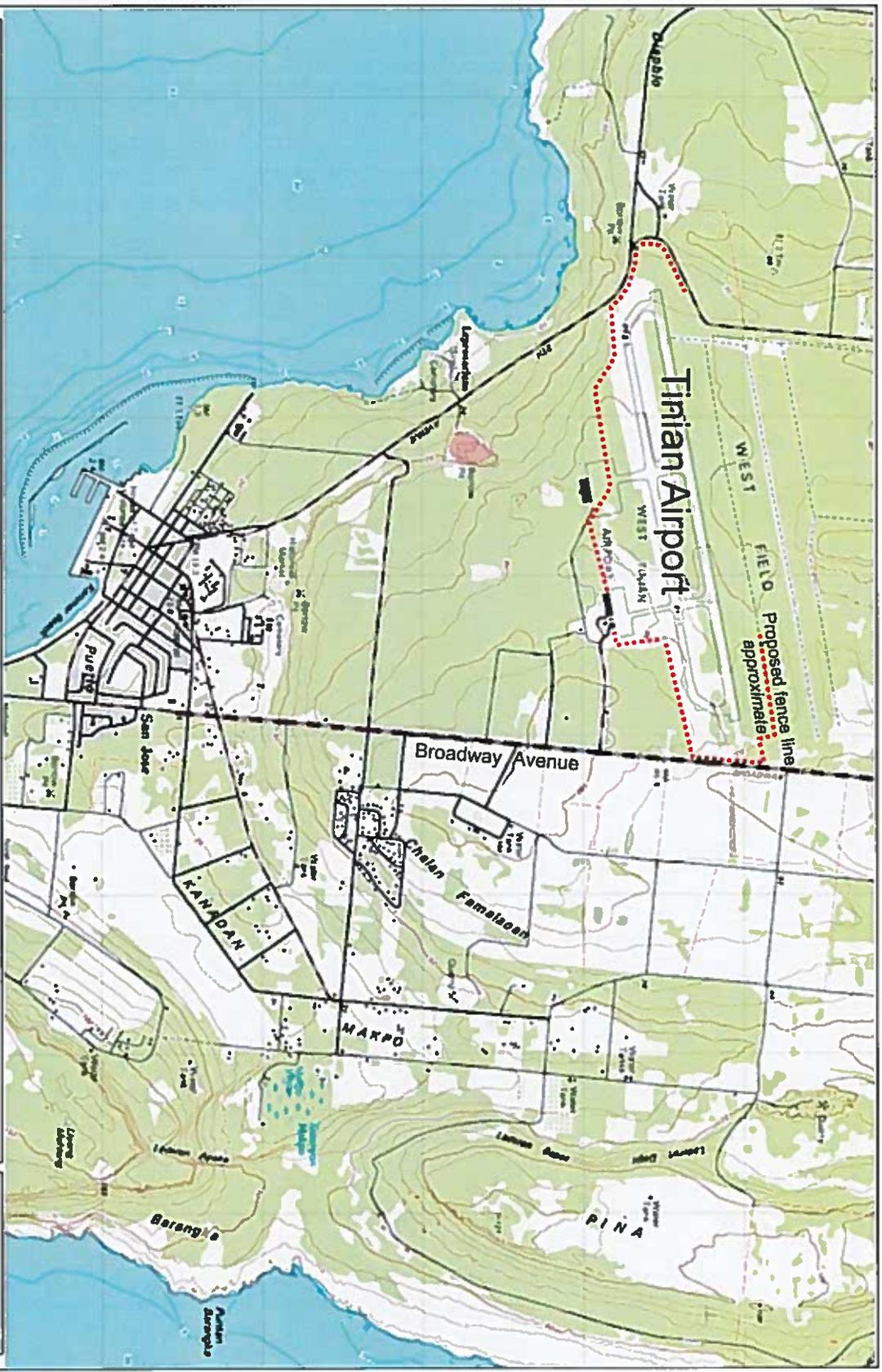


TINIAN AIRPORT PERIMETER FENCE REPLACEMENT PROJECT

SCOPE OF WORK:

