



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

September 11, 2017

**Addendum No. 1**

Contract No.: DA00388

WBS Element: 44973.3.1 & 44973.3.2

*Construction of Two (2) Open-Air Passenger Shelters, One (1) Bathroom Addition,  
Two (2) New Parking Areas and Existing Parking Area Asphalt Overlay*

To Whom It May Concern:

Reference is made to the proposal and plans previously furnished for this project.


The following revisions have been made to the proposal:

**Please see the attached sheets for further explanation of addenda items and revised plan sheets. Staple revised pages to the original documents and insert additional pages in the appropriate location.**

**“Concrete Washout Structure Detail”** has been included, for your reference.

**“DA00388.EBS File”** has been revised. If you choose the “Electronic Bid Preparation with Manual Delivery Method,” place DA00388.001 in the same folder with DA00388.EBS, so that Expedite Bid will properly apply the addendum.

Sincerely,

DocuSigned by:  
  
CDAEAC77A6394FB...

C. E. Slachta  
Division Proposals Engineer

Cc: C. W. Bridgers Jr., PE  
C. S. Mebane, PE  
S. D. Baker, PE

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION ONE  
113 AIRPORT DRIVE, SUITE 100  
EDENTON, NC 27932

*Telephone:* (252) 482-1850  
*Fax:* (252) 482-8722  
*Customer Service:* 1-877-368-4968

*Website:* www.ncdot.gov

*Location:*  
113 AIRPORT DRIVE, SUITE 100  
EDENTON, NC 27932

**ADDENDUM NO. 1**

**DATE: 9-11-2017**

**TO: ALL BIDDERS**

**RE: NCDOT OCRACOKE ISLAND PASSENGER TERMINAL**  
**SCO ID #17-17066-01A**  
Project No. 2016-26

The following corrections, clarifications, or supplemental information is to be incorporated into the Contractor(s) bid to perform the Work:

**CHANGES TO DRAWINGS:**

1. Drawing A1.2 dated 5-1-2017; Floor Plan A15; Change section marker D11/A3.2 to D7/A3.2.
2. Add 'Flood Vent' to each new toilet room door and one in each toilet room exterior wall as located in the field by the Architect. Six total doors will be required. Flood vents are to be 16" wide x 8" high T316L stainless steel. The vent door is latched closed until it comes in contact with flood water. Entering flood water lifts the patented internal floats which unlatch and allow the door to rotate open. This allows the flood water to automatically enter and exit through the frame opening, relieving the pressure from the foundation walls. Certified flood debris clearance is demonstrated with a 3" diameter opening when the flood door is activated. A bimetal coil automatically opens and closes the ventilation louvers as temperature changes. No electricity is required. The louvers will be fully closed at 35F and fully open at 75F. In the event of a flood the internal floats lift to release the flood door to rotate open and relieve the hydrostatic pressure regardless of the louvers' position, open or closed.
3. Drawing A0.0; APPENDIX B; Change Allowable Height Number from 65' to 40'.

**CLARIFICATIONS:**

1. Special Inspections Requirements; Special Inspections for pile driving are to be continuous.
2. Shut-off valve on the domestic water supply pipe outside the building should be located **within 5 feet** of the foundation wall in a readily accessible valve box or within the building in a location where it may be accessed without the use of a ladder or a tool in accordance with 2012 NC Plumbing Code 606.1.2

**CHANGES TO SPECIFICATIONS**

1. None

**END OF ADDENDUM NO. 1 (TOTAL NUMBER OF PAGES = 1)**

Attachments:

1. As noted

**ADDENDUM NO. 1****DATE: 9-11-2017****TO: ALL BIDDERS****RE: NCDOT HATTERAS ISLAND PASSENGER TERMINAL**  
**SCO ID #17-17067-01A**  
Project No. 2016-26

The following corrections, clarifications, or supplemental information is to be incorporated into the Contractor(s) bid to perform the Work:

