

**INVITATION FOR BID # 2015-014 SKYLINE REGIONAL PARK PROJECT
CITY OF BUCKEYE
CONSTRUCTION & CONTRACTING DIVISION
623.349.6225**

AMENDMENT #4

NOTE: Attach to Original IFB. However, if Proposal has already been returned, complete this amendment and return for attachment to your Bid by 4:00pm, April 02, 2015

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Christopher Williams

SOLICITATION: INVITATION FOR BID #2015-014- SKYLINE REGIONAL PARK PROJECT

NOTICE TO CONTRACTORS:

This Amendment forms a part of the Contract and clarifies, corrects, or modifies the original IFB #2015-014 for Bid documents prepared by the City of Buckeye.

**The following questions have been presented and answered for IFB #2015-014 as follows:
(All Questions/Answers pertain to Smithcraft Signs)**

QUESTION: The Park Name panel in upper right hand corner of page L11 shows different finishes on different areas of this sign. The Natina finish supplier indicates that this will be difficult if not impossible to achieve on the same piece of steel. The option is then to do the backer in one sheet and the mountain elements in 2 different pieces of steel. What is the thickness of these steel mountain elements? Will the thickness of the backer remain the same?

ANSWER: See revised plan sheet L11

QUESTION: The Park Name Panel also shows the background piece of steel finished as "Brushed Galvanized Steel". Our finish supplier for galvanizing is not aware of how to achieve this brushed finish on galvanized steel. Can you explain this detail? Can this be a brushed piece of stainless?

ANSWER: See revised plan sheet L11

QUESTION: The footing detail shows a spread footing with structural rebar. This is typical for soil conditions less stable than the soil conditions here. Can this footing detail be 2 caisson footings if we show engineering from a licensed structural engineer? Is there a "hard dig" condition on-site that will not allow a drilled depth of footing to 4' or 5' deep?

ANSWER: An alternative foundation detail and design (2 caisson footings) has been added to the plans. See revised plan sheet L12

QUESTION: The connecting hardware (1/2" Ultra lock bolts) is not available in the length needed to bolt through a 3.5" post and 1/4" steel plate. Do you have a substitute hardware spec? Can the posts be smaller (3" square or less) to accommodate the specified hardware availability? What is the finish on the connecting bolts? Left as stainless color?

ANSWER: The way finding sign posts shall remain as 3 1/2"x3 1/2"x1/4" to accommodate the allowable deflection based on the building code requirements. The connection bolts details and specifications have been updated to Stainless Steel LHBM12 #1 Hollo bolts with button security heads or approved equivalent. See revised plan sheet L12

QUESTION: The detail for mounting these stainless letters shows a 1" stand-off from the wall surface. This stand-off will allow for much easier theft of these letters. Should this stand-off be eliminated to minimize the possibility of theft?

ANSWER: Please bid it as designed.

The balance of the specifications and instructions remain the same. Offerors must acknowledge receipt and acceptance of this amendment by returning the entire amendment with the Invitation for Bid 2015-014.

PLEASE ACKNOWLEDGE YOUR FIRM'S RECEIPT OF THIS AMENDMENT BY SIGNING THE ATTACHED SOLICITATION AMENDMENT ACKNOWLEDGEMENT.

SOLICITATION AMENDMENT ACKNOWLEDGEMENT

INVITATION TO BID 2015-014

AMENDMENT NUMBER 4

AMENDMENT ISSUE DATE: March 30, 2015

Offeror certifies that Offeror has read, understands, and will fully and faithfully comply with this Delivery Order Request for Proposals, its attachments and any referenced documents. Offeror also certifies that this offer was independently developed without consultation with any of the other Offerors or potential Offerors.