The proposed action involves installation of approximately 17,900 linear feet of new, 9 gauge (2-inch mesh) chain link fence around the perimeter of the Tinian Airport. The security fence will stand 8 feet in height and have three-strand barbed wire along the top as added security. Fence poles will be positioned no more than 10 feet on centers with a 3-foot wide concrete slab on grade for weed control. Three existing access gates will be replaced- Charlie, Delta and Foxtrot Gates. After removal, the old fence will be stored on site by Commonwealth Ports Authority.

TINIAN AIRPORT PERIMETER SECURITY FENCE REPLACEMENT PROJECT



General Vicinity of Project Site – Tinian Airport

modified from 1999 USGS topographic map of Tinian

Micronesian Environmental Services

Date: April 2019

Figure No: 1

TINIAN AIRPORT PERIMETER SECURITY FENCE REPLACEMENT PROJECT



Aerial Photograph of the Vicinity of Project Site

modified from Google earth aerial photograph taken on 14 March 2016

Micronesian Environmental Services

Date:

April 2019

Figure No:

2

TINIAN AIRPORT PERIMETER SECURITY FENCE REPLACEMENT PROJECT



Close-Up Aerial Photo of Proposed Fence Line Alignment

modified from Google earth aerial photograph taken on 30 December 2017

Micronesian Environmental Services

Date:

April 2019

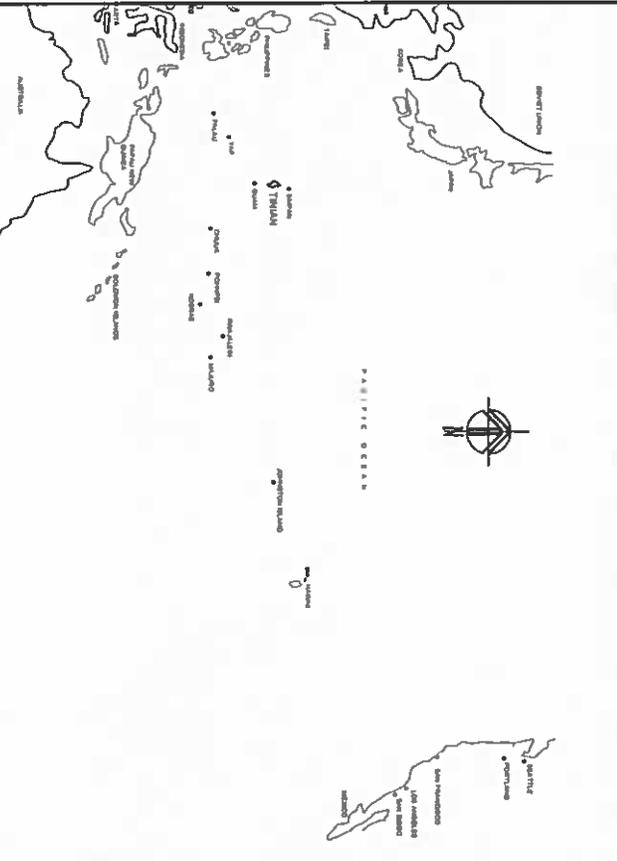
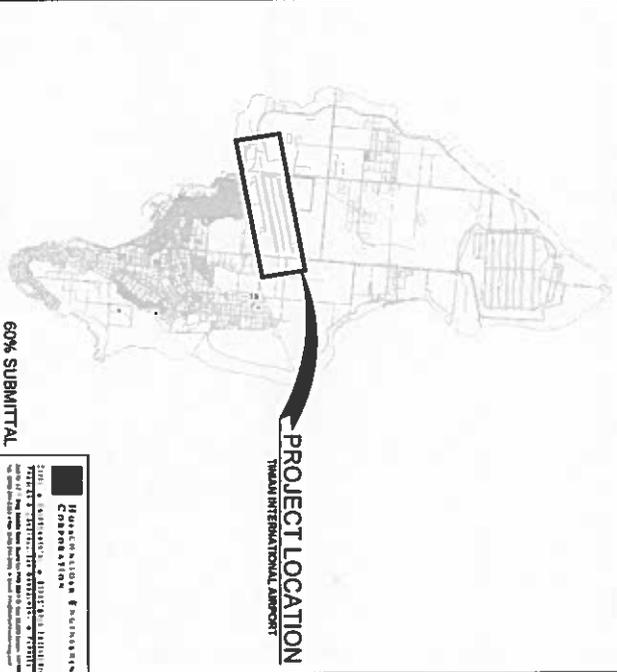
Figure No:

3

TINIAN INTERNATIONAL AIRPORT PERIMETER FENCE REPLACEMENT

CPA-TA-001-19

**COMMONWEALTH PORTS AUTHORITY
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS**

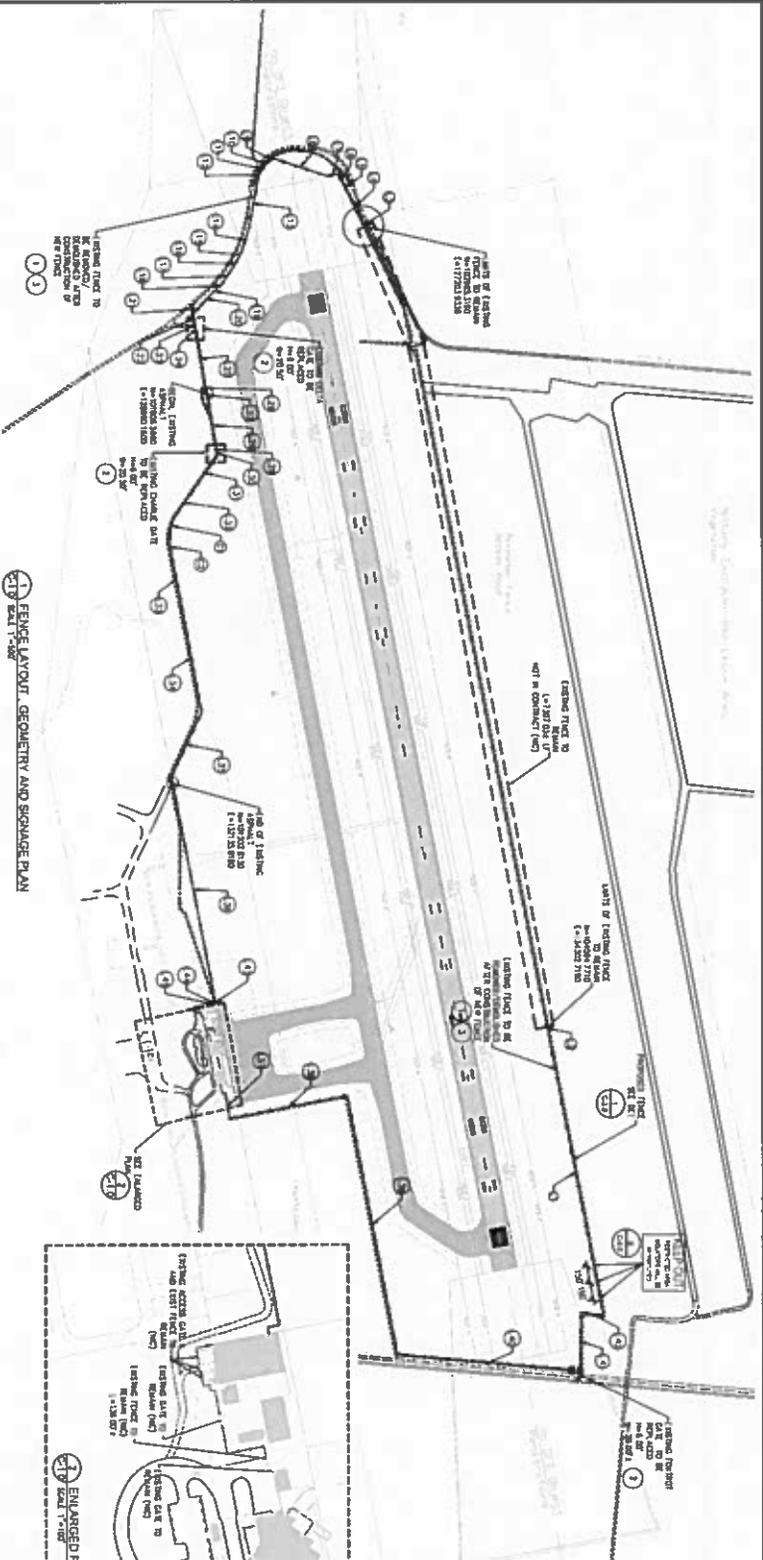
| <p style="text-align: center;">LOCATION MAP NTS</p>  | <p style="text-align: center;">ISLAND MAP OF TINIAN NTS</p>  <p style="text-align: center;">PROJECT LOCATION TINIAN INTERNATIONAL AIRPORT</p> | <p style="text-align: center;">APPROVAL</p> <div style="text-align: center; margin-top: 20px;"> <p>_____ KIMBERLYN KING-HINDS CPA BOARD CHAIRMAN/CONTACTING OFFICER</p> <p>_____ CHRISTOPHER S. TENORIO CPA EXECUTIVE DIRECTOR</p> </div> <div style="margin-top: 20px;"> <p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> </div> <div style="margin-top: 20px;"> <p>60% SUBMITTAL</p> <p>60% SUBMITTAL</p> </div> <div style="margin-top: 20px;"> <p>60% SUBMITTAL</p> <p>60% SUBMITTAL</p> </div> | NO. | DATE | DESCRIPTION | | | | | | | | | |
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| NO. | DATE | DESCRIPTION | | | | | | | | | | | | |
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COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS
COMMONWEALTH PORTS AUTHORITY
TINIAN INTERNATIONAL AIRPORT
PERIMETER FENCE REPLACEMENT

