

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACA45 02 R 0024
:all amendments may cause rejec- :
:tion of the offer. See FAR : Date of Issue: 09 JUL 2002
:52.215-1 of Section 00100 : **Date of Receiving Phase 2 Proposals:**
: **02 OCT 2002**

Amendment No. 0004
29 August 2002

SUBJECT: **Amendment No. 0004** to Request for Proposal Solicitation Package
for Design and Construction of **REPLACE FAMILY HOUSING, MINOT AFB, ND.**
Solicitation No. DACA45 02 R 0024.

TO: Prospective Offerors and Others Concerned

1. The specifications and drawings for subject project are hereby modified
as follows (revise all specification indices, attachment lists, and drawing
indices accordingly).

a. Specifications. (Descriptive Changes.)

1. **Section 00100, Page 8**, paragraph 14b, after "...will be held at
Minot AFB on 5 September 2002 from 9:00 a.m. to 12:30 p.m." add:
"Assembly will take place in the DG Room at the Jimmy Dolittle
Center." Also, in line 5 of the same paragraph, delete ", place
of assembly".
2. **Section 01000, Page 8-2**, Paragraph 8.2.1, starting at line 4,
delete "If the Contractor develops a new area for housing,
then new water mains and water... shall be sized adequately to
meet the required demands."
3. **Section 01000, Page 8-2**, Paragraph 8.2.3 Criteria, delete
entire contents of this paragraph and substitute:

"All connections made by the Contractor to the existing water
distribution system (water mains) shall be in accordance with Section
01000, PART 2 CRITERIA REFERENCES, all applicable local, state, and
federal standards, and as stated herein.

Spruce Street Extension: If the Contractor determines it is necessary
to develop the Spruce Street Extension, new water mains shall be
provided. Water mains shall be designed and constructed in accordance
with the references listed in Section 01000, PART 2 CRITERIA REFERENCES
and applicable UFGS requirements. The piping pressure class is 150 psi
for water system. Water mains shall be considered as that part of the
water system supplying fire hydrants. Water mains are valved so that
not more than two hydrants will be out of service due to a single break
in the water distribution system. Isolation valves shall be installed
such that interruptions to service can be confined to no more than 10
family housing units or one-half of street or cul-de-sac. Isolation

valves shall be easily accessible and as a minimum shall be at the intersection of mains.

Services Lines: The Contractor is required to provide new water service lines to all new family housing units. Service lines shall be designed and constructed in accordance with the references listed in Section 01000, PART 2 CRITERIA REFERENCES and applicable UFGS requirements. Pipes supplying groups of dwelling units or one housing unit exclusively shall be referred to as service lines. The water service system shall be sized to accommodate for the domestic demand required for the new Family Housing Units served. The water domestic demand shall be in accordance with the Uniform Plumbing Code Fixture Count Method. The sizing of the waterline pipe diameter shall be determined by using Hazen-Williams "C" value of 130 for plastic pipe and 120 for other pipe material. A maximum velocity of 10 feet per sec shall be used for metallic pipe, and 5 feet per sec shall be used for nonmetallic piping.

General: In accordance with NFPA 24, new water mains and service lines shall have a minimum of 8 feet of cover from the existing ground surface, or from the finished grade, whichever is lower, to the top of the pipe. The Contractor shall be responsible for protection of the existing water main line where the new water service line is to be connected. If any water line is damaged during construction, the repair shall be made by and at the Contractor's expense in a satisfactory manner. The Contractor shall notify and coordinate with the Contracting Officer prior to replacement of this portion of the water main. The Contractor shall disinfect all new water lines and any remaining lines that do not remain fully pressurized during construction or connection. The water line piping shall be disinfected in accordance with the American Association Standard AWWA C-651 and shall not be considered complete until two consecutive days of bacteriological samples show no contamination."