Name of Company: _____

Authorized Signature: _____

Print Name and Title: _____

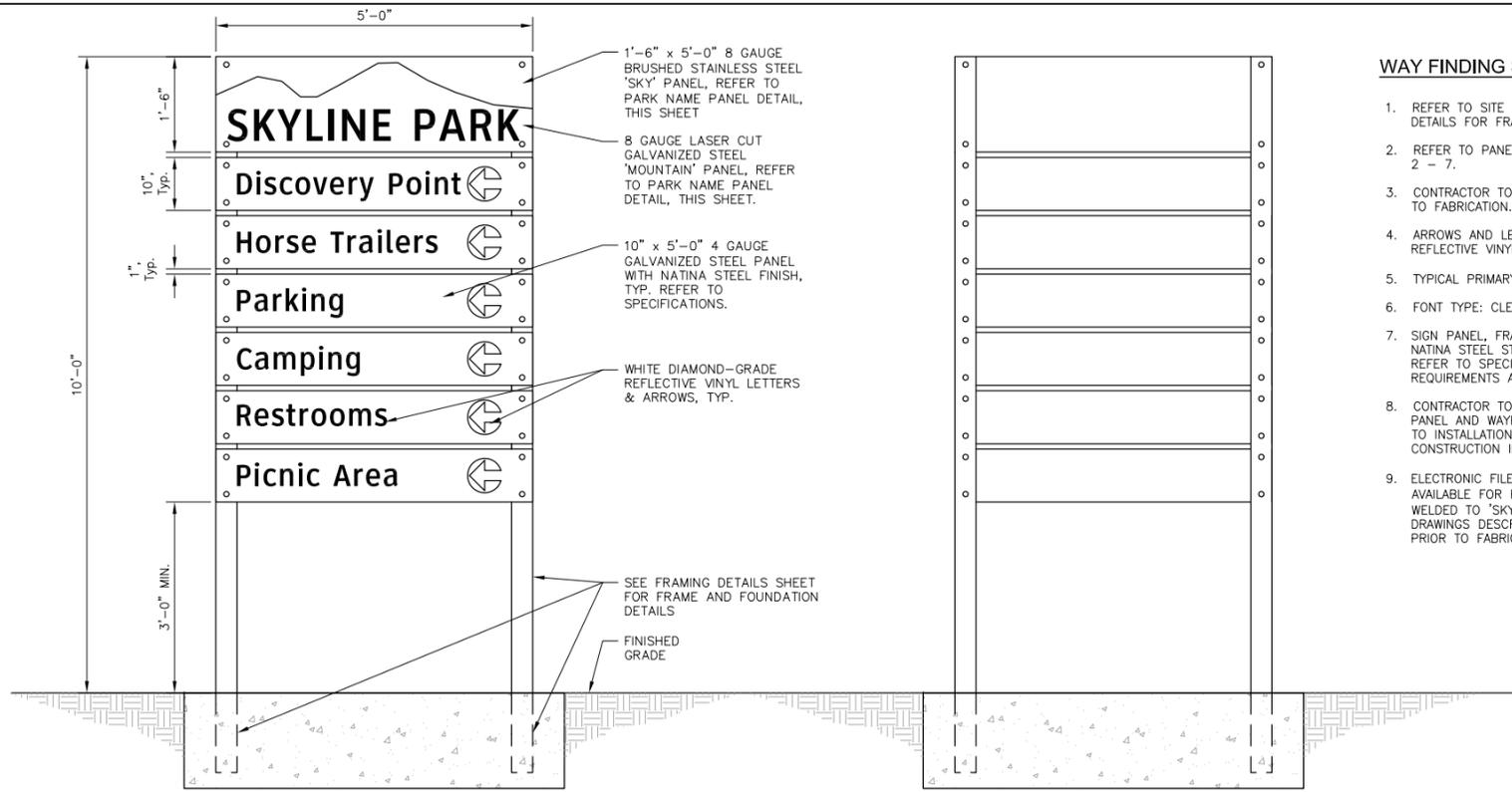
Date: _____

Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Email Address: _____

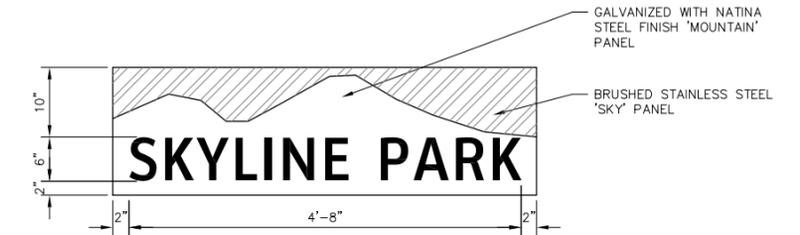


WAY FINDING SIGN 1 & TYP. FRONT ELEVATION
SCALE: 3/4" = 1'-0"

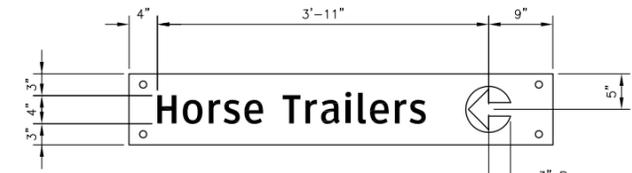
WAY FINDING SIGN TYP. REAR ELEVATION
SCALE: 3/4" = 1'-0"

WAY FINDING SIGN NOTES:

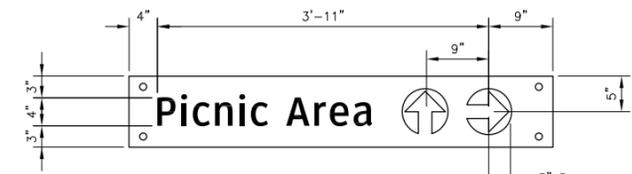
1. REFER TO SITE PLAN FOR SIGN LOCATIONS AND TO FRAMING DETAILS FOR FRAME AND FOUNDATION DETAILS.
2. REFER TO PANEL DETAILS BELOW FOR INFORMATION ON SIGNS 2 - 7.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
4. ARROWS AND LETTERS SHALL BE WHITE DIAMOND-GRADE REFLECTIVE VINYL.
5. TYPICAL PRIMARY LETTER SIZE SHALL BE 4".
6. FONT TYPE: CLEARVIEWHWY-3-W
7. SIGN PANEL, FRAME AND HARDWARE SHALL BE FINISHED WITH NATINA STEEL STAIN PER MANUFACTURER RECOMMENDATIONS. REFER TO SPECIFICATIONS FOR QUALITY CONTROL ASSURANCE REQUIREMENTS AND APPLICATION REQUIREMENTS.
8. CONTRACTOR TO SUBMIT FULL SIZE SAMPLE OF PARK NAME PANEL AND WAYFINDING PANEL FOR OWNER APPROVAL PRIOR TO INSTALLATION. SAMPLE MAY BE USED AS PART OF FINAL CONSTRUCTION IF APPROVED BY OWNER.
9. ELECTRONIC FILES FOR 'MOUNTAIN' PANEL SHAPE ARE AVAILABLE FOR FABRICATION. 'MOUNTAIN' PANEL TO BE TACK WELDED TO 'SKY' PANEL. FABRICATOR TO SUPPLY SHOP DRAWINGS DESCRIBING ATTACHMENT METHODS FOR REVIEW PRIOR TO FABRICATION.



PARK NAME PANEL
SCALE: 1" = 1'-0"



WAY FINDING PANEL - SINGLE ARROW
SCALE: 1" = 1'-0"



WAY FINDING PANEL - DOUBLE ARROW
SCALE: 1" = 1'-0"



SIGN 2
SCALE: 3/4" = 1'-0"



SIGN 3
SCALE: 3/4" = 1'-0"



SIGN 4
SCALE: 3/4" = 1'-0"



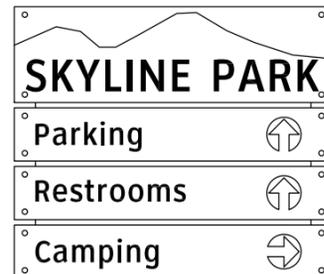
SIGN 5
SCALE: 3/4" = 1'-0"



SIGN 6
SCALE: 3/4" = 1'-0"



SIGN 7
SCALE: 3/4" = 1'-0"



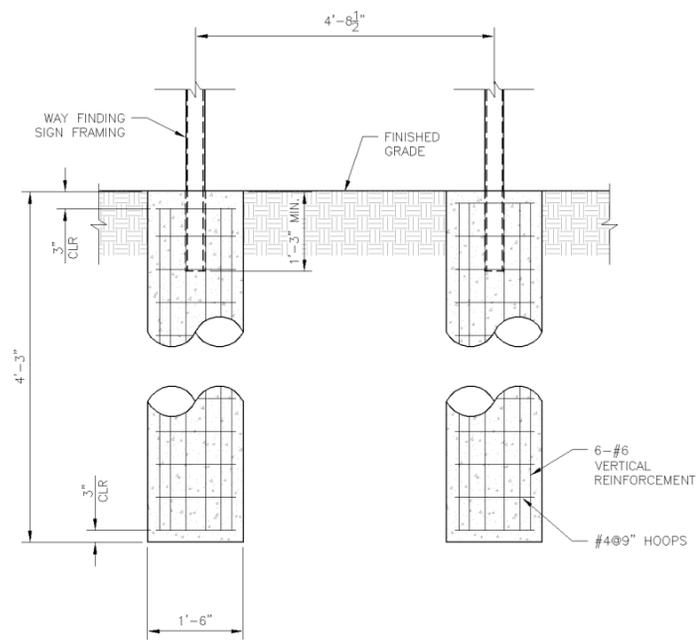
SIGN 9
SCALE: 3/4" = 1'-0"



