

# CITY OF VALDEZ VALDEZ COAST GUARD CITY SIGN VALDEZ, ALASKA


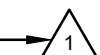
GENERAL  
G001 GENERAL INFORMATION

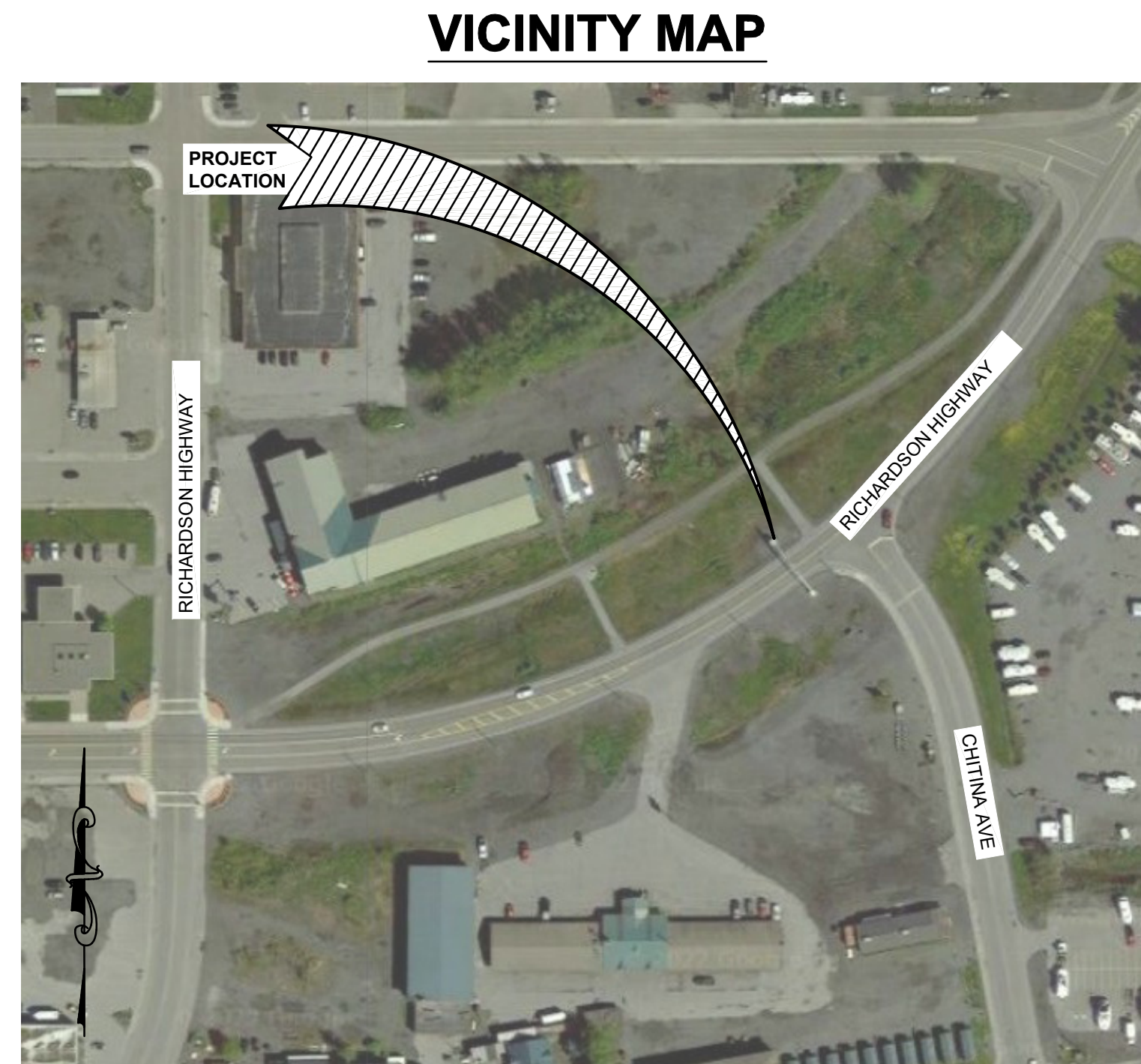
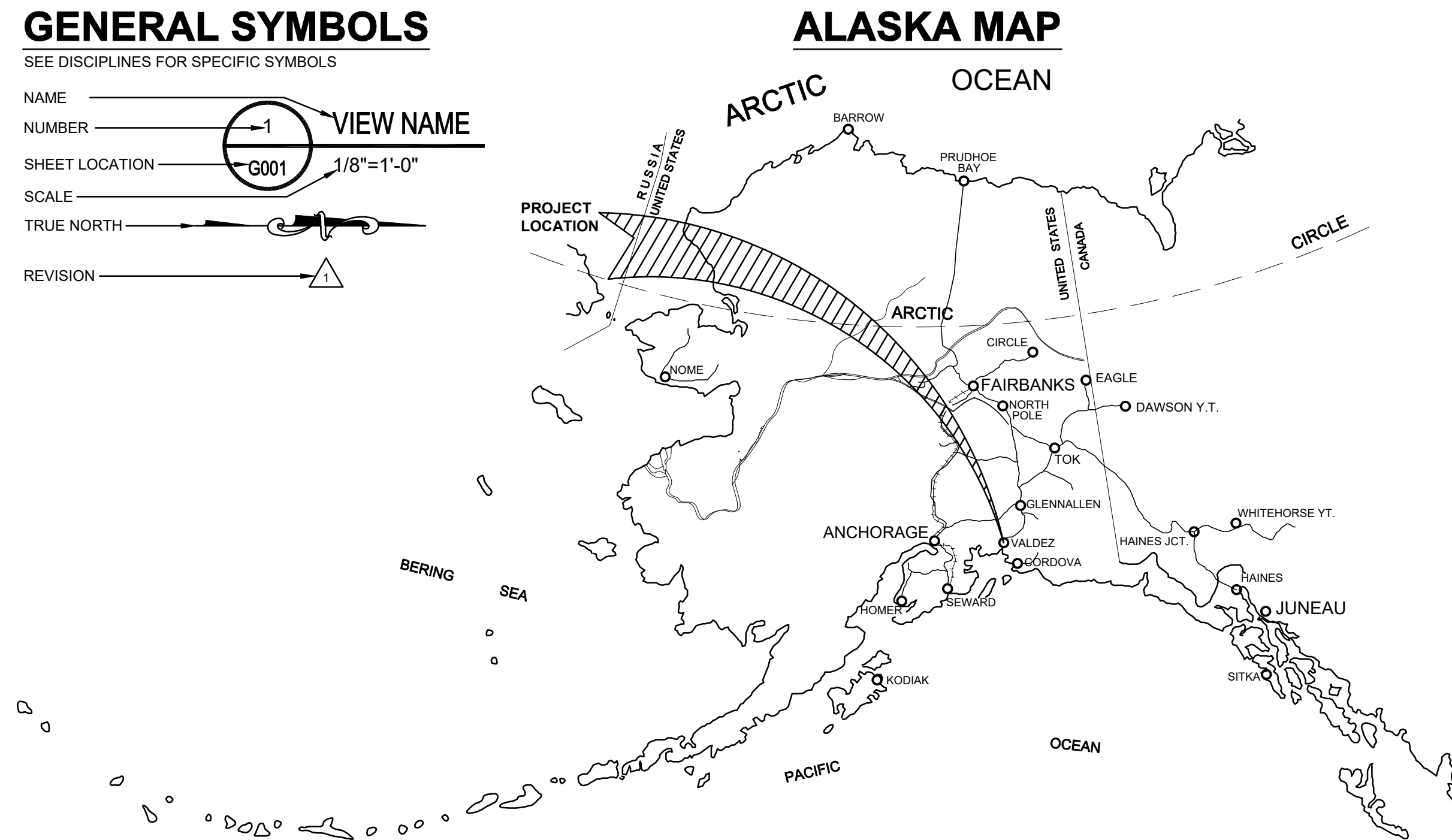
LANDSCAPE  
L200 SIGN DETAILS  
L201 SIGN LOCATION