4. Section 01000, Page 8-8, Paragraph 8.4.1, line 3, after "In accordance with NFPA 24, new water mains and service lines shall have a minimum of 8 feet" add "of cover".
5. Section 01000, Page 9-17, Paragraph 9.10.5, delete first two sentences and substitute:

"Living room, dining room, family room, arctic room and hallways not adjacent to the bedrooms shall have VCT. Bathrooms, laundry room, utility room and kitchen shall be commercial grade sheet vinyl with wood or sheet vinyl base."
6. Section 01000, Page 9-21, Paragraph 9.13.5, at the end of the paragraph add "For additional soffit and attic ventilation requirements see paragraph 9.13.14 ATTIC VENTILATION."
7. Section 01000, Page 9-22,
 - a) Paragraph 9.13.9, paragraph title, delete "BITUMINOUS WATERPROOFING" and substitute "BITUMINOUS DAMPPROOFING". In addition, change the Part 9, Index to match.
 - b) Line 1, delete "bituminous waterproofing system" and

substitute "bituminous dampproofing system".

c) Line 2, after "and garage walls." add "Bituminous dampproofing shall be terminated 2-inches below finish grade. At it's termination point the bituminous dampproofing shall be fastened to the foundation wall with a continuous plastic termination bar that is mechanically fastened to the foundation wall with corrosion resistant fasteners. The termination assembly shall be in accordance with the manufacturers recommendations and shall prevent the passage of water into the bituminous dampproofing system."

8. Section 01000, Page 9-22, Paragraph 9.13.13, line 1 and 2, delete "exterior side of bituminous waterproofing." And substitute "exterior side of bituminous dampproofing as a protection board for the bituminous dampproofing system. Perimeter insulation in contact with the bituminous dampproofing shall be a product approved for such us by the bituminous dampproofing manufacturer."

9. Section 01000, Page 9-23, Table 9-11, Note 6, line 2, delete "whichever is less." and substitute "whichever is less and which also provides full coverage of the bituminous dampproofing system." Line 3, delete "waterproofing membrane" and substitute "dampproofing membrane".

10. Section 01000, Page 9-24, Prior to Paragraph 9.14 GLAZED OPENINGS insert the following new paragraph:

"9.13.14 ATTIC VENTILATION

Attic roof and soffit ventilation shall be provided. The preferred method for providing ventilation of the attic space is with the use of low-profile metal vents with baffles on the roof surfaces, which are not exposed to view from the street side of the units, in conjunction with ventilated soffits. All roof and soffit venting shall be designed to keep rain and snow from entering the attic and it shall be provided with insect screening or a filter system to prevent the entrance of insects. Attic roof vents shall be of all metal construction, and shall be self-flashing to insure leak-proof installation. Attic ventilation shall be sized and uniformly spaced to provide 1/150 total net clear opening ventilation area of the total attic area. Attic ventilation areas shall be increased accordingly for screens and louvers so as to provide the required clear opening ventilation requirements. Soffit ventilation shall be 60% of the total attic ventilation with the remaining 40% of the attic ventilation being provided by roof ventilation. The Contractor shall coordinate the inlet and outlet areas available for attic ventilation with his or her architect to insure proper air flow. For additional exterior soffit requirements see paragraph 9.13.5 EXTERIOR SOFFITS."

11. Section 01000, Page 9-28, Paragraph 9.18.3 a), delete "3 pair of hinges and a pair of lever extension flush bolts top and bottom of inactive leaf, with bottom bolt into dust proof strike at threshold." and substitute "1-1/2 pair hinges." Also, Paragraph 9.18.3 e), delete "1-1/2 pair of self-closing

ball-bearing hinges," and substitute "1-1/2 pair of self-closing UL labeled hinges,".

- 12. Section 01000, Page 10-4**, Paragraph 10.5.2, first sentence, delete "in accordance with IBC." and substitute "in accordance with IBC and PART 9 - HOUSING UNIT DESIGN/CONSTRUCTION, paragraph 9.13.9 BITUMINOUS DAMPPROOFING." Second sentence, delete "10.5.5b" and substitute "10.5.6b".

b. Drawings (Not Reissued). The following drawing sheets of drawing code AF 711-90-02 are revised as indicated below with latest revision date of 28 August 2002. These drawings are not reissued with this amendment.

1. Revise drawing sheets P1.18, R1.18 and P1.38 in accordance with attached sketches.

2. This amendment is a part of the proposing papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the request for proposal remain unchanged. If the proposals have been mailed prior to receiving this amendment, you will notify the office where proposals are received, in the specified manner, immediately of its receipt and of any changes in your proposal occasioned thereby.

a. Hand-Carried Proposals shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Proposals shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

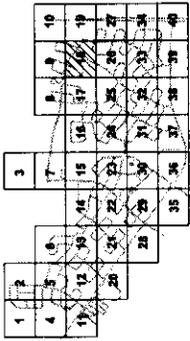
3. Proposals for Phase 2 will be received until 1400 hours, local time at place of receiving proposals, 02 OCT 2002.