PROJECT TITLE LOCATION MAP ISLAND MAP OF TINIAN AND APPROVAL SUBMITTALS

CPA-TA-001-19

G-1



LEGEND

Approved Fence
 Existing Fence
 Fence to be removed after construction of new fence
 Fence to be removed after construction of new fence
 Fence to be removed after construction of new fence

CONSTRUCTION LEGEND

1 - Approximate fence location of proposed fence
 2 - Existing fence to be removed and replaced
 3 - New fence to be installed after replacement of proposed fence

NOTES:

1. On to replace existing fence with the proposed fence.
 2. New fence to be installed after replacement of existing fence.
 3. Existing fence to be removed after replacement of existing fence.
 4. New fence to be installed after replacement of existing fence.
 5. Existing fence to be removed after replacement of existing fence.
 6. New fence to be installed after replacement of existing fence.
 7. Existing fence to be removed after replacement of existing fence.
 8. New fence to be installed after replacement of existing fence.
 9. Existing fence to be removed after replacement of existing fence.
 10. New fence to be installed after replacement of existing fence.

FENCE LAYOUT, GEOMETRY AND SIGNAGE PLAN

| Lot #/Block / Section | Area | Start Address | End Address | Prop. Address | Description |
|-----------------------|--------|---------------|-------------|---------------|-------------|
| C1 | 211.42 | 210.52 | 210.52 | 210.52 | Fence |
| C2 | 180.71 | 179.81 | 179.81 | 179.81 | Fence |
| C3 | 150.00 | 149.10 | 149.10 | 149.10 | Fence |
| C4 | 120.29 | 119.39 | 119.39 | 119.39 | Fence |
| C5 | 90.58 | 89.68 | 89.68 | 89.68 | Fence |
| C6 | 60.87 | 59.97 | 59.97 | 59.97 | Fence |
| C7 | 31.16 | 30.26 | 30.26 | 30.26 | Fence |
| C8 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |

FENCE LAYOUT, GEOMETRY AND SIGNAGE PLAN

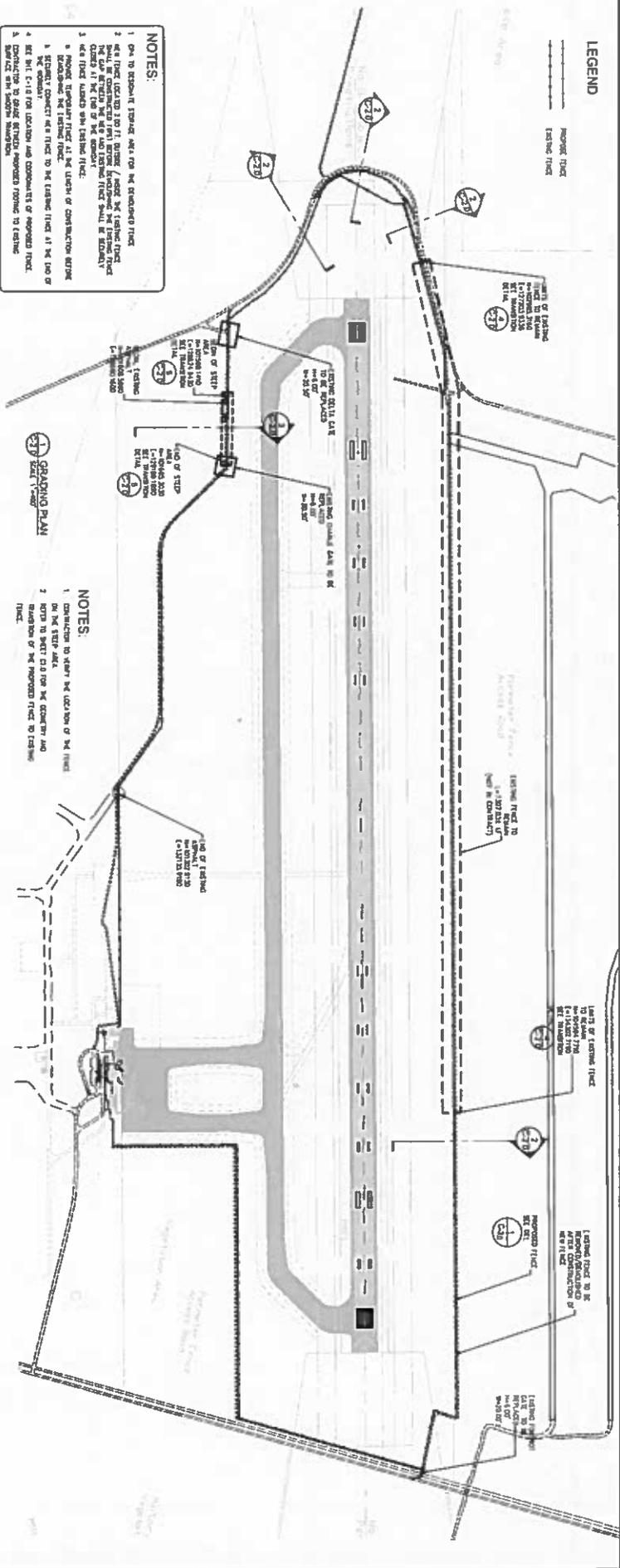
| Lot #/Block / Section | Area | Start Address | End Address | Prop. Address | Description |
|-----------------------|------|---------------|-------------|---------------|-------------|
| C9 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C10 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C11 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C12 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C13 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C14 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C15 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C16 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C17 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C18 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |

