 3/4" C
ROU-17	MSB3-19.21.23	ROOF	12	3#8. #106. 3/4" C
ROU-18	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-19	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-20	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-21	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-22	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-23	MSB3-20.22.24	ROOF	12	3#6. #106. 3/4" C
ROU-24	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-25	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-26	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-27	MSB3-1.3.5	ROOF	12	3#4.486. 1" C
ROU-28	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-29	MSB3-7.9.11	ROOF	12	3#8. #106. 3/4" C
ROU-30	MSB3-13.5.17	ROOF	12	3#8. #106. 3/4" C
ROU-31	MSB3-19.21.23	ROOF	12	3#8. #106. 3/4" C
ROU-32	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-33	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-34	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-35	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-36	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-37	MSB3-20.22.24	ROOF	12	3#6. #106. 3/4" C
ROU-38	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-39	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-40	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-41	MSB3-1.3.5	ROOF	12	3#4.486. 1" C
ROU-42	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-43	MSB3-7.9.11	ROOF	12	3#8. #106. 3/4" C
ROU-44	MSB3-13.5.17	ROOF	12	3#8. #106. 3/4" C
ROU-45	MSB3-19.21.23	ROOF	12	3#8. #106. 3/4" C
ROU-46	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-47	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-48	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-49	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-50	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-51	MSB3-20.22.24	ROOF	12	3#6. #106. 3/4" C
ROU-52	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-53	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-54	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-55	MSB3-1.3.5	ROOF	12	3#4.486. 1" C
ROU-56	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-57	MSB3-7.9.11	ROOF	12	3#8. #106. 3/4" C
ROU-58	MSB3-13.5.17	ROOF	12	3#8. #106. 3/4" C
ROU-59	MSB3-19.21.23	ROOF	12	3#8. #106. 3/4" C
ROU-60	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-61	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-62	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-63	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-64	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-65	MSB3-20.22.24	ROOF	12	3#6. #106. 3/4" C
ROU-66	MSB3-14.16.18	ROOF	12	3#8. #106. 3/4" C
ROU-67	MSB3-25.27.29	ROOF	12	3#8. #106. 3/4" C
ROU-68	MSB3-4.10.12	ROOF	12	3#4.486. 1" C
ROU-69	MSB3-1.3.5	ROOF	12	3#4.486. 1" C
ROU-70	MSB3-2.4.6	ROOF	12	3#4.486. 1" C
ROU-71	MSB3-7.9.11	ROOF	12	3#8. #106. 3/4" C
ROU-72	MSB3-13.5.17	ROOF	12	3#8. #106. 3/4" C
ROU-73	MSB3-19.21.23	ROOF	12	3#8. #106. 3/4" C
ROU-74	MSB3-25.2			