STRUCTURAL  
S001 GENERAL STRUCTURAL NOTES

## GENERAL SYMBOLS

SEE DISCIPLINES FOR SPECIFIC SYMBOLS

NAME \_\_\_\_\_  
NUMBER \_\_\_\_\_  
SHEET LOCATION **G001**  
SCALE 1/8"=1'-0"  
TRUE NORTH   
REVISION 



## PROJECT TEAM

**OWNERS REPRESENTATIVE**  
CITY OF VALDEZ  
CAPITAL FACILITIES DIRECTOR  
NATHAN DUVAL  
PIONEER FIELD SUITE 201  
VALDEZ, ALASKA 99686  
907 835-5478  
nduval@valdezak.gov

**LEAD DESIGNER**  
DESIGN ALASKA  
PROJECT MANAGER  
JOHN ROWE, ASLA  
601 COLLEGE ROAD  
FAIRBANKS, ALASKA 99701  
907 452-1241  
johnr@designalaska.com

## CODE SUMMARY

**GOVERNING CODES**  
AASHTO LTS-6

**AUTHORITY HAVING JURISDICTION**  
STATE OF ALASKA

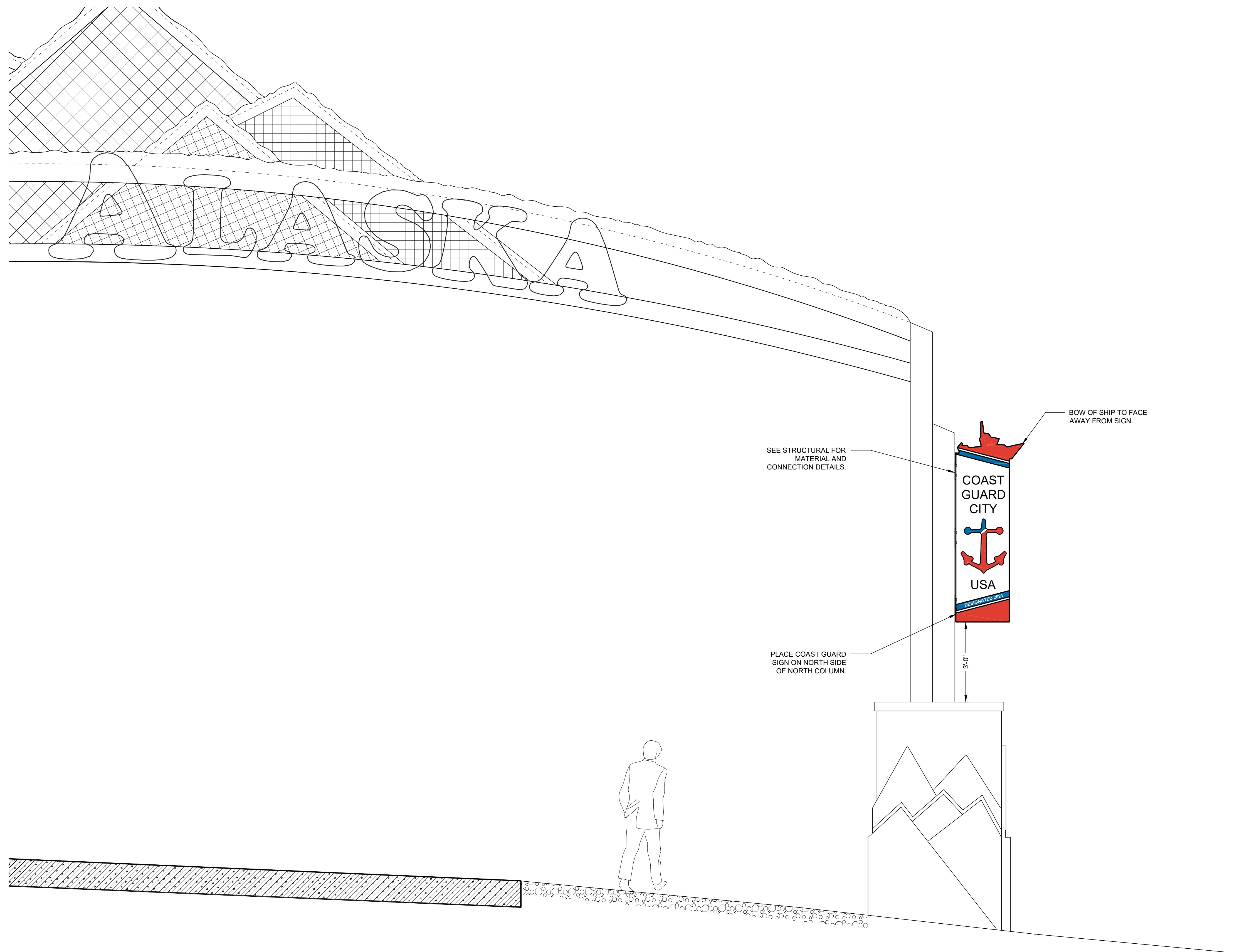
1 MOUNTING REV 27-MAY-2022

VALDEZ COAST  
GUARD CITY SIGN

ISSUE DATE 27 APR 2022  
COMM. NUMBER 002131  
DESIGNED BY -  
DRAWN BY -  
SCALE 0" = 1"