FENCE LAYOUT, GEOMETRY AND SIGNAGE PLAN

| Lot #/Block / Section | Area | Start Address | End Address | Prop. Address | Description |
|-----------------------|------|---------------|-------------|---------------|-------------|
| C19 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C20 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C21 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C22 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C23 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C24 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C25 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C26 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C27 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |
| C28 | 1.45 | 0.55 | 0.55 | 0.55 | Fence |

LEGEND

Proposed Fence
Existing Fence

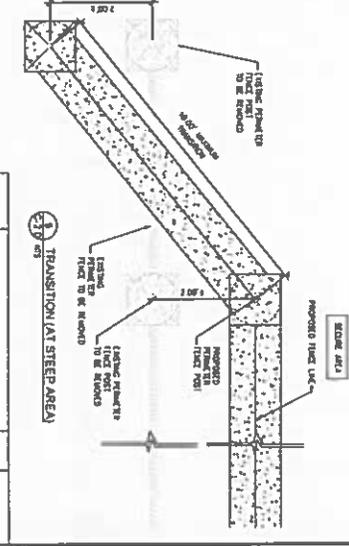
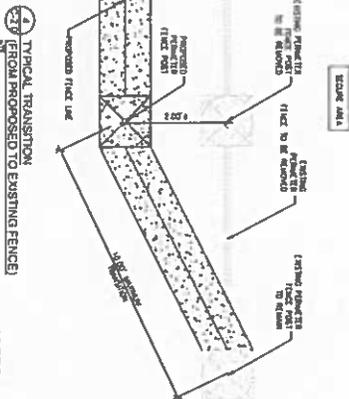
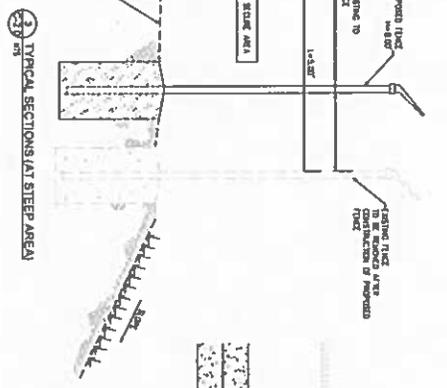
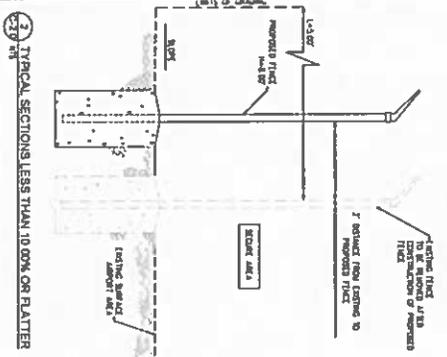


NOTES:

1. PER TO EXISTING FENCE AND FOR BE EXISTING FENCE.
2. SEE FENCE LOCATED TO IT, BRIDGE / ROAD, OR EXISTING FENCE SHALL BE CONSIDERED PART OF THE EXISTING FENCE. THE EXISTING FENCE SHALL BE MAINTAINED AND NOT TO BE REMOVED.
3. SEE FENCE LOCATED TO THE EXISTING FENCE.
4. PROPOSED FENCE SHALL BE CONSIDERED AS THE EXISTING FENCE.
5. PROPOSED FENCE SHALL BE CONSIDERED AS THE EXISTING FENCE.
6. SEE SHEET C-2.0 FOR LOCATIONS AND DIMENSIONS OF PROPOSED FENCE.
7. CONSTRUCTION TO START THE LOCATION OF THE FENCE.
8. SEE SHEET C-2.0 FOR THE EXISTING AND PROPOSED FENCE TO EXISTING FENCE.

NOTES:

1. CONSTRUCTION TO START THE LOCATION OF THE FENCE.
2. SEE SHEET C-2.0 FOR THE EXISTING AND PROPOSED FENCE TO EXISTING FENCE.



