

**CONTRACT DOCUMENTS**

FOR

**CURRITUCK COMMUNITY PARK**

**SIGNAGE**

BARCO, NC

July 26, 2013



**TABLE OF CONTENTS**

<b><u>NOTICE TO BIDDERS.....</u></b>	<b><u>3</u></b>
<b><u>INSTRUCTIONS TO BIDDERS.....</u></b>	<b><u>4</u></b>
<b><u>BID FORM.....</u></b>	<b><u>5</u></b>
<b><u>INDEPENDENT CONTRACTOR’S AGREEMENT.....</u></b>	<b><u>7</u></b>
<b><u>PLANS AND SPECIFICATIONS.....</u></b>	<b><u>14</u></b>

## **NOTICE TO BIDDERS**

Bids will be received until 4:00pm on **August 20, 2013** at the Currituck County Engineer's Office, Currituck County Courthouse, 153 Courthouse Road, Suite 302, Currituck, NC 27929, for the following project:

### **Currituck Community Park Signage**

**Barco, NC**

A pre-bid conference will be held at the Currituck Cooperative Extension Center on August 6, 2013 at 2:00 pm. The project includes constructing 2 entrance signs (1 includes a digital message board) with masonry walls, lighting and landscaping; building and facility identification signage; and directional signs throughout Currituck Community Park in Barco, NC. Obtain plans from or direct questions to:

Michelle Perry  
Phone (252) 232-6034  
[Michelle.Perry@CurrituckCountyNC.gov](mailto:Michelle.Perry@CurrituckCountyNC.gov)

This will be an informal bid. The bids will be evaluated and contract will be awarded in accordance with the statutory requirements. All bidders must meet the licensing requirements under Chapter 87 of the N.C. General Statutes. Small Business Entities, Women Owned Businesses and Minority Owned Businesses are encouraged to submit bids. The County reserves the right to reject any and all bids and to accept such bids as appears in its judgment to be in the best interest of the County. The County reserves the right to waive any informality.

## INSTRUCTIONS TO BIDDERS

July 26, 2013

Scope of work shall include:

### BASE BID

- West Entrance Sign – College Way
  - Masonry Walls
  - Entrance Signage
    - Lighting
  - Landscaping
    - Removal of 1 tree and 9 bushes as denoted on plans
- East Entrance Sign – Aviation Parkway
  - Masonry Walls
  - Entrance Sign with digital message board (see allowance)
    - Lighting
    - Removal of all existing entrance signage at Aviation Parkway
  - Landscaping
- Directional Signage
  - 5 directional signs
  - Removal of 1 directional sign
- Building/Facility Identification Signs
  - 5 building/facility identification signs
  - Removal of 1 building identification sign
- **Allowance:** \$40,000 - Digital Message Board – materials and installation by Media Resources (see note on plans).
  - Allowance to be used at owner’s discretion. Contractor to submit detailed quote to owner for approval before allowance can be used.
- Note: All disturbed areas shall be seeded with:

(All rates are pounds per acre)

March 1 – August 31

50# Tall Fescue  
10# Centipede  
25# Bermudagrass (hulled)  
500# Fertilizer  
4000# Limestone

September 1 – February 28

50# Tall Fescue  
10# Centipede  
35# Bermudagrass (unhulled)  
500# Fertilizer  
4000# Limestone

**ALTERNATE 1:**

- Airport Signage
  - Remove airport sign and replace with Airport Facility sign in designated location on plans
  - Install new airport sign near terminal building as shown on plans

**NOTES:**

- Provide a 1 year warranty on all work.
- County will provide contractor with logos for Community Center sign and County Seal.
- Contractor shall stake location of entrance walls and verify approval of location with County prior to construction.
- Contractor is responsible for locating all utilities.
- All bidders must meet the licensing requirements under Chapter 87 of the N.C. General Statutes.
- Contractor is responsible for visiting site and understanding scope of work.
- An Independent Contractors Agreement will be executed between the Owner and the Contractor selected for the project.
- The project shall be completed within 90 days of the Notice to Proceed. The COA Sign and College Way Entrance sign shall be the first signs constructed on this project.
- Certificates of insurance for general liability and workers' compensation coverage must be provided when the project is awarded.
- The Contractor selected for the project will be required to provide performance and payment bonds.

Bids will be received until 4:00pm on August 20, 2013 at the Currituck County Engineer's Office, Currituck County Courthouse, 153 Courthouse Road, Suite 302, Currituck, NC 27929. ALL BIDS ARE TO BE MARKED "CURRITUCK COMMUNITY PARK SIGNAGE".

Any questions, problems or suggestions please contact:

Michelle Perry  
Michelle.Perry@CurrituckCountyNC.gov  
Phone: 252-232-6034

**BID FORM**

CURRITUCK COMMUNITY PARK SIGNAGE

The Bidder agrees to perform all the work as shown on the plans and outlined in the specifications, and to furnish all labor, tools, equipment, transportation and all other incidentals necessary for completion of **CURRITUCK COMMUNITY PARK SIGNAGE**

In compliance with the Notice to Bidders, Instructions to Bidders, the Contract Documents which include the Independent Contractor’s Agreement and the contract drawings and project specifications titled “CURRITUCK COMMUNITY PARK SIGNAGE” July 26, 2013, and all addenda issued to date, all of which are part of this proposal, the undersigned hereby proposes to furnish and install all materials, labor, and equipment called for by, and in strict accordance with, said Contract Documents, for the complete Scope of Work indicated:

Complete Scope of Work:

**BASE BID\*** (lump sum) \$ \_\_\_\_\_

\_\_\_\_\_

Write out total dollar amount in words

\*Base Bid shall included allowance of \$40,000 for materials and installation of digital message board

**ALTERNATE 1** (lump sum) \$ \_\_\_\_\_

\_\_\_\_\_

Write out total dollar amount in words

- The bid amount shall be shown in both words and figures. In case of discrepancy, the amount in words shall govern.
- The above prices shall include labor, materials, overhead, profit, insurance, bonds, taxes, site repair, clean-up, etc., to cover the finished work of the several kinds called for.
- The Bidder agrees that this bid shall be valid and may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving bids.
- Bidder has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

Date

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Addendum Number

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Respectfully submitted this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Contractors License No.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Telephone No.

\_\_\_\_\_  
Printed Name and Title

\_\_\_\_\_  
Fax No.

\_\_\_\_\_  
Address

**INDEPENDENT CONTRACTOR AGREEMENT**

THIS AGREEMENT is made the \_\_\_\_ day of \_\_\_\_\_, 2013 between the **County of Currituck** (hereinafter “County”) and \_\_\_\_\_ [Contractor], (hereinafter “Contractor”).

RECITALS

County is a body corporate and politic of the State of North Carolina with the duties and powers set forth in Chapter 153A of the North Carolina General Statutes.

Contractor represents that it is duly qualified to perform business, and otherwise to transact business in North Carolina.

IT IS THEREFORE AGREED as follows:

1. Scope of Work. Contractor agrees to perform the following services for County:

**Work as outlined in the Bid Documents for Currituck Community Park Signage, dated July 26, 2013, (hereinafter “the Services”).**

2. Compensation. Contractor will be paid for its Services by County as follows:

\_\_\_\_\_ **[here, specify compensation arrangement including payment method and frequency.]**

3. Contractor’s Freedom to Contract. Contractor may employ assistants at its sole expense and discretion as may be necessary to fulfill Contractor’s obligations under this

Agreement. Contractor agrees that anyone to whom it delegates any or all of the Services called for by this contract will be competent, qualified and capable of performing the work without any supervision, contact or assistance by County's employees. Any such assistant will be employed only by Contractor, and will not be an employee of the County while performing services under this contract.

4. Expenses. County shall not be liable to Contractor for any expenses which Contractor incurs, nor shall Contractor be liable to County for office help or expenses. Contractor shall have no authority to bind County by any promise or representation, unless specifically authorized by the County Manager in writing to do so.

5. Term. This Agreement may be terminated by either party at any time upon 7 days written notice to the other party. Upon the termination of this Agreement, Contractor shall prepare and provide to County a list of all pending unfinished business involving Contractor. Contracted Services under the terms of this agreement shall terminate upon completion of the Services which shall in no event exceed 90 days for completion of the Services.

6. Nature of Relationship. Contractor understands that it is an independent contractor and is not an employee, subcontractor, agent, servant, partner nor joint venturer of County. Contractor understands that it has the right to use its best judgment and efforts to fulfill the terms and obligations of this Agreement. Contractor further understands and acknowledges the following:

a. That it will receive no compensation other than as outlined in this Agreement and is not subject to nor eligible for any benefits which may be offered by County to its

employees, such as vacation pay, sick leave, insurance coverage or retirement plan participation.

b. Its Services provided in accordance with this Agreement are an independent calling or occupation.

c. Contractor is expected to use its own skill, judgment and expertise to fulfill the obligations of this Agreement, and is not supervised, directed or controlled by County as to the means or methods it should employ.

d. Contract is not required to perform tasks in any particular order or sequence.

e. Contractor needs no training from County as to how to fulfill its duties and responsibilities.

f. Contractor may determine its own daily schedule and those of its own employees or servants without prior approval of County.

g. Contractor is not required to devote any particular percentage of its time or resources to perform the Services required hereunder.

h. Contractor furnishes its own equipment and supplies and is expected to maintain its business office somewhere other than at the County's office.

i. To the extent Contractor must procure or maintain any insurance, license, certification or trade membership, it must do so at its own cost.

j. This Agreement shall not prevent Contractor from performing other services for other parties. Contractor may engage in other business endeavors or projects of any kind or nature.