GENERAL  
INFORMATION

**G001**



1 SIGN LOCATION  
L201 NO SCALE



1 MOUNTING REV 27-MAY-2022

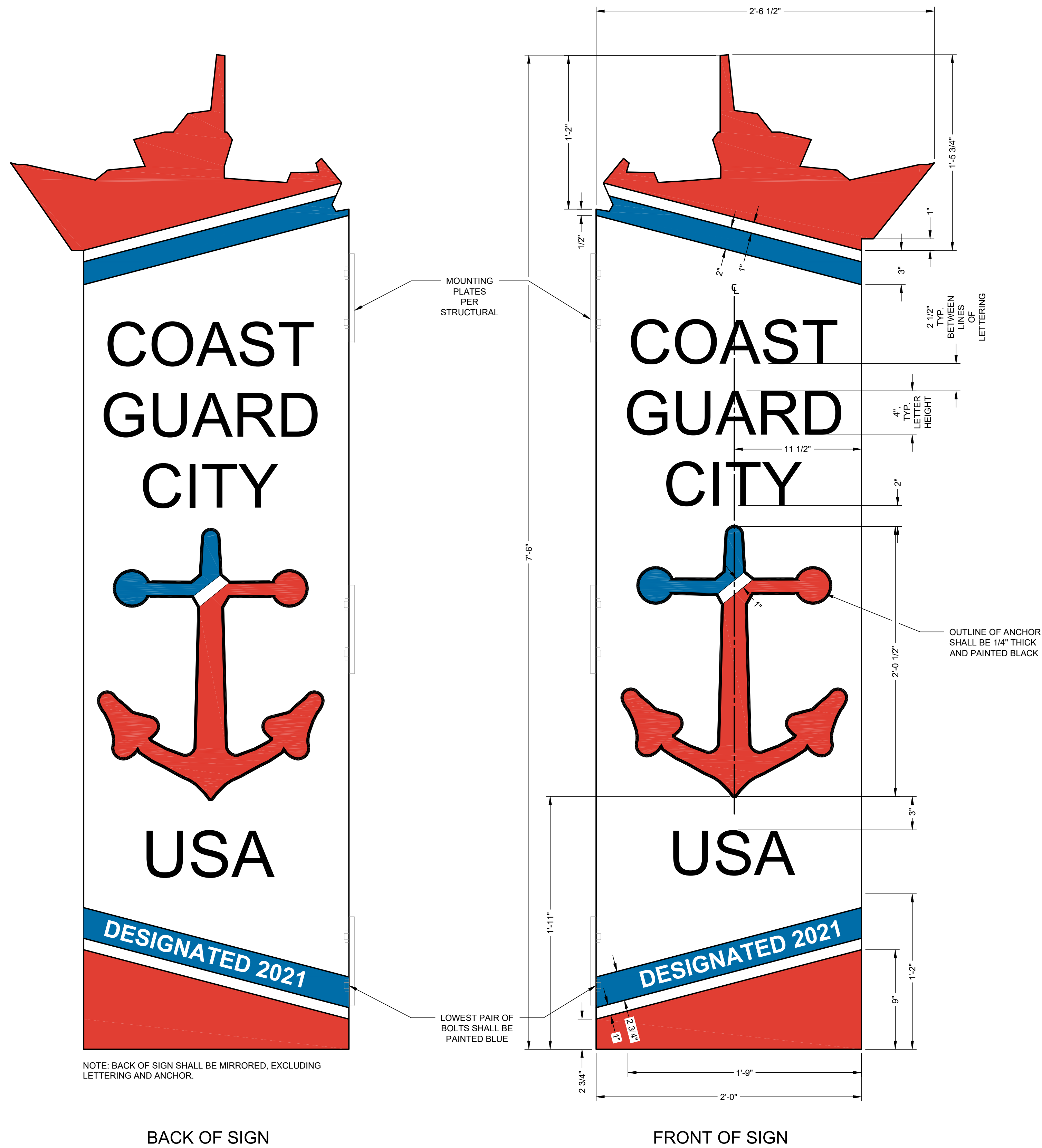
## VALDEZ COAST GUARD CITY SIGN

ISSUE DATE 27 APR 2022  
COMM. NUMBER 002131  
DESIGNED BY EBC  
DRAWN BY CBP  
SCALE 0" = 1"

## SIGN LOCATION

# L201





NOTE: BACK OF SIGN SHALL BE MIRRORED, EXCLUDING LETTERING AND ANCHOR.