NOTES:

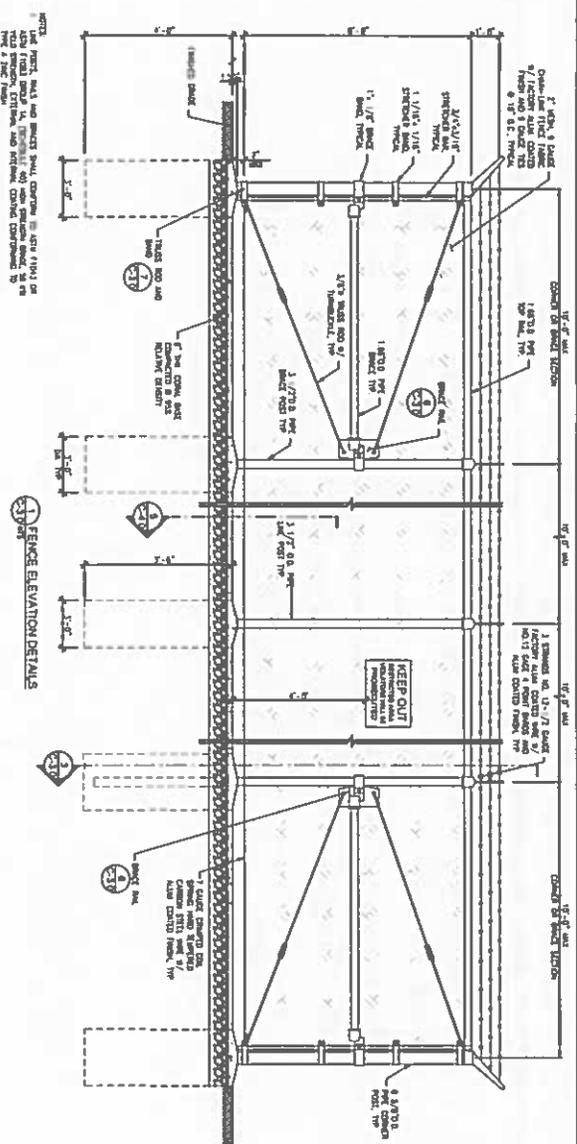
1. SEE SHEET C-2.0 FOR THE EXISTING AND PROPOSED FENCE TO EXISTING FENCE.

60% SUBMITTAL

Heckman Engineers & Constructors
Civil & Construction, Electrical, Mechanical, Plumbing, Fire Protection, and Environmental Engineering
10000 West 10th Avenue, Suite 100, Denver, CO 80202
Phone: 303.755.1100
www.heckmaneng.com

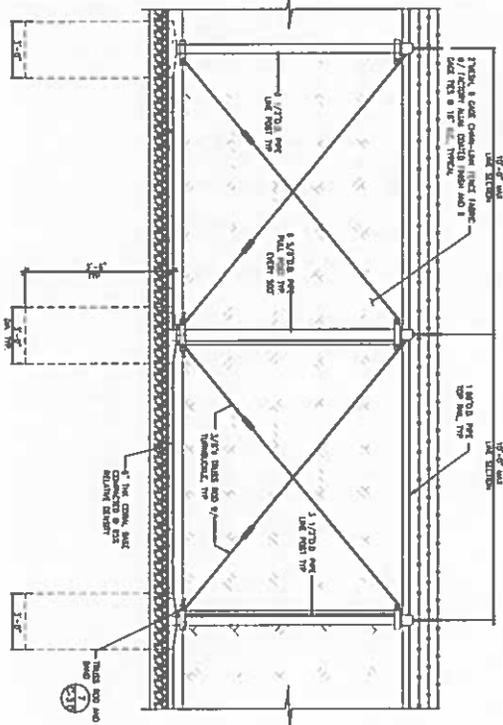
COMMUNITY OF THE NORTH
MANUAL & BLVD
COMMERCIAL IN NORTH AVENUE
TRANSITION FENCE RELOCATION