7. Taxes. Contractor assumes exclusive liability for payment of all federal, state or other governmental division taxes and contributions for social security, Medicare/Medicaid, etc., now or hereafter required, incurred or assessed by law. Contractors providing equipment, materials, parts or supplies shall provide a breakdown of labor, materials, parts or supplies and sales tax by County or a sales tax report approved by the County Finance Department with the invoice. Contractor agrees to indemnify and hold harmless the County from any claims for taxes as described in this Section.

8. Insurance. Contractor understands and agrees that neither it nor its employees are subject to workers' compensation or general liability coverage maintained by the County for its employees. Contractor agrees to procure and maintain workers' compensation insurance coverage for the benefit of contractor's employees or subcontractors and to procure general liability insurance listing the County as an additional insured at all times relevant to this Agreement. Contractor shall provide to County upon request a valid and current certificate of workers' compensation and general liability insurance. In the event Contractor shall fail at any time to have in force and effect insurance as required by this Section, Contractor agrees to indemnify and hold harmless County for (1) any premium paid by County to maintain insurance coverage applicable to Contractor and/or its employees or subcontractors; (2) any worker's compensation benefits paid by County as a result of Contractor's failure to comply with this Section; and (3) any amounts paid by County for general liability claims as a result of Contractor's failure to comply with this Section.

9. Indemnity. Contractor shall and does hereby agree to indemnify, save harmless and defend County from the payment of any sum or sums of money to any person whomsoever on account of claims or suits growing out of injuries to persons, including death, or damage to property caused by Contractor, its employees, agents or subcontractors in any way attributable to the performance of the Services, including (but without limiting the generality of the foregoing), all claims for service, labor performed, materials furnished, provisions and supplies, injuries to person or damage to property, liens, garnishments, attachments, claims, suits, costs, attorneys' fees, costs of investigation and of defense. It is the intention of this paragraph to hold the Contractor responsible for the payment of any and all claims, suits, or liens, of any nature and character, in any way attributable to or asserted against County or against Contractor and County, or which the County may be required to pay. In the event the liability of the Contractor shall arise by reason of the sole negligence of County and/or the sole negligence of County's employees, agents or servants, then and only then, Contractor shall not be liable under the provisions of this paragraph.

10. Arbitration. Any controversy or claim arising out of, or relating to this Agreement, or its breach, shall be settled by arbitration in Currituck County, North Carolina in accordance with the provisions of the North Carolina Revised Uniform Arbitration Act, (the "Act"). The parties to this Agreement understand that this arbitration provision shall expressly apply to this Agreement in accordance with the Act. Judgment upon the award rendered may be entered and enforced in any court of competent jurisdiction.

11. Notices. Any notice, request or report given by one party to the other shall be in writing, deposited in the United States Mail (postage prepaid) or hand delivered and properly addressed as follows:

If the notice is to County:

Currituck County  
Michelle Perry  
153 Courthouse Rd, Suite 302  
Currituck, NC 27929  
(Or such other person or address as County shall have designated by due notice to Contractor).

If the notice is to Contractor:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Or such other person or address as Contractor shall have designated by due notice to County).

12. Non-Waiver. Nothing set forth herein is intended nor shall be construed as a waiver of any immunity available to County, its governing board or employees.

13. Headings. The headings, subheadings and captions in this Agreement and in any exhibit hereto are for reference purposes only and shall not affect the meaning or interpretation of this Agreement.

14. Amendments. This Agreement may not be amended except by written instrument duly executed by or on behalf of all of the parties hereto.

15. Complete Agreement. This Agreement constitutes the entire Agreement between County and Contractor pertaining to its subject matter and supersedes all prior and

contemporaneous negotiations, agreements and understandings of either or both parties in connection therewith.

16. Governing Law. The validity, interpretation and performance of this Agreement and of its provisions shall be governed by the laws of the State of North Carolina.

The undersigned have read the entire Agreement and accept the terms and conditions as shown by their signatures below.

ATTEST:

COUNTY OF CURRITUCK

By: \_\_\_\_\_  
Clerk to the Board of Commissioners

By: \_\_\_\_\_(SEAL)  
Daniel F. Scanlon, II, County Manager

CONTRACTOR

By: \_\_\_\_\_(SEAL)

Independent Contractor carries and will provide County with a Certificate of Insurance for:

Workers' Compensation	Yes	No
General Liability	Yes	No

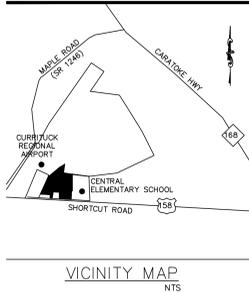
This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

\_\_\_\_\_  
Sandra Hill, Finance Officer

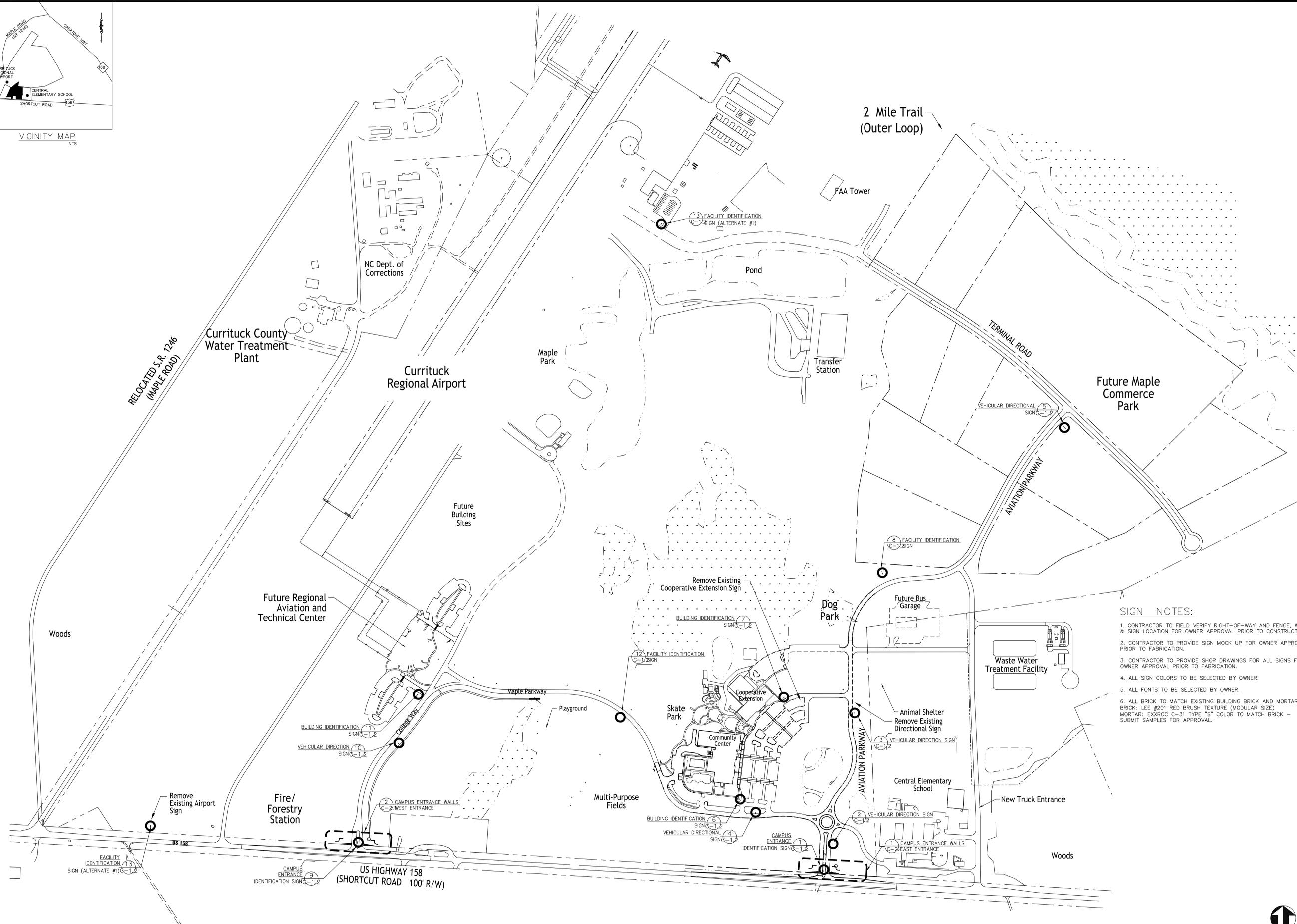
**PLANS AND SPECIFICATIONS**

FOR

**CURRITUCK COMMUNITY PARK SIGNAGE**



VICINITY MAP  
NTS



**SIGN NOTES:**

1. CONTRACTOR TO FIELD VERIFY RIGHT-OF-WAY AND FENCE, WALL, & SIGN LOCATION FOR OWNER APPROVAL PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO PROVIDE SIGN MOCK UP FOR OWNER APPROVAL PRIOR TO FABRICATION.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL SIGNS FOR OWNER APPROVAL PRIOR TO FABRICATION.
4. ALL SIGN COLORS TO BE SELECTED BY OWNER.
5. ALL FONTS TO BE SELECTED BY OWNER.
6. ALL BRICK TO MATCH EXISTING BUILDING BRICK AND MORTAR; BRICK: LEE #201 RED BRUSH TEXTURE (MODULAR SIZE) MORTAR: EXXROC C-31 TYPE "S" COLOR TO MATCH BRICK - SUBMIT SAMPLES FOR APPROVAL.