### LEGEND

	WHITE
	RED
	BLUE
	BLACK

### SIGN NOTES

- ALL AREAS TO RECEIVE BLUE PAINT SHALL BE ENGRAVED 1/16". THE RECESSED PORTION AND VERTICAL SIDES SHALL BE PAINTED BLUE.
- ALL AREAS TO RECEIVE RED PAINT SHALL BE ENGRAVED 1/16". THE RECESSED PORTION AND VERTICAL SIDES SHALL BE PAINTED RED.
- PAINT COLORS SHALL WRAP AROUND EDGE OF SIGN. SUPPORT PLATES SHALL BE PAINTED WHITE. BOLTS SHALL BE PAINTED WHITE UNLESS OTHERWISE LABELED ON DETAIL.
- FONT: NEUZEIT GROTESK BOLD

### PAINTING NOTES

- A. PAINT SYSTEM: EXTERIOR PAINT FOR METAL SIGN:
- CLEAN, SAND, AND PREPARE SURFACE PER MANUFACTURER'S RECOMMENDATION TO RECEIVE FINISH, INCLUDING FACE OF GALVANIZED BOLTS TO BE PAINTED.
  - ONE COAT OF EPOXY PRIMER; SHERWIN WILLIAMS MACROPOXY 646 OR APPROVED EQUAL.
- B. ONE COAT OF EPOXY TOP COAT, ACROLON 218 HS OR APPROVED EQUAL. USE COLORS DESIGNATED IN PARAGRAPH F. COLORS.
- C. PAINTS AND COATINGS: READY MIXED, UNLESS INTENDED TO BE A FIELD-CATALYZED COATING
- PROVIDE PAINTS AND COATINGS OF A SOFT PASTE CONSISTENCY, CAPABLE OF BEING READILY AND UNIFORMLY DISPERSED TO A HOMOGENEOUS COATING, WITH GOOD FLOW AND BRUSHING PROPERTIES, AND CAPABLE OF DRYING OR CURING FREE OF STREAKS OR SAGS.
  - SUPPLY EACH COATING MATERIAL IN QUANTITY REQUIRED TO COMPLETE ENTIRE PROJECT'S WORK FROM A SINGLE PRODUCTION RUN.
  - DO NOT REDUCE, THIN, OR DILUTE COATINGS OR ADD MATERIALS TO COATINGS UNLESS SUCH PROCEDURE IS SPECIFICALLY DESCRIBED IN MANUFACTURER'S PRODUCT INSTRUCTIONS.
- D. PRIMERS: WHERE THE MANUFACTURER OFFERS OPTIONS ON PRIMERS FOR A PARTICULAR SUBSTRATE, USE PRIMER CATEGORIZED AS "BEST" BY THE MANUFACTURER.
- E. VOLATILE ORGANIC COMPOUND (VOC) CONTENT:
- PROVIDE COATINGS THAT COMPLY WITH THE MOST STRINGENT REQUIREMENTS SPECIFIED IN THE FOLLOWING:
    - 40 CFR 59, SUBPART D-NATIONAL VOLATILE ORGANIC COMPOUND EMISSION STANDARDS FOR ARCHITECTURAL COATINGS.
  - DETERMINATION OF VOC CONTENT: TESTING AND CALCULATION IN ACCORDANCE WITH 40 CFR 59, SUBPART D (EPA METHOD 24), EXCLUSIVE OF COLORANTS ADDED TO A TINT BASE AND WATER ADDED AT PROJECT SITE; OR OTHER METHOD ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- F. COLORS
- RED: PMS 179 C
  - BLUE: PMS 307 C
  - WHITE
  - BLACK
- G. SUBMITTALS: PRODUCT DATA, MANUFACTURER'S INSTRUCTIONS, AND MOCK UP OF PAINTED SUBSTRATE WITH ALL COLORS PRESENT FOR APPROVAL BY LANDSCAPE ARCHITECT.