Attachments:

Sketches listed in 1b. above

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

29 August 2002
mrp/4413



- LEGEND
- NEW DUPLEX HOUSING UNITS
 - NEW SINGLE HOUSING UNITS (HC)
 - EXISTING ROAD SURFACE TO BE MILLED AND OVER-LAID
 - PHASE 8 HOUSING LIMIT
 - PHASE 9 HOUSING LIMIT

NOTES:

1. Site layout of new housing units on these drawings is provided to illustrate the potential density of placing duplex units on the existing site. The contractor shall locate all duplex housing units along the existing streets of the project site to the greatest extent possible following the set-back requirements outlined in the REP. Any duplexes that do not fit on the existing site shall be located in the proposed Spruce Street Extension Area as shown on the drawings. The housing site layout is not intended to dictate the actual housing layout proposed by the Contractor.
2. The Spruce Street Extension Area shown (also on sheets C1.38 and C1.39) is to be performed only if the required number of proposed new housing units cannot be located on the available empty lots resulting from the removal of the existing housing units (see Removal sheets).

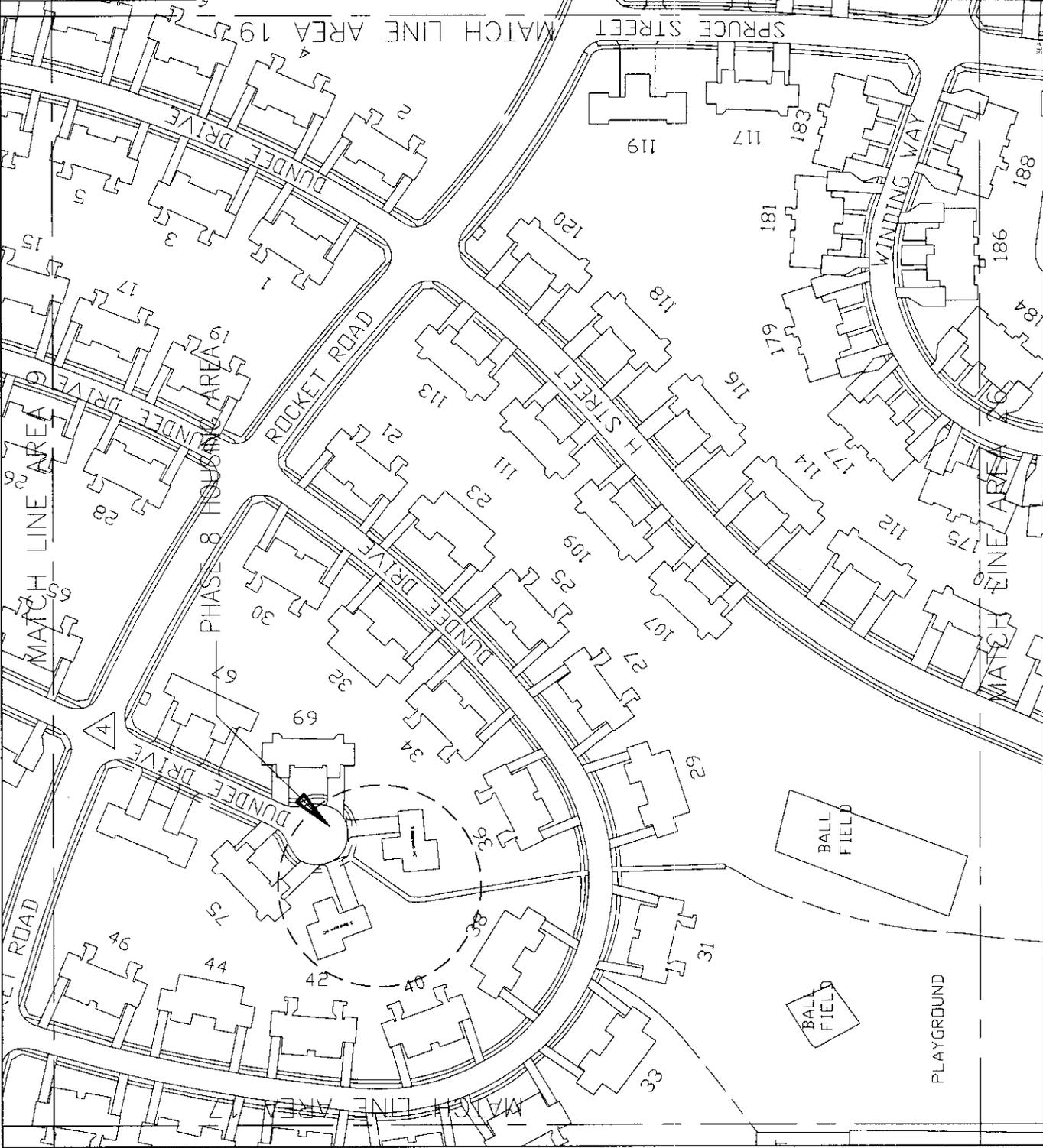
AREA 18

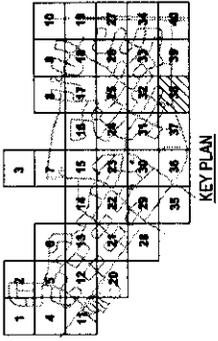
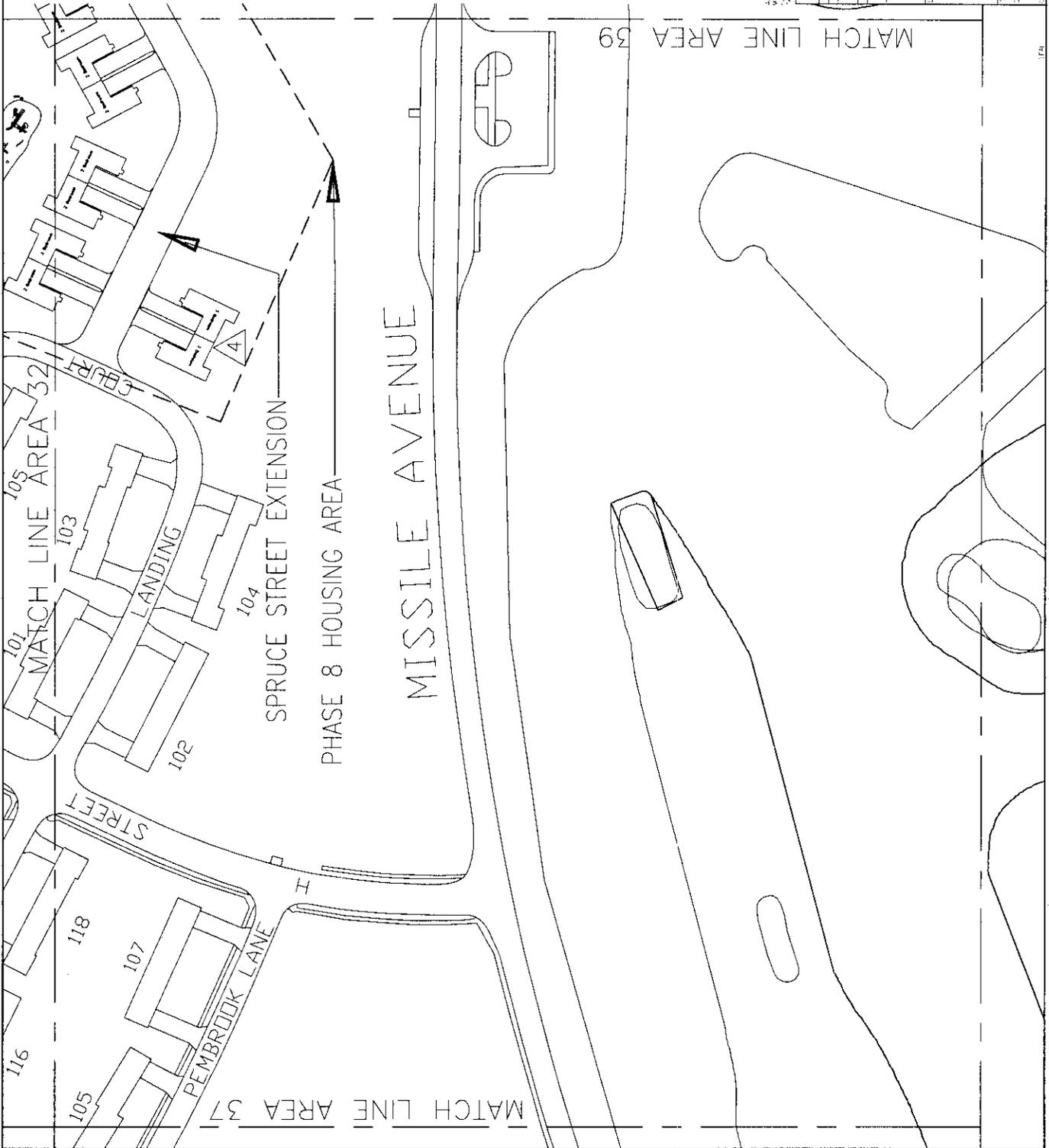
SCALE 1 INCH = 50 FEET