2 3 2 0  
W. Morehead  
Street Charlotte,  
NC 28208  
Landscape Architecture  
Site Planning  
Civil Engineering  
www.sitesolutionspa.com  
Telephone: (704) 521-9880  
Facsimile: (704) 521-8955  
CADD PROJECT #  
CORP. NC LICENSE: C-1398

Seals:

Corp. NC License: C-1398

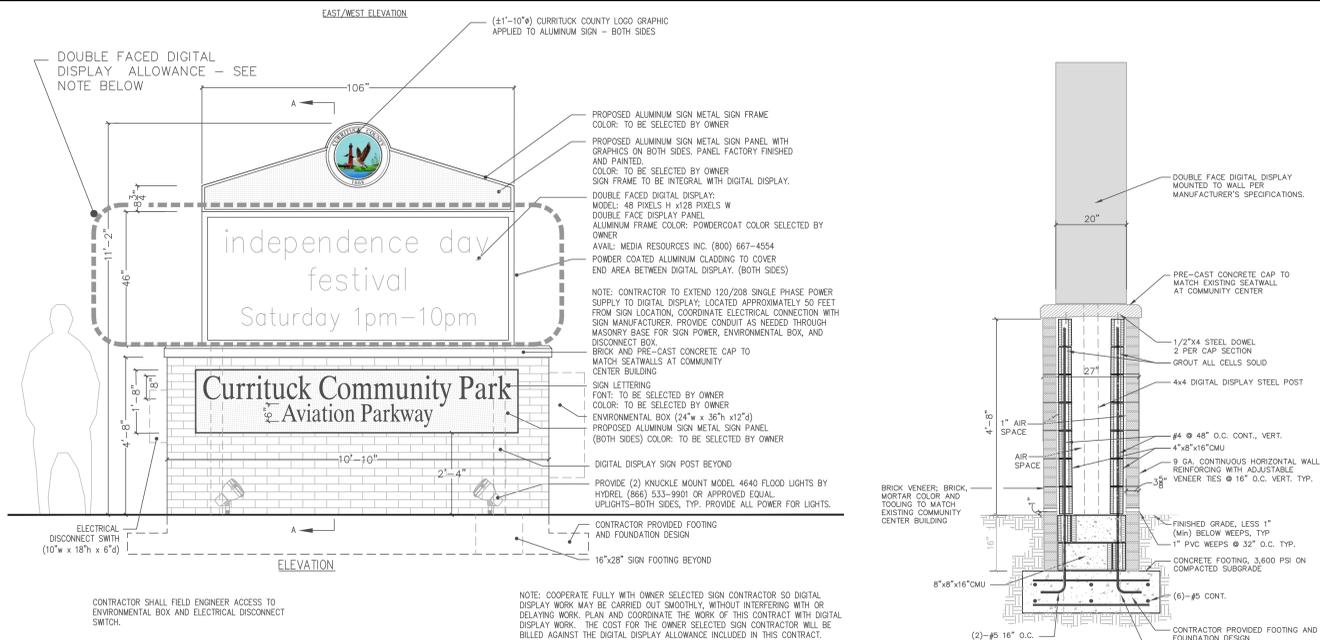
Currituck Community Park  
Sign Package  
Currituck County  
North Carolina

Project No: ..... 3337  
Drawn By: ..... S. Hirsch  
Designed By: ..... J. Ashba  
Checked By: ..... J. Ashba  
Date: ..... 04/30/21

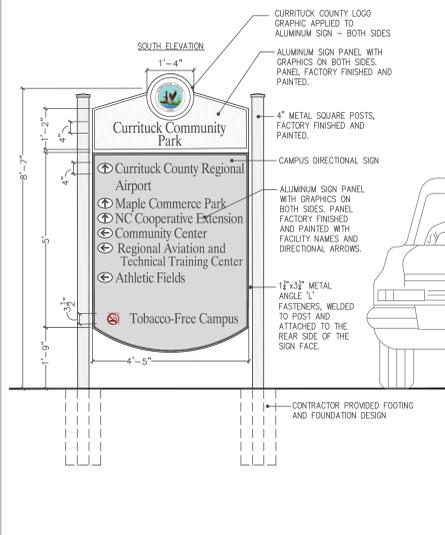
Revisions:

Sheet Title: Sign Pla

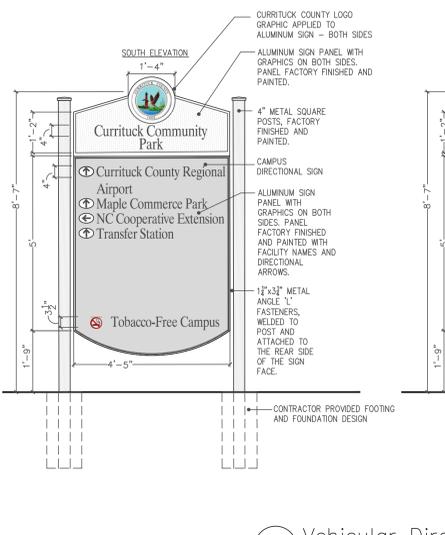
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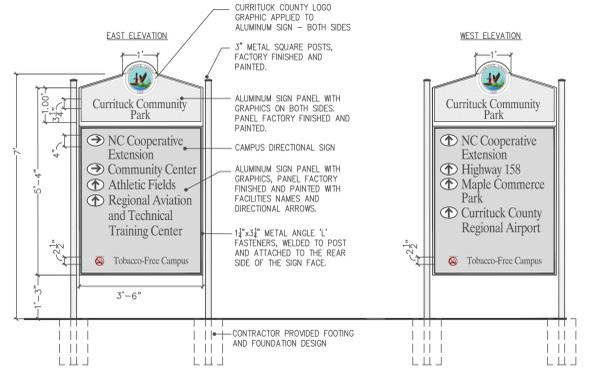
**1 Campus Entrance Identification Sign - East Entrance**  
 Scale: 1/2" = 1'-0"



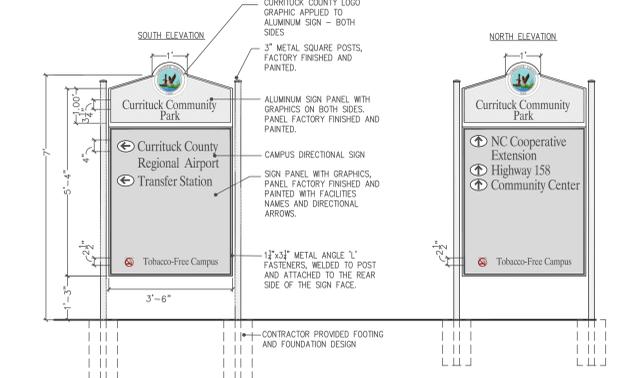
**2 Vehicular Directional Sign**  
 Scale: 1/2" = 1'-0"



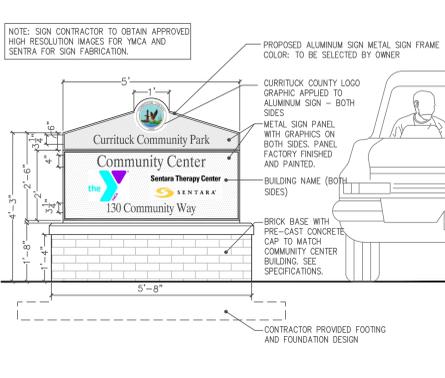
**3 Vehicular Directional Sign**  
 Scale: 1/2" = 1'-0"



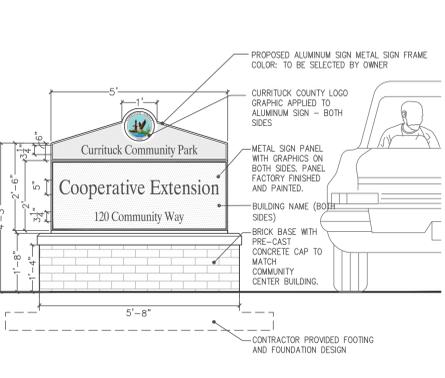
**4 Vehicular Directional Sign**  
 Scale: 1/2" = 1'-0"



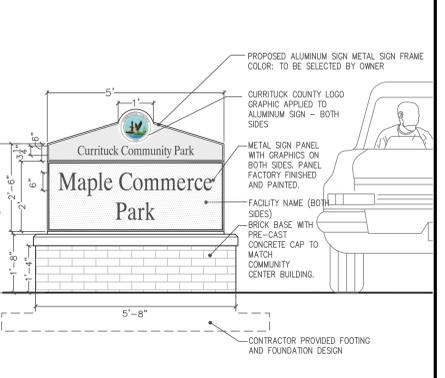
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 Scale: 1/2" = 1'-0"



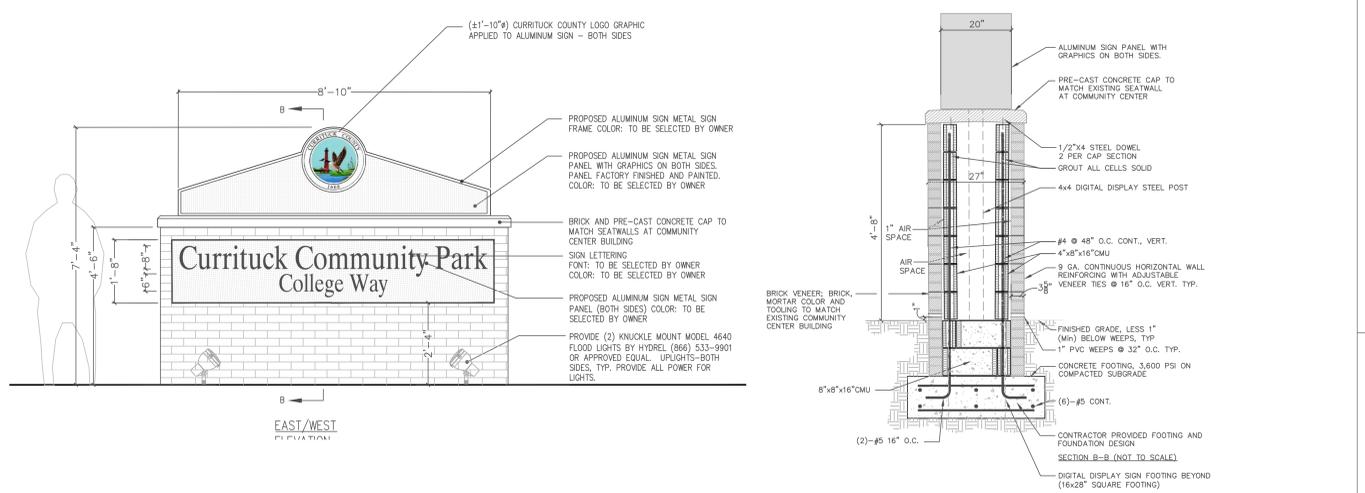
**6 Building Identification Sign**  
 Scale: 1/2" = 1'-0"