**CHANGES TO DRAWINGS:**

1. Drawing A1.2 dated 5-1-2017; Floor Plan A15; Change section marker D11/A3.2 to D7/A3.2.
2. Drawing A0.0; APPENDIX B; Change Allowable Height Number from 65' to 40'.
3. Drawing C102; Revised location and connections for new sewer line, revised configuration for chain link fence adjacent to terminal building, revised background detail to more accurately reflect new gangway location and terminal configuration, new drawing is attached
4. Drawing C204; Revised note for handicapped parking signage, removed 8" thermoplastic crosswalk striping from gangway area (TQ), edited striping adjacent to rope fence, new drawing is attached
5. Added sheet C201A; Additional details for sewer connection and handicapped signs, new drawing is attached
6. Drawing SP1.1; edited concrete apron and walkway to gangway, edited rope fence location
7. Drawing A1.1; edited concrete apron and walkway to gangway, edited rope fence location
8. Drawing A5.1; edited to include conduit and coax cable for security cameras

**CLARIFICATIONS:**

1. Special Inspections Requirements; Special Inspections for pile driving are to be continuous.

**CHANGES TO SPECIFICATIONS**

**Polyvinyl Chloride (PVC) Pipe:** Unless amended on the Construction Drawings or elsewhere in these specifications, all 2" force main pipe shall be PVC 1120 in accordance with ASTM D-2241. The pipe shall be minimum Pressure Class 200 with a SDR of 14 or less for C-900 pipe and a SDR of 21 or less for ASTM 2241 pipe. PVC Pressure Pipe shall be made from green pigmented virgin materials and shall be furnished in lengths of 20 feet. Lesser lengths will be accepted to allow the proper placement of fittings, valves, etc. All PVC force main pipe will be shipped, stored, and strung at the project in such a manner as to be protected from total accumulated exposure to sunlight and possible ultraviolet radiation of no more than four (4) weeks.

- a. **Push on Joint:** Pipe jointing will be by elastomeric joints only. Joints shall conform to ASTM D-3139 for two inch pipe and to AWWA C-900 for six, eight and twelve inch

pipe. Pipe bells, with gasket seats, shall be formed as the pipe is extruded. Sleeve couplings are not permitted except as specified in the DS Section for connections to existing mains or as necessary for repairs during pressure/leakage tests.

PVC Fittings: All fittings for six, eight and twelve inch PVC pipe shall be cast iron or ductile iron as specified below. Fittings for two inch PVC pipe shall be push on joint PVC or threaded malleable iron. Malleable iron fittings shall be furnished with threaded PVC adapters to connect the fittings to the push on joint pipe. Elastomeric joints for PVC adapters and PVC fittings with push on joints shall conform to ASTM D-3139. PVC adapters and fittings shall have a minimum pressure rating of 200 PSI and shall, except for threaded areas on adapters, have a SDR of 13.5. Concrete thrust blocks are to be provided at all bends or restrained joints must be used.

**CHANGES TO PAY ITEMS**

<b><u>ITEM NUMBER</u></b>	<b><u>SECTION</u></b>	<b><u>UNITS</u></b>	<b><u>DESCRIPTION</u></b>
3554000000-E	866	2 EA	METAL GATE POSTS FOR 72" CHAIN LINK FENCE
3565000000-E	866	1 EA	DOUBLE GATES, 72" HIGH, 16' WIDE OPENING

**Removed "Thermoplastic Pavement Marking Lines (8", 120 MILS)" and "Field Laboratory Rental, Port Cem Conc Pavement" from pay items, no longer needed.**

**END OF ADDENDUM NO. 1 (TOTAL NUMBER OF PAGES = 2)**

Attachments:

1. As noted

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
HIGHWAY DIVISION 1

**PROPOSAL**

**DATE AND TIME OF BID OPENING: SEPTEMBER 20, 2017 AT 2:00 PM**

**CONTRACT ID: DA00388**

**WBS ELEMENT NO.: 44973.3.1 & 44973.3.2**

**FEDERAL AID NO.: NCFB-0012(66)**

**STIP NO.: F-5702A & F-5702B**

**COUNTIES: DARE & HYDE**

**ROUTE NO.: NC12**

**TYPE OF WORK: CONSTRUCTION OF TWO (2) OPEN-AIR PASSENGER SHELTERS,  
ONE (1) BATHROOM ADDITION, TWO (2) NEW PARKING AREAS,  
AND EXISTING PARKING AREA ASPHALT OVERLAY**

**NOTICE:**

**ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.**

**THIS IS A DIVISION LET PROJECT**

**5% BID BOND OR BID DEPOSIT REQUIRED**

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**NAME OF BIDDER**

---

**ADDRESS OF BIDDER**

## INSTRUCTIONS TO BIDDERS

**PLEASE READ ALL INSTRUCTIONS CAREFULLY  
BEFORE PREPARING AND SUBMITTING YOUR BID.**

**All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement may cause the bid to be considered irregular and may be grounds for rejection of the bid.**

### **ELECTRONIC BID PREPARATION WITH MANUAL DELIVERY:**

1. Download the entire proposal and EBS file from the Connect NCDOT website and return the entire proposal with your bid.
2. Expedite software necessary for electronic bid preparation may be downloaded from the Connect NCDOT website at: <https://connect.ncdot.gov/letting/Pages/EBS-Information.aspx>
3. Bid shall be prepared in Expedite, printed, signed and placed in paper proposal. The EBS file should be saved to a CD and submitted with signed paper proposal.
4. The Bidder shall submit a unit price for every item on the itemized proposal sheet. The unit prices for the various contract items shall be written in figures. Unit prices shall be rounded off by the Bidder to contain no more than FOUR decimal places.
5. Changes to any entry shall be made to the EBS file, reprinted, signed and placed in the paper proposal. The corrected file shall be saved to a CD and submitted with signed paper proposal.
6. The bid shall be properly executed on the included **Execution of Bid – Non-collusion Affidavit, Debarment Certification and Gift Ban Certification** form. All bids shall show the following information:
  - a. Name of corporation, partnership, Limited Liability Company, joint venture, individual or firm, submitting bid. Corporations that have a corporate seal shall include it on the bid.
  - b. Name of individual or representative submitting bid and position or title held on behalf of the bidder.
  - c. Name, signature, and position or title of witness.
  - d. Completed attestation by Notary Public
- Note: Signer, Witness and Notary Public must be different individuals.**
7. The bid shall not contain any unauthorized additions, deletions, or conditional bids.
8. The Bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
9. **THE PROPOSAL WITH THE ITEMIZED PROPOSAL SHEET ATTACHED AND EBS FILE SHALL BE PLACED IN A SEALED ENVELOPE AND SHALL BE DELIVERED TO AND RECEIVED IN THE NCDOT DIVISION ONE OFFICE, LOCATED AT 113 AIRPORT DRIVE, SUITE 100, EDENTON, NC 27932 LOCATED APPROXIMATELY 5 MILES SOUTHEAST OF EDENTON, JUST OFF NC 94 ON AIRPORT DRIVE IN THE NORTHEASTERN REGIONAL AIRPORT BUILDING, BY 2:00 P.M. ON, WEDNESDAY, SEPTEMBER 20, 2017**
10. The sealed bid must display the following statement on the front of the sealed envelope:

**QUOTATION FOR DA00388 – CONSTRUCTION OF FERRY TERMINAL IMPROVEMENTS AT HATTERAS AND OCRACOKE (SILVER LAKE), TO BE OPENED AT 2:00 P.M. ON WEDNESDAY SEPTEMBER 20, 2017**

11. If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

**N. C. DEPARTMENT OF TRANSPORTATION  
ATTN: Chris Slachta  
113 Airport Drive, Suite 100  
Edenton, NC 27932**

### **ELECTRONIC ON-LINE BID THRU BID EXPRESS:**

1. Download entire proposal from Connect NCDOT website. Download EBS file from Connect NCDOT or Bid Express websites.
2. Prepare and submit EBS file using Expedite software.
3. Expedite software necessary for electronic bid preparation may be downloaded from the Connect NCDOT website at: <https://connect.ncdot.gov/letting/Pages/EBS-Information.aspx>

**CONTRACT TIME AND LIQUIDATED DAMAGES:**

(7-1-95) (Rev. 12-18-07)

108

SP1 G10 A

The date of availability for this contract is **October 23, 2017**.