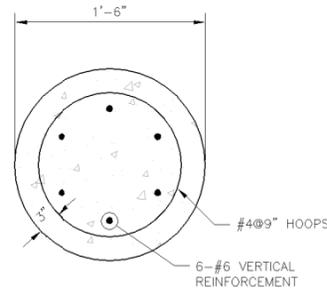
SIGN 8
SCALE: 3/4" = 1'-0"

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

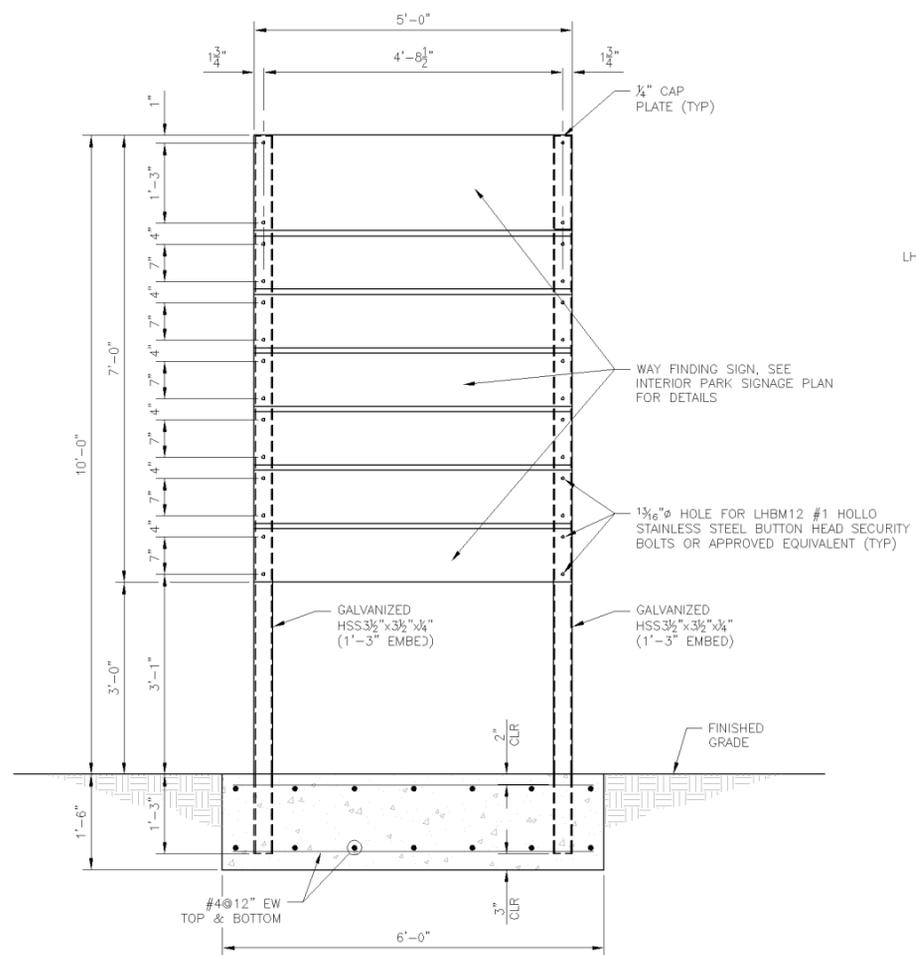
REVISIONS:	
1	
2	
3	
PLAN NAME INTERIOR PARK SIGNAGE PLAN	
ENGINEER INFORMATION KIMLEY-HORN AND ASSOCIATES 7740 N 16TH ST, STE 300, PHOENIX, AZ 85020 PHONE:(602)944-5500, FAX:(602)944-7423	
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE	LATEST REVISION DATE
PROJECT No.	SHEET ID. L11 SHEET No. 63 OF 125
SUBMITTAL: COB PLAN TRACKING # COB PERMIT # ENG-13-00317	