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### SIGN DETAIL

L200

1 SIGN DETAIL  
L200 NO SCALE

# GENERAL STRUCTURAL NOTES

## A. DESIGN CRITERIA

1. BUILDING CODE.....	AASHTO LRFD LTS-1
GOVERNING JURISDICTION.....	STATE OF ALASKA
2. WIND LOADS	
CLASSIFICATION.....	ROADSIDE SIGN ON COLUMN OF OVERHEAD SIGN BRIDGE
ULTIMATE DESIGN WIND SPEED $V_{ULT}$ .....	113 MPH (10-YEAR MRI)
GLOBAL WIND LATERAL FORCE.....	0.5 KIP

## B. STRUCTURAL STEEL

- ANGLES AND PLATES SHALL BE ASTM A36 ( $F_y = 36$  KSI).
- ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC STEEL CONSTRUCTION MANUAL.
- WELDING SHALL BE PERFORMED WITH E70XX ELECTRODES. WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE-STEEL, LATEST EDITION. ALL WELDS ARE INTENDED TO BE CONTINUOUS UNLESS NOTED OTHERWISE.

## C. GENERAL

- CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS TO MATCH NEW CONSTRUCTION TO EXISTING CONSTRUCTION.
- THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OR SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO: BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES FOR PROCEDURE OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO (NOR SHALL OBSERVATION VISITS TO THE SITE INCLUDE INSPECTION OF THESE ITEMS.)
- STRUCTURAL DRAWINGS ARE A PORTION OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO BE USED WITH THE DRAWINGS OF OTHER DISCIPLINES AS APPLICABLE TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS FROM THESE DISCIPLINES INTO THEIR SHOP DRAWINGS AND WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SCAFFOLDING, BRACING AND SHORING.
- DO NOT USE SCALED DIMENSIONS TAKEN FROM STRUCTURAL DRAWINGS. CONTACT STRUCTURAL ENGINEER IF DIMENSIONAL INFORMATION IS MISSING.
- ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ALASKA.