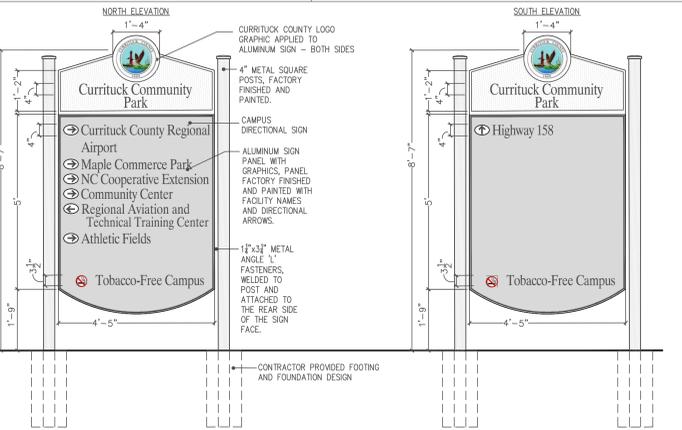
**7 Building Identification Sign**  
 Scale: 1/2" = 1'-0"



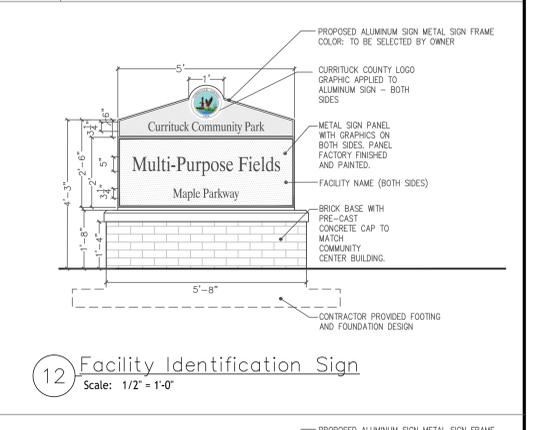
**8 Facility Identification Sign**  
 Scale: 1/2" = 1'-0"



**9 Campus Entrance Identification Sign - West Entrance**  
 Scale: 1/2" = 1'-0"



**10 Vehicular Directional Sign**  
 Scale: 1/2" = 1'-0"



**12 Facility Identification Sign**  
 Scale: 1/2" = 1'-0"



**11 Building Identification Sign**  
 Scale: 1/2" = 1'-0"



**13 Facility Identification Sign - Alternate #1**  
 Scale: 1/2" = 1'-0"

Seals:

Corp. NC License: C-1398

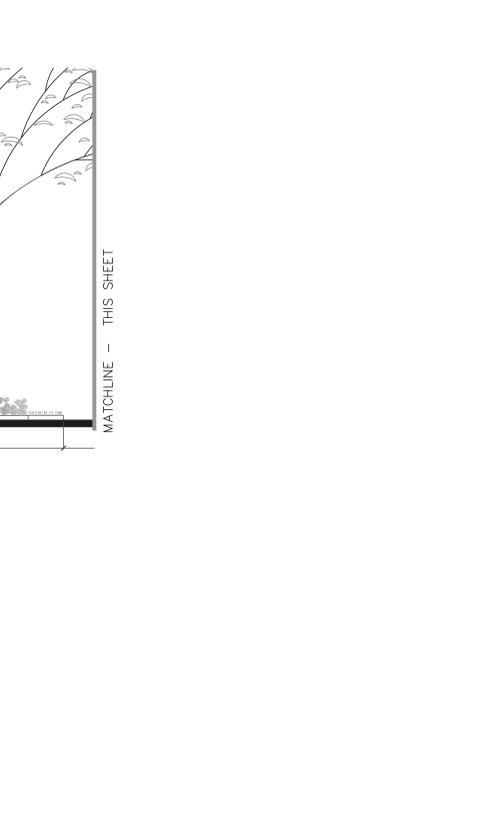
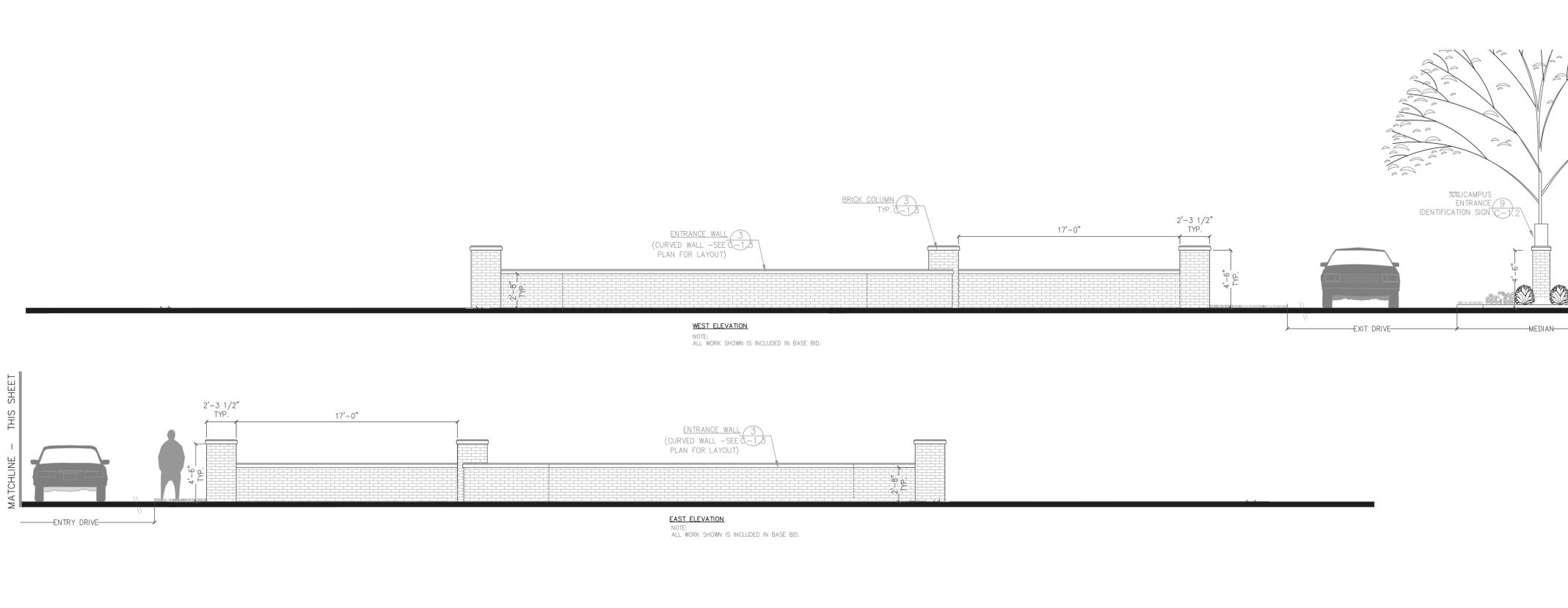
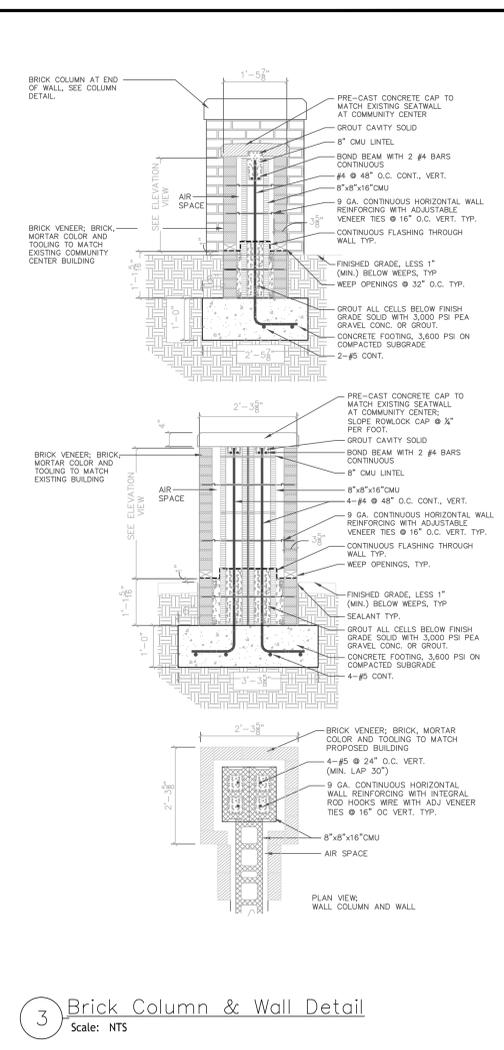
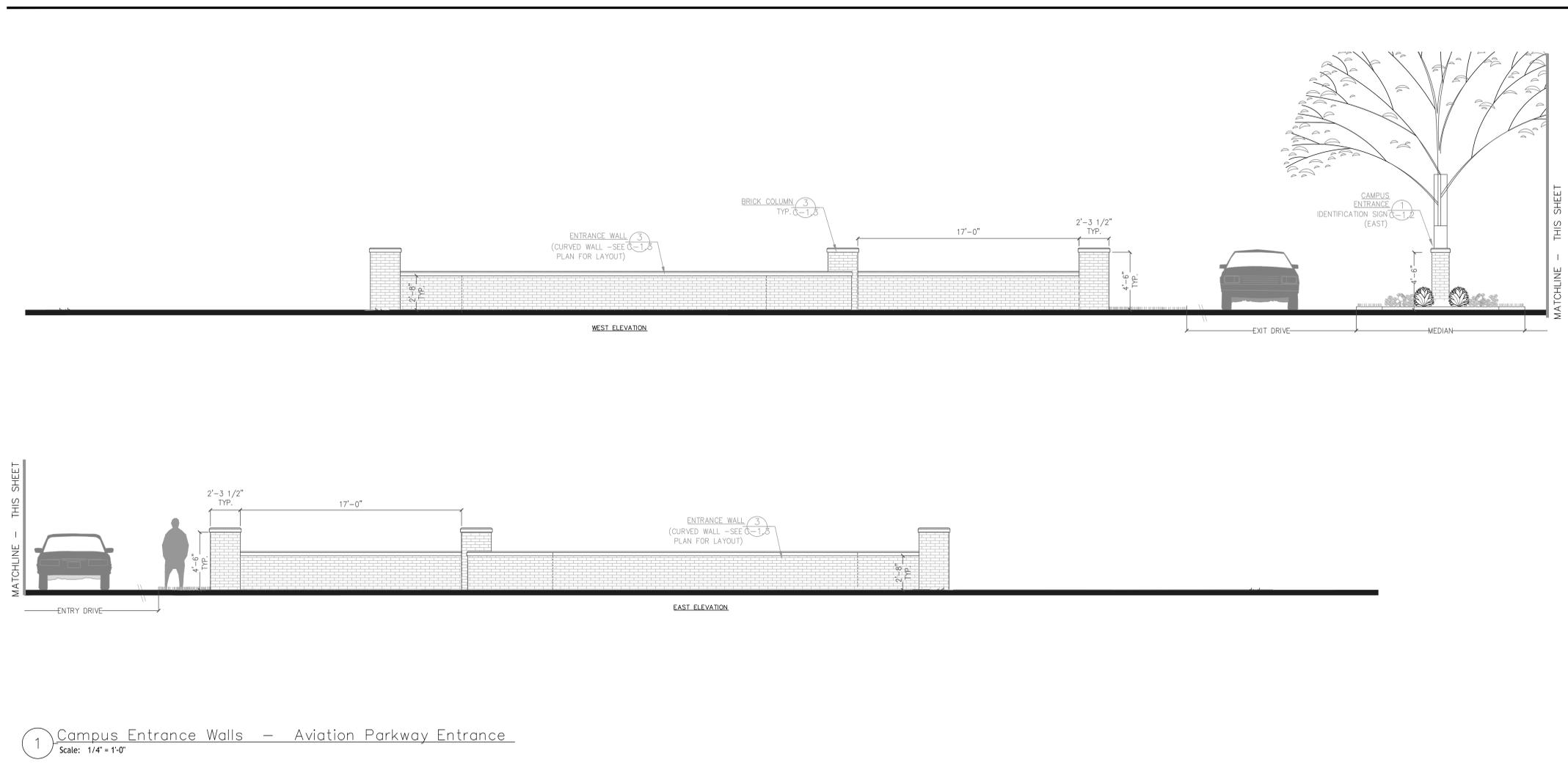
**Currituck Community Park  
 Sign Package**  
 Currituck County  
 North Carolina