ALL RIGHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.

\$\$\$ - THINK VALUE ENGINEERING - \$\$\$

DATE	28-AUG-02
PROJECT	REPLACE FAMILY HOUSING
CLIENT	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
LOCATION	NORTH DAKOTA
PROJECT NO.	AF 711-90-02
DATE	28-AUG-02
BY	
CHECKED BY	
APPROVED BY	
SCALE	1" = 50'
SHEET NO.	P1.18





- LEGEND**
- NEW DUPLEX HOUSING UNITS
 - NEW SINGLE HOUSING UNITS (HC)
 - EXISTING ROAD SURFACE TO BE MILLED AND OVER-LAYED
 - PHASE 8 HOUSING LIMIT
 - PHASE 9 HOUSING LIMIT

NOTES:

1. Site layout of new housing units on these drawings is provided to illustrate the potential density of placing duplex units on the existing site. The contractor shall locate all duplex housing units along the existing streets of the project site to the greatest extent possible following the set-back requirements outlined in the RFP. Any duplexes that do not fit on the existing site shall be located in the proposed Spruce Street Extension Area as shown on the drawings. The housing site layout is not intended to dictate the actual housing layout proposed by the Contractor.
2. The Spruce Street Extension Area shown (also on sheets C1.38 and C1.39) is to be performed only if the required number of proposed new housing units cannot be located on the available empty lots resulting from the removal of the existing housing units (see Removal Streets).

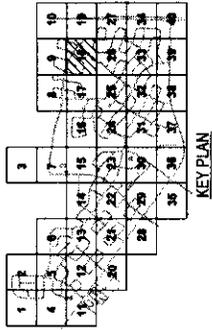
AREA 38

SCALE: 1"=40'± 30' FEET

\$\$\$ - THINK VALUE ENGINEERING - \$\$\$

U.S. ARMY ENGINEER DISTRICT
CORPUS CHRISTI, TEXAS
OMAHA, NEBRASKA

WARRANT		NORTH DAKOTA	
REPLACE FAMILY HOUSING		NEW HOUSING SITE PLAN	
AREA 38		AREA 38	
Drawn by:	Checked by:	Scale:	Sheet:
10/11/90	10/11/90	1"=40'± 30' FEET	P. 1.38
Project No.:	Contract No.:	AF 711-90-02	



MATCH LINE AREA 19

AREA 18

SCALE 1 INCH = 50 FEET

ALL STREET SHOWN ARE BASED ON A STANDARD DRAWING, SCALE OF 1/4" = 100' BY THE U.S. ARMY ENGINEER DISTRICT OFFICE, WASHINGTON, D.C. THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.

33 - THINK VALUE ENGINEERING - 33

DELETED REMOVAL NOTE
U.S. ARMY ENGINEER DISTRICT OFFICE
FORT BELLEVILLE, ILLINOIS
OMAHA, NEBRASKA

21-AUG-07

REPLACE FAMILY HOUSING
REMOVAL PLAN
AREA 18

NORTH DAKOTA

AF 711-90-02 R1.18

PROJECT NO. AF 711-90-02 R1.18

DATE 21-AUG-07

BY [Signature]

CHECKED BY [Signature]

DATE 21-AUG-07