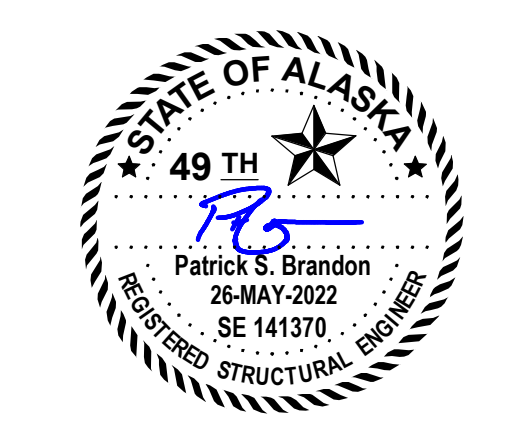
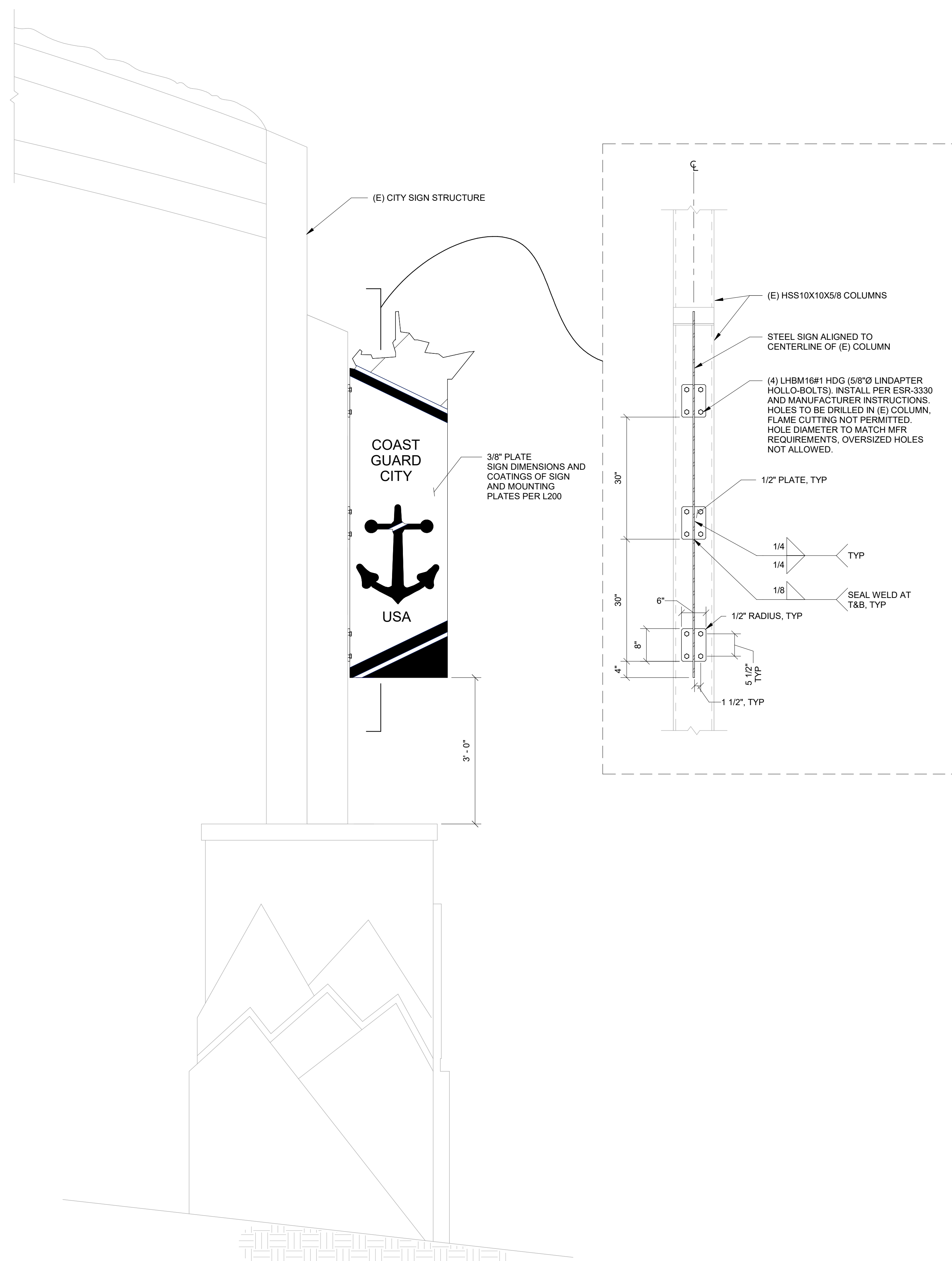
### SPECIAL INSPECTIONS

THE FOLLOWING STRUCTURAL ITEMS REQUIRE SPECIAL INSPECTION PER IBC SECTIONS 1704-1707.

CONTINUOUS: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED.

PERIODIC: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.

SYSTEM or MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE or STANDARD REFERENCE	FREQUENCY		
			CONTINUOUS	PERIODIC	
<b>DIVISION #05 - METALS</b>					
<b>FABRICATORS</b>					
FABRICATORS	1704.2.5 1704.2.5.1			X	SPECIAL INSPECTION IS REQUIRED FOR STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES FABRICATED ON THE PREMISES OF A FABRICATOR'S SHOP  NOTE: SPECIAL INSPECTION IS NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION
<b>STEEL</b>					
SINGLE PASS FILLET WELDS LESS THAN OR EQUAL TO 5/16"	1705.2.1 TABLE 1705.3	AWS D1.1 AISC 360 J2.2		X	ALL WELDS VISUALLY INSPECTED PER AWS D1.1 6.9
CONNECTING ELEMENTS AND HOLE PREPARATION MEET DETAILING REQUIREMENTS	ESR-3330 AISC 360-16; TABLE N5.6-1			X	ALL DRILLED HOLES VISUALLY INSPECTED
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	ESR-3330 AISC 360-16; TABLE N5.6-1			X	NO FASTENER SUBSTITUTIONS ALLOWED WITHOUT ENGINEER APPROVAL
CORRECT BOLTING PROCEDURE AND FASTENERS SELECTED FOR JOINT DETAIL	ESR-3330 AISC 360-16; TABLE N5.6-1		X		GRADE, TYPE, BOLT LENGTH, PHYSICAL VERIFICATION OF INSTALLATION TORQUE MEETS MANUFACTURER REQUIREMENTS



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### GENERAL STRUCTURAL NOTES

**S001**

1 SIGN ELEVATION  
3/4" = 1'-0"