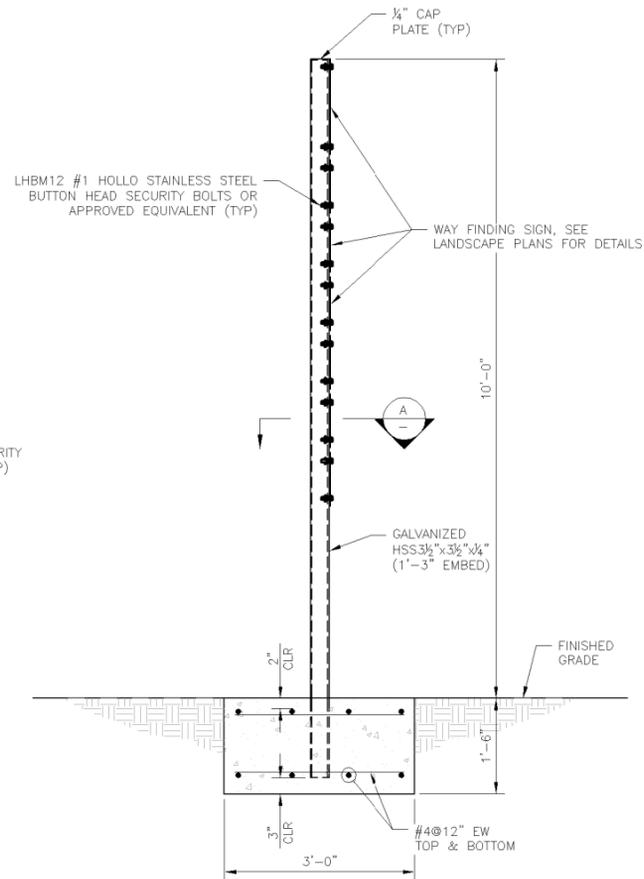
ALTERNATIVE WAY FINDING SIGN FOUNDATION
SCALE: 3/4" = 1'-0"



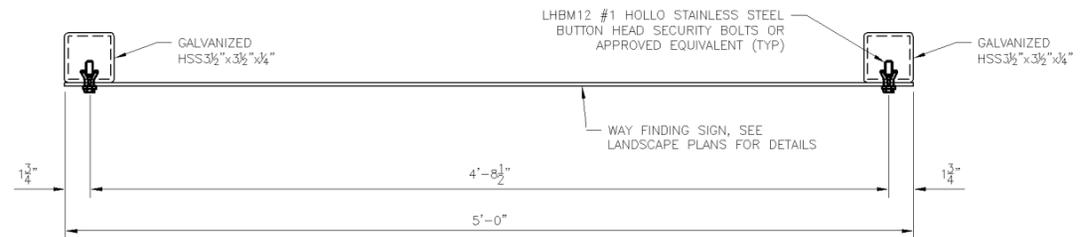
ALTERNATIVE WAY FINDING SIGN FOUNDATION SECTION
SCALE: 1 1/2" = 1'-0"



WAY FINDING SIGN ELEVATION
SCALE: 3/4" = 1'-0"



WAY FINDING SIGN TYPICAL SECTION
SCALE: 3/4" = 1'-0"



SECTION A-A
SCALE: 2" = 1'-0"

WAY FINDING SIGN NOTES:

- ALL CONCRETE SHALL BE CLASS "A" WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH $f'_c = 3000$ PSI.
- DESIGN CRITERIA:
2.1. SOIL UNIT WEIGHT: 120 PCF
2.2. WIND LOAD: 26 PSF
2.3. ALLOWABLE BEARING CAPACITY: 1500 PSF
- REINFORCING STEEL SHALL CONFORM TO ASTM SPECIFICATION A615. ALL REINFORCING SHALL BE FURNISHED AS GRADE 60.
- ALL REINFORCING STEEL SHALL HAVE 2" CLEAR COVER UNLESS NOTED OTHERWISE.
- STAINLESS STEEL BOLT MATERIAL SHALL CONFORM TO ASTM F593.
- HSS SQUARE MEMBERS SHALL CONFORM TO ASTM A500, GRADE B (46 KSI).
- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC CODE AND SPECIFICATIONS, INCLUDING THE AISC CODE OF STANDARD PRACTICE OF STEEL BUILDINGS.
- ADEQUATE TEMPORARY BRACING SHALL BE PROVIDED DURING CONSTRUCTION TO PROVIDE PLUMB VERTICAL HSS POSTS.
- SEE SITE PLANS AND INTERIOR PARK SIGNAGE PLAN FOR ADDITIONAL SITE DETAILS AND MATERIAL FINISH REQUIREMENTS.

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

REVISIONS:	
1	
2	
3	
PLAN NAME	
INTERIOR PARK SIGNAGE FRAMING DETAILS	
ENGINEER INFORMATION	
KIMLEY-HORN AND ASSOCIATES 7740 N 16TH ST, STE 300, PHOENIX, AZ 85020 PHONE: (602) 944-5500, FAX: (602) 944-7423	
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE	LATEST REVISION DATE
PROJECT No.	SHEET ID. L12
	SHEET No. 64 OF 125
SUBMITTAL	
COB PLAN TRACKING #	
ENG-13-00317	