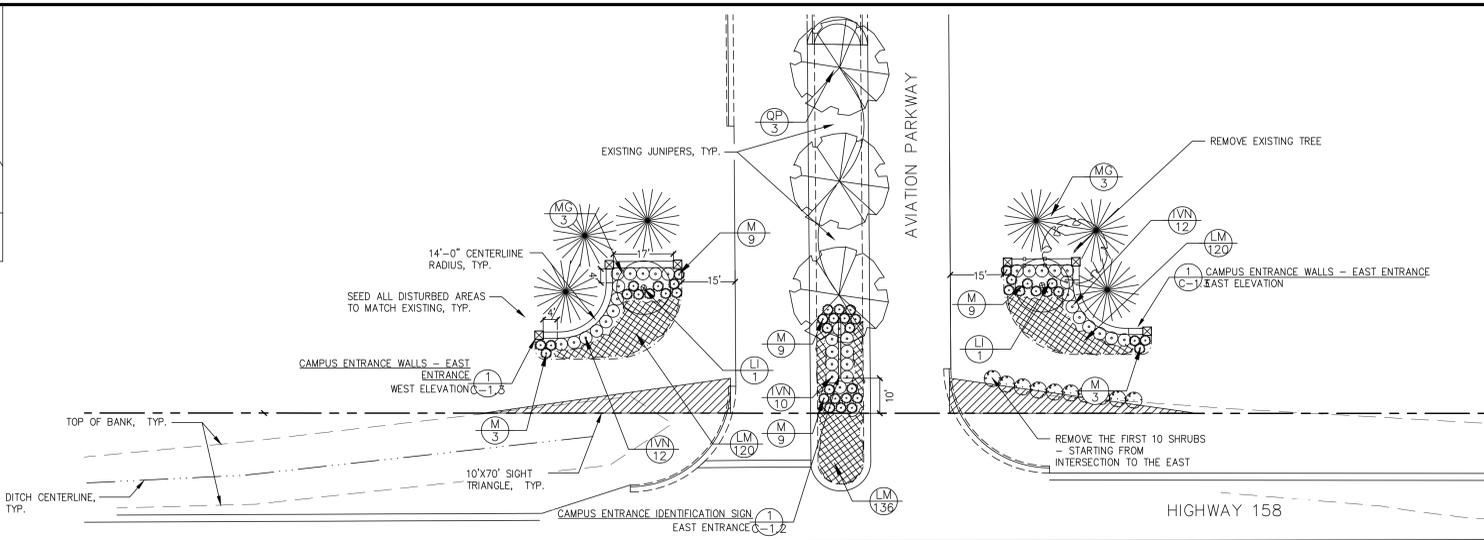
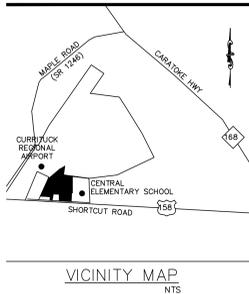
Project No: 3337  
 Drawn By: P. Wall  
 Designed By: J. Ashba  
 Checked By: J. Ashba  
 Date: 04/15/20

Revisions:

Sheet Title:  
**Sign Elevation  
 Details**

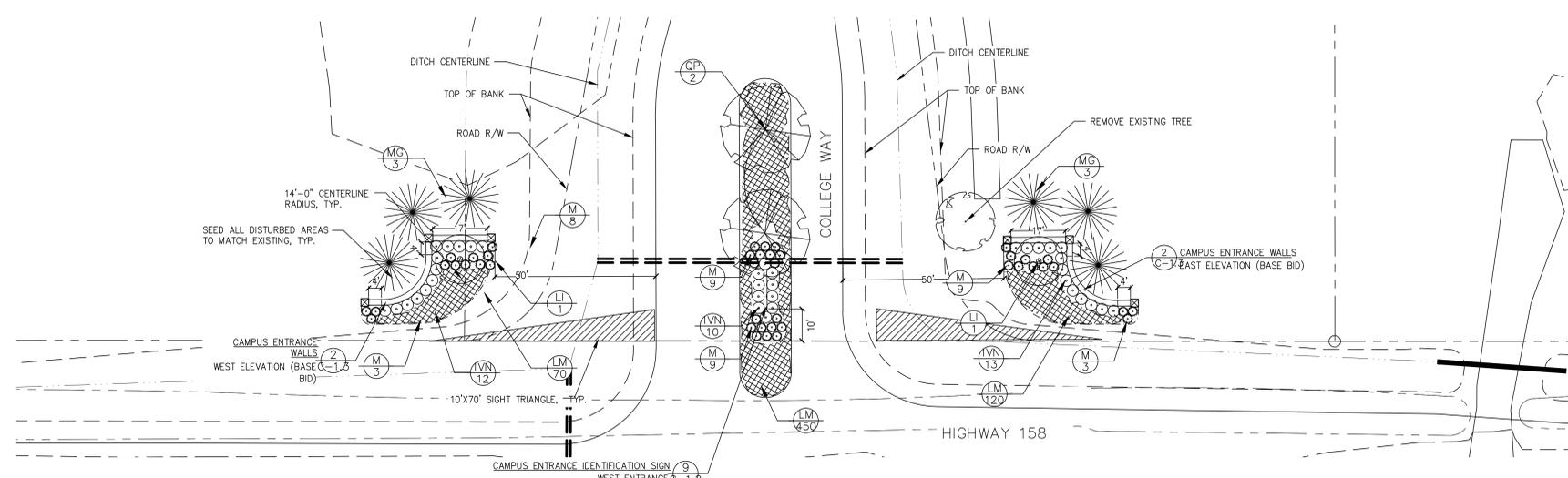
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PLANTING SCHEDULE						
		BOTANICAL NAME	COMMON NAME	SIZE COND	REMARKS	HEIGHT SPREAD
<b>TREES</b>						
LI	2	Lagerstroemia indica x 'Natchez'	Natchez Crape Myrtle	2" per stem	3-5 Stem, Full, Matched	4-5' 3-4'
MG	6	Magnolia grandiflora	Brackens Brown Beauty	B & B	Evergreen	6-8' 4-5'
QP	3	Quercus phellos	Willow Oak	3" cal. B & B	Straight, Matched, Full Specimen	12-14' 6-8'
<b>SHRUBS</b>						
IVN	34	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	Cont.	Full Specimen 4' o/c	30" min 24" min.
<b>GROUNDCOVERS/PERENNIALS/GRASSES</b>						
LM	376	Liriope muscari	Big Blue Liriope	n/a	Full Specimen	15" oc
M	42	Muhlenbergia capillaris	Muhly Grass	1 gal.	Full Specimen	3' o/c