C-2.0

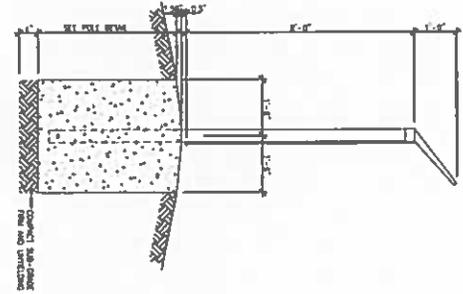


1 FENCE ELEVATION DETAILS

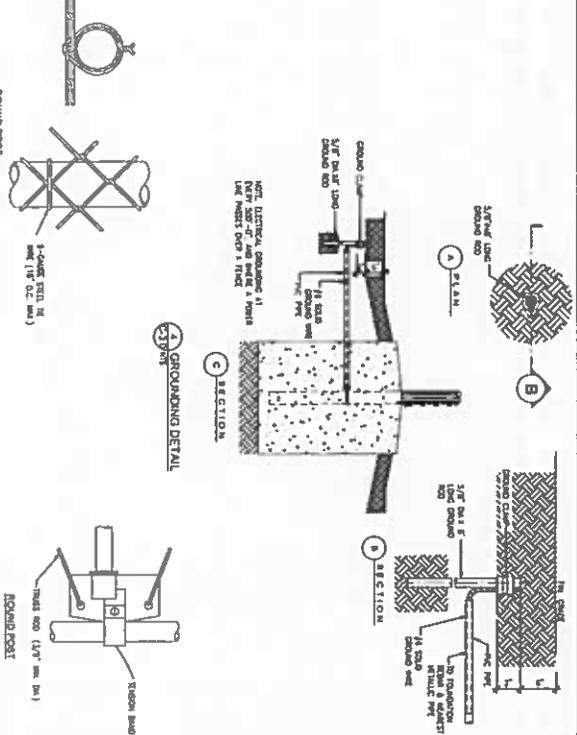
1. REINFORCE CONCRETE BASE WITH 1/2" DIA. BARS AT 12" ON CENTER. PROVIDE 4" MIN. COVER TO ALL BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS.
2. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS.
3. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS. PROVIDE 1/2" DIA. BARS AT 12" ON CENTER TO REINFORCE THE 1/2" DIA. BARS.



2 FENCE ELEVATION DETAILS (AT EVERY 500'-0")



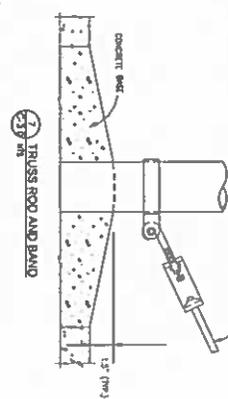
3 SECTION



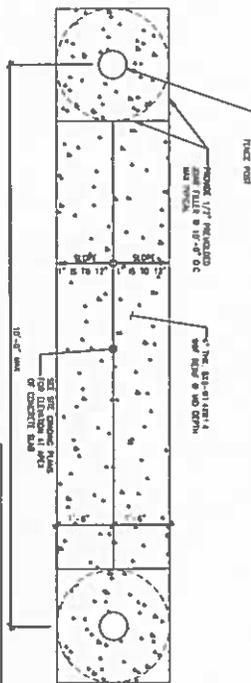
4 GROUNDING DETAIL

5 LINE POST ATTACHMENTS

6 BRACE RAIL CLAMP DETAILS



7 TRUSS ROD AND BAND



8 DETAILED PLAN

60% SUBMITTAL

DESIGNED BY: [Logo]
 CONSULTING ENGINEERS
 1000 [Address]
 [City, State, Zip]

COMMISSIONED BY: THE ARIZONA
 AIRPORT AUTHORITY
 1000 [Address]
 [City, State, Zip]

C-3-0