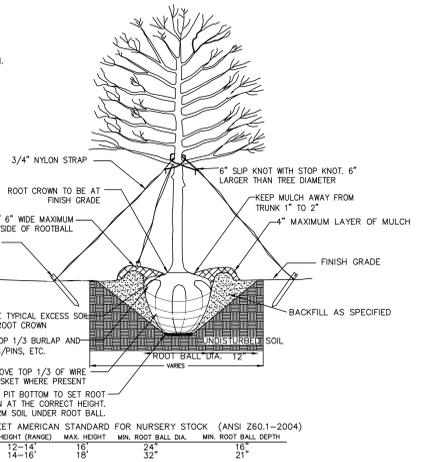
1 Campus Entrance Enlargement - East Entrance  
Scale: 1" = 20'-0"  
NORTH



PLANTING SCHEDULE						
		BOTANICAL NAME	COMMON NAME	SIZE COND	REMARKS	HEIGHT SPREAD
<b>TREES</b>						
LI	2	Lagerstroemia indica x 'Natchez'	Natchez Crape Myrtle	2" per stem	3-5 Stem, Full, Matched	4-5' 3-4'
MG	6	Magnolia grandiflora	Brackens Brown Beauty	B & B	Evergreen	6-8' 4-5'
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<b>SHRUBS</b>						
IVN	34	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	Cont.	Full Specimen 4' o/c	30" min 24" min.
<b>GROUNDCOVERS/PERENNIALS/GRASSES</b>						
LM	640	Liriope muscari	Big Blue Liriope	n/a	Full Specimen	15" oc
M	42	Muhlenbergia capillaris	Muhly Grass	1 gal.	Full Specimen	3' o/c

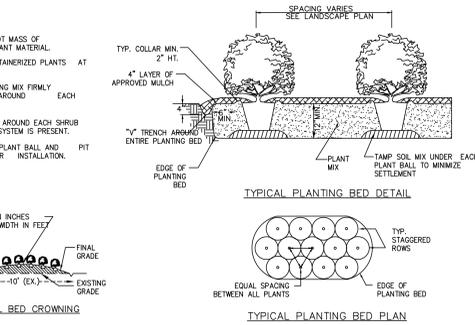
2 Campus Entrance Enlargement - West Entrance  
Scale: 1" = 20'-0"  
NORTH

- NOTES:
1. REMOVE WIRE AND NYLON TWINE FROM BALL AND CANOPY.
  2. SOAK ROOT BALL AND PLANT PIT IMMEDIATELY AFTER INSTALLATION.
  3. STAKING IS REQUIRED FOR ALL TREES IN R.O.W. OR UPON REQUEST OF ARCHITECT.
  4. REMOVE EXCESS SOIL FROM SITE AND DISPOSE OF IN A LEGAL MANNER.
  5. RESEED UNMULCHED, DISTURBED AREAS.

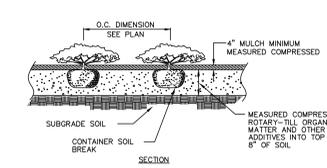
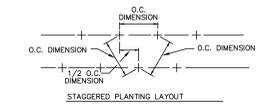


3 Tree Planting Detail  
NTS

- NOTES:
1. SCARIFY ROOT MASS OF CONTAINERIZED PLANT MATERIAL.
  2. INSTALL CONTAINERIZED PLANTS AT FINISHED GRADE.
  3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
  4. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
  5. SOAK EACH PLANT BALL AND IMMEDIATELY AFTER INSTALLATION.



4 Shrub Planting Detail  
NTS



5 Groundcover Planting Detail  
NTS

# Maple Park Expansion Sign Package

## SECTION 10 14 00 - SIGNAGE

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, ~~including General and Supplementary Conditions and Division 01 Specification Sections~~, apply to this Section.

#### 1.2 SUMMARY

- A. The work in these specifications includes the fabrication and installation of exterior signage.

#### 1.3 PERMITS

- A. The contractor shall secure all required sign permits and licenses prior to the purchase of materials or beginning fabrication of any signs as required by local code. The contractor shall notify the Owner immediately of any problems that arise during the permitting process. It is the responsibility of the contractor to allow time in his work schedule for the permitting and inspection process. Securing such permits and inspections in a timely fashion so as to allow subsequent fabrication and installation to be completed on schedule.

#### 1.4 SHOP DRAWINGS

- A. Shop drawings must be furnished for Currituck County review prior to fabrication showing specified materials, construction details dimensions, grade etc.

Note: Designer's Working drawings are for contractor's reference and do not limit contractor from responsibility to ensure appropriate engineering for fabrication and installation. Shop drawings for all items furnished under this Contract shall include a complete sign schedule; scaled message patterns of all Sign Text Layouts, complete fabrication details of all signs; attachment details including all mechanical fasteners, steel support framing, hinges, and removable panels; location, size, dimensions, and finishes, or any other related items necessary to fabricate and install finished signs; and exact identification of all paint colors and paint formulas.

#### 1.5 TEXT/ARROWS/SYMBOLS

- A. Approved text, directional arrows, logos, and symbols are to be provided by Owner for use. Sign fabricator to submit scaled copy layouts for approval.

For conceptual typographic layouts and typestyle per sign type, see Designer's working drawings.

## Maple Park Expansion Sign Package

All symbols or forms used for final sign application or final finishing shall be computer cut. Hand cut letters or symbols are not acceptable.

### 1.6 SUBMITTALS

- A. Submit two (2) complete sets of shop drawings (including text layouts for each sign) at an agreed upon scale, for Owner's review prior to fabrication of all items.

Owner's review does not relieve the contractor from responsibility for errors in dimensions nor for inadequate or improper use of materials for construction.

### 1.7 SUBSTITUTIONS

- A. Any request for substitutions which does not clearly show equality to the Owner's satisfaction will be rejected. The burden of proof that the proposed substitution is equal to and meets the requirements specified and shown in the project documents including type, design, quality, operation, function, use, size, appearance, capability and manufacturer shall be solely the responsibility of the contractor.

### 1.8 STORAGE

- A. All signs, extrusions, graphic or signage material shall not be expose to damaging conditions or abrasion during storage, fabrication, delivery or installation. All signs shall be stored in a weather protected space and not be subject to natural elements as determined in conjunction with the Owner.

### 1.9 GUARANTEE

- A. Contractor shall furnish a written guarantee stating that all materials and workmanship are guaranteed against defects for a period of one (1) year after completion and final acceptance of the work, and that all materials and installation are in complete accordance with these and manufacturer's written specifications and/or recommendations. This guarantee shall be in addition to and not in lieu of other guarantees available to the Owner by North Carolina State Law.

Defects due to faulty material, workmanship or damage to existing surfaces prepared by other trades during the installation of signs and during the guarantee period shall be repaired to the original condition or replaced by the contractor at his expense to the satisfaction of the Owner.

### 1.10 SAFETY CONDITIONS

- A. The contractor shall maintain safety standards for persons employed in accordance with the standards set by the Occupational Safety and Health Act (latest adoption). The Owner and signage designer shall be held harmless for any accident, injury or any other incident resulting from noncompliance with these standards.

## Maple Park Expansion Sign Package

### PART 2 - PRODUCTS

#### 2.1 FABRICATION/MATERIALS

- A. Aluminum plates, extrusions and supports shall conform to the requirements of the design intent details, ASTM standards and all applicable building codes, and shall be as submitted and approved on the shop drawings. All screws, bolts, and fasteners where used with aluminum shall be stainless steel. All fasteners are to be painted. All fastenings shall be as indicated on the drawings and shall be compatible to the materials fastened. Isolation materials shall be provided between unlike metals.

Before fabrication the contractor shall make on-site measurements and verify that site conditions and/or current architectural drawings conform with the signage and graphics drawings and shall be responsible therefore. All work shall be fabricated to approved shop drawings and shall be first class workmanship in accordance with the best trade practices.

All joints, corner, miters, splices, or signage shall be accurately machined, filled, fitted and rigidly framed together at joints and contact points.

All materials are to be as specified on working drawings unless written approval has been obtained for material substitution by the Owner.

#### 2.2 ALUMINUM

- A. All aluminum sheets for signage are to be .125" thickness unless specified otherwise.
- B. All welding is to be seamless welded. All depressions or raised areas, due to welding, must be filled and ground smooth, prior to priming and painting.
- C. All screws, brackets and fasteners in contact with aluminum are to be stainless steel or aluminum, noncorrosive and nonstaining.

#### 2.3 FINISHES

- A. All fabrication materials are to be smooth and free of all defects. Cut lines, welds, slag, dust, dirt, grease and other surface defects are to be removed prior to finishing.

#### 2.4 PRIMING AND PAINTING

- A. All materials are to be applied properly according to manufacturer's recommendations and specifications. All paints, primers, solvents, top coats, etc., are to be chemically compatible.

#### 2.5 PAINT AND VINYL SYSTEM

- A. Paint colors are specified in the drawings using Matthews Paint System.

## Maple Park Expansion Sign Package

The recommended vinyl film system to be Arlon Vinyl Film by Arlon. Vinyl sheeting for sign text messages shall be computer-cut matte finish vinyl film 3.5 mils thick with continuous pressure sensitive adhesive backing.

Paints for aluminum shall be Matthews MAP polyurethane opaque satin paint. MAP is an ultraviolet inhibited aliphatic isocyanate/acrylic system engineered for extreme color and gloss retention. Application shall consist of 1 coat of 74-734 & 74-735 Metal Pretreat @ .25 mils DFT and 2 coats of opaque satin Matthews Acrylic Polyurethane paint of specified color, 1 mil DFT minimum each coat for a total dry film thickness of two (2) mils DFT.

Paints for spraying acrylic shall be matte Matthews Acrylic Polyurethane (MAP). MAP is an ultraviolet inhibited aliphatic isocyanate/acrylic system engineered for extreme color and gloss retention. MAP shall be applied to a total dry film thickness of two (2) mils DFT. Acrylic material shall be 1/16", 1/8" and 1/4" Rohm and Haas Plexiglass, Matte Clear, P-95 finish, or approved equal, as shown on Drawings.

Order to mix paint for each color in quantity to assure consistent application for all signs in a given color. Contractor shall allow paint surfaces to thoroughly air dry for a minimum of forty-eight (48) hours prior to the application of masking film which shall be applied to protect all sign surfaces during shipping and installation.

Matthews Paint Company  
8201 100<sup>th</sup> Street  
Kenosha, WI 53142-7739  
(414) 947-0700  
(800) 323-6593

Arlon Adhesives & Films Division  
2811 South Harbor Blvd.  
Santa Ana, CA 92704-5805  
(714) 540-2811  
(800) 854-0361

Rohm and Haas Plastic  
Technology Center  
P.O. Building 117  
Route 13 & 413  
Bristol, PA 19007  
(215) 785-8000  
Contact: Leroy Peacock

### 2.6 SAMPLES

- A. Contractor shall submit to the Owner 6" x 6" samples of all materials and paint finishes of specified finishes. All submittals shall bear the exact material identification and/or paint formula marked on the back surface.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. All freestanding signs are to be mounted in concrete, except where specified otherwise. Footing size and depth to be determined by contractor. All concrete footings are to be 3000 psi and should be sufficient to ensure the structural stability of the sign unit in high wind conditions.

All free standing signs are to have a concealed sleeve underground to allow for the removal of signs for maintenance and painting. The sleeve system will be set in concrete footings and contain a removable, tamper-proof pin for access.

## Maple Park Expansion Sign Package

All signs are to be level and plumb.

Landscaping is to be provided by Owner.

All signage locations are to be approved by Owner and meet all local zoning codes for setback and height restrictions.

Sign locations are to be staked and identified with the owner, unless otherwise instructed. The contractor is to verify underground utilities with the Owner prior to installation of footings.

Where special job conditions occur or where there is uncertainty as to interpretation, before execution of the work, vendor shall inform the Owner.

### 3.2 CLEANING/PROTECTION REQUIREMENTS

- A. Contractor shall not only protect his work at all times, but shall also protect all adjacent work and materials by suitable covering or other method during progress of his work. They shall remove all rubbish, excess soil and rock, and accumulated materials and shall leave the work in a clean, orderly and acceptable condition. Any existing landscape material that is removed or disturbed during the installation of signs shall be replaced or restored to its original condition.

END OF SECTION 10 14 00



## Digital Outdoor Displays – Currituck North Carolina Project

### 4'x9' Display – 16mm Real Pixel Technology Alternative

### Using Vision iQ Sealed Module System

### Updated quotation # JR12-0132a

**DATE**

Updated May 2, 2013

	<b>P16 Real Pixel</b>
Quantity	1 Double Face Digital Display – Master/Master configuration with embedded PC in each display Synchronous Controller with wireless communications Customer to supply license to Scala communication software
Approximate Box Size – each sign	3' 4.8" high x 8' 7.8" wide x 8.5" deep
LED Display Matrix – each sign	60 pixels H x 160 pixels W
LED Viewing Area	3' 1.8" high x 8' 4.8" wide
Product/Pixel Pitch	20mm Real Pixel (RGB)
LED density per Sq. M.	11,722 LEDs per square meter
Total LEDs per Face	28,800 LEDs per Face
Box Construction	Aluminum with powder coat
Brightness	+8,500 NITs
Ingress Protection	IP67 (front and rear)
Maximum Wattage (full power; pure white)	1,284 watts (398 avg running)
Viewing Angle	160 degrees H x 70 degrees V
Service	Front or Rear Service (assume rear service on pylon)
Operating Temperature	-35° to +122° F

## INCLUDED WITH YOUR DIGITAL DISPLAY PURCHASE

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- Pre-installation structural design support and coordination with architects and project management
- 2 days of onsite technical support and training at time of installation. Includes 2 days of labour, 2 nights accommodations and meals. Any additional days at \$750/day plus all travel and living expenses.
- 5 year parts warranty; lifetime help desk support
- Embedded PC and synchronous controller for communicating via the internet with the display. Customer to provide license to Scala software
- Video Controllers text, graphics, animation, video and live TV capable
- Temperature Sensor
- Mounting Brackets
- Photocell with auto dimming sensor
- Spare parts package
- Mounting brackets
- Customer to bring data and power to digital display. Wireless communication option included
- Shipping to Site
- IP67 waterproof and dust proof modules with 100,000 hours to half brightness.

## INSTALLATIONS SERVICES INCLUDED

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- Pre-installation structural design support and coordination with architects and project management
- 2 days of onsite technical support and training at time of installation. Includes 2 days of labor, 2 nights' accommodations and meals. Any additional days at \$750/day plus all travel and living expenses.
- Installation of Digital Displays on double face monument

## PRICING AND CONDITIONS

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- \$36,490 for digital display, shipping to site and installation

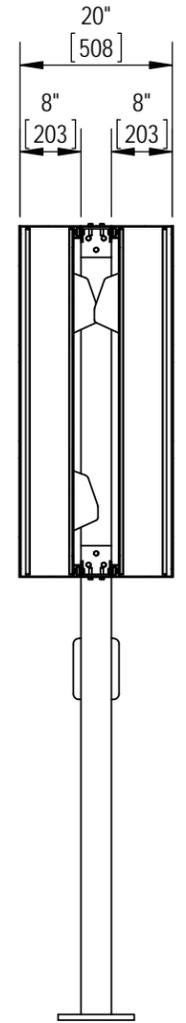
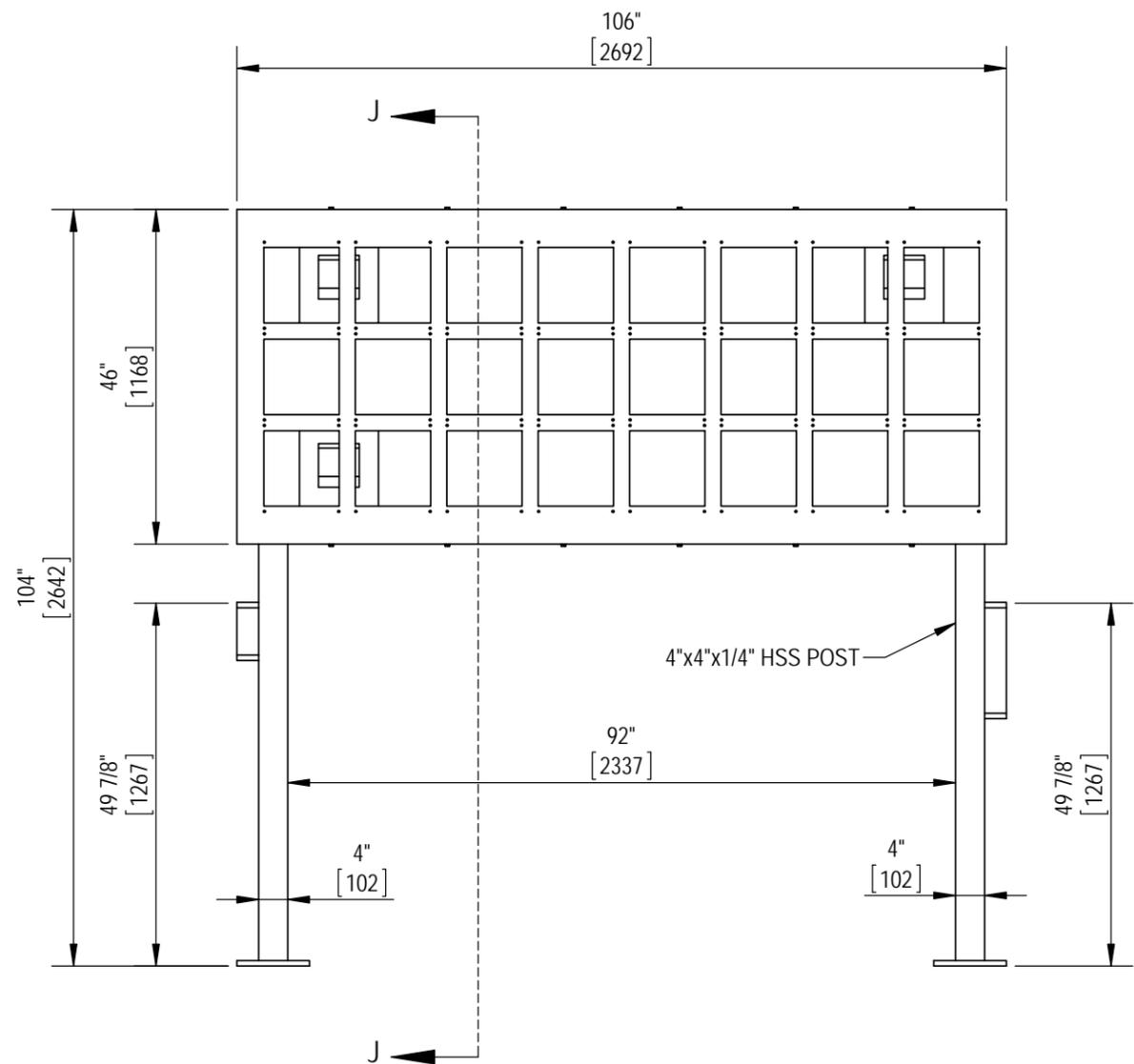
## NOT INCLUDED & TERMS

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- Terms:
  - 50% deposit with order - \$18,245
  - 35% prior to shipment- \$12,800
  - Balance due upon installation - \$5,445
- Pricing valid for 30 days of quote submittal
- Excludes taxes if any
- Excludes all permits, artwork, media stream and approvals supplied by others or extra
- Excludes primary power to the display and final electrical hook-up. Surge protection and grounding of structure by others
- Excludes any additional software packages or 3rd party services
- Monument steel for connecting to digital display mounting brackets by others
- All foundations & brick work by GC or others
- All data cable to "be pulled" by others
- Final electrical by others

Thank you for considering Media Resources Inc. Please review this information carefully and contact us with any questions or comments that you may have.

**Jose Diaz**  
[jdiaz@mediaresources.com](mailto:jdiaz@mediaresources.com)

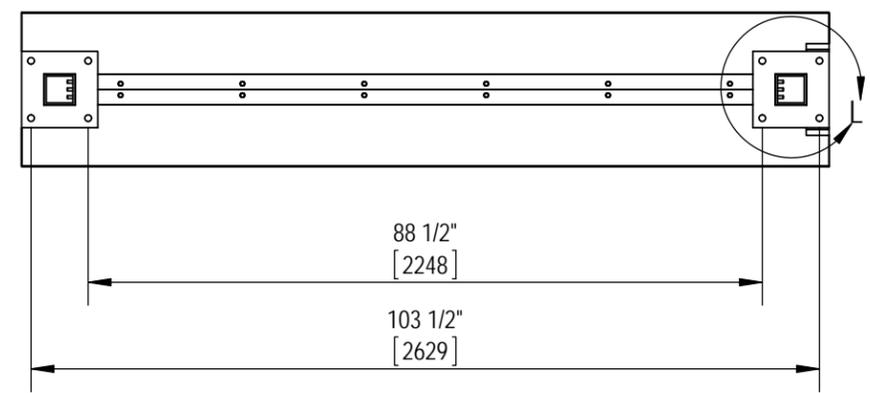
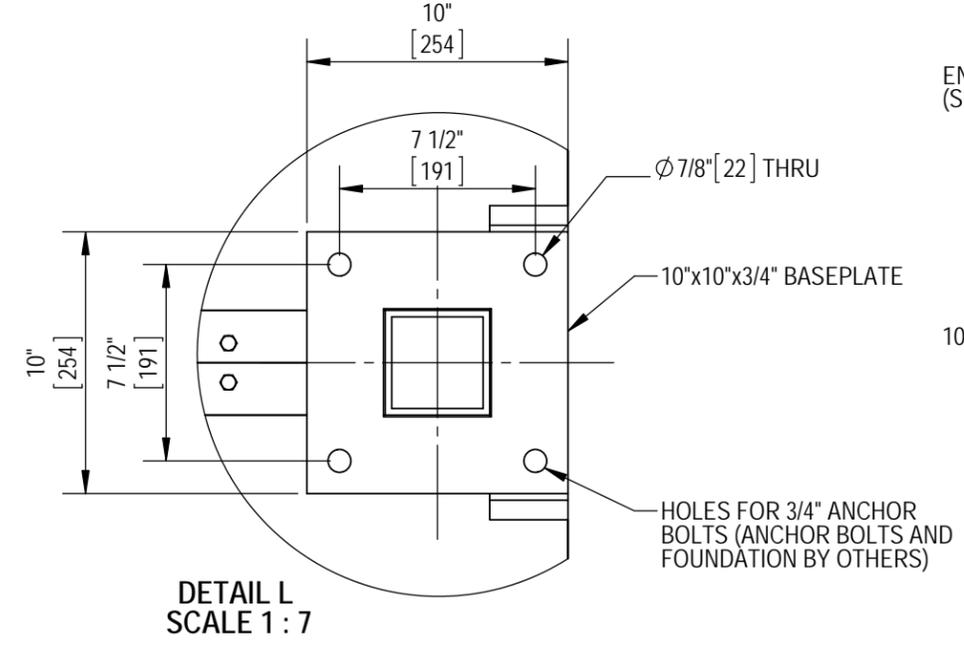
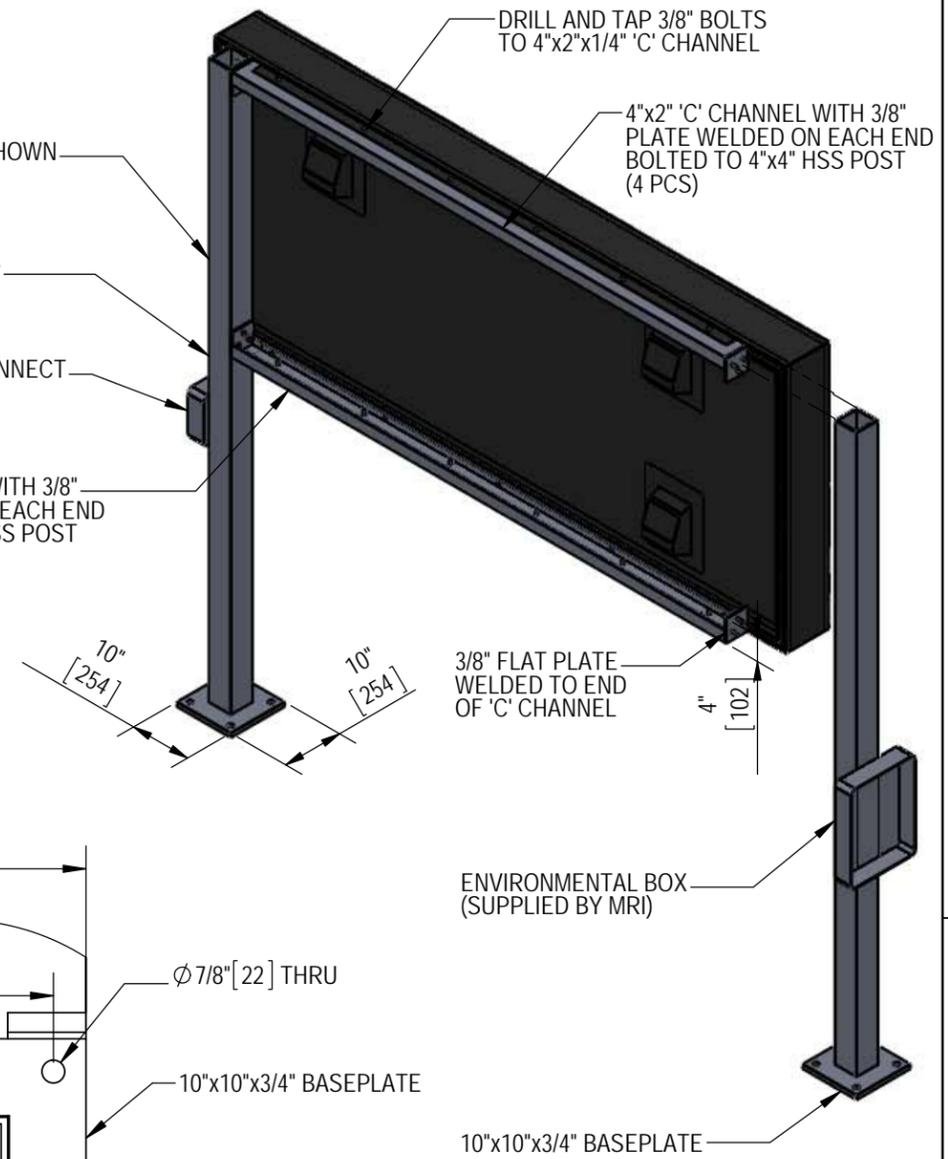


FRONT SIGN NOT SHOWN FOR CLARITY

4"x4"x1/4" HSS POST

ELECTRICAL DISCONNECT SWITCH

4"x2" 'C' CHANNEL WITH 3/8" PLATE WELDED ON EACH END BOLTED TO 4"x4" HSS POST (4 PCS)



**\*\*DIMENSIONS ARE SUBJECT TO CHANGE IF DESIGN INTENT CHANGES**

UNLESS OTHERWISE SPECIFIED  
DO NOT SCALE DRAWING  
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994  
DIMENSIONS ARE IN INCHES  
TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	32 μ in



**MEDIA RESOURCES INTERNATIONAL**  
1387 CORNWALL ROAD OAKVILLE ONTARIO  
TEL: 1.800.667.4554 FAX: 1.905.337.9531

**SITE DETAILS**

DRAWN BY <b>ROBERT YORK</b>		DATE MAR 27, 2013		SIZE <b>B</b>	DRAWING NO. <b>MW12220A</b>	REVISION <b>-</b>
CHECKED BY <b>KEITH EDWARDS</b>		DATE MAR 27, 2013				
APPROVED <b>KEITH EDWARDS</b>		DATE MAR 28, 2013		SCALE 1:24	WEIGHT lbs	SHEET 1 OF 1

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