The completion date for this contract is **May 24, 2018**.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **Two Hundred Fifty Dollars (\$ 250.00)** per calendar day.

**INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:**

(2-20-07)

108

SP1 G14 A

The Contractor shall not perform any work on this project during the following time restrictions:

**DAY AND TIME RESTRICTIONS**

**MONDAY-THURSDAY** FROM THIRTY (30) MINUTES BEFORE SUNSET TO THIRTY (30) MINUTES AFTER SUNRISE THE FOLLOWING DAY

AND

**FRIDAY** FROM THIRTY (30) MINUTES BEFORE SUNSET TO THIRTY (30) MINUTES AFTER SUNRISE THE FOLLOWING **MONDAY AND THE CONTRACTOR SHALL NOT PERFORM ANY WORK ON ALL WEEKENDS (FRIDAY THROUGH SUNDAY) WITHOUT PRIOR AUTHORIZATION BY THE ENGINEER.**

In addition, the Contractor shall not perform any work on this project and/or alter the traffic flow on or during holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

**HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS**

1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of 30 minutes before sunset. December 31st until 30 minutes after sunrise January 2nd. If New Year's Day is on Saturday or Sunday, then until 30 minutes after sunrise the following Tuesday.
3. For Easter, between the hours of 30 minutes before sunset Thursday and 30 minutes after sunrise Monday.
4. For **Memorial Day**, between the hours of 30 minutes before sunset Friday and 30 minutes after sunrise Tuesday.
5. For **Independence Day**, between the hours of 30 minutes before sunset the day before Independence Day and 30 minutes after sunrise the day after Independence Day.

If Independence Day is on a Saturday or Sunday, then between the hours of 30 minutes before sunset the Thursday before Independence Day and 30 minutes after sunrise the Tuesday after Independence Day.

County : Dare, Hyde

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB-BING	0.3 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	200 CY		
0006	0255000000-E	SP	GENERIC GRADING ITEM (WASHED #57 STONE)	33 TON		
0007	0331000000-E	SP	GENERIC DRAINAGE ITEM (CONCRETE SPILLWAY LIP)	2.5 CY		
0008	0542000000-E	310	*** PVC PIPE CULVERTS (8")	18 LF		
0009	0986000000-E	SP	GENERIC PIPE ITEM (8" PREFORATED PVC PIPE)	182 LF		
0010	1121000000-E	520	AGGREGATE BASE COURSE	1,358 TON		
0011	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	800 TON		
0012	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	50 TON		
0013	1858000000-E	710	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (6")	175 SY		
0014	1902000000-N	710	SURFACE TESTING CONCRETE PAVE- MENT	Lump Sum	L.S.	
0015	2022000000-E	815	SUBDRAIN EXCAVATION	25 CY		
0016	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	122 SY		
0017	2591000000-E	848	4" CONCRETE SIDEWALK	82 SY		
0018	2605000000-N	848	CONCRETE CURB RAMP	3 EA		



County : Dare, Hyde

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	2759000000-N	SP	GENERIC PAVING ITEM (CONCRETE WHEEL STOPS)	46 EA		
0020	2759000000-N	SP	GENERIC PAVING ITEM (REMOVE & REPLACE CONCRETE CUR B RAMP)	6 EA		
0021	3533000000-E	866	CHAIN LINK FENCE, *** FABRIC (72")	790 LF		
0022	3539000000-E	866	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")	70 EA		
0023	3545000000-E	866	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")	15 EA		
0024	3551000000-E	866	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (72", SINGLE GATE)	2 EA		
0025	3554000000-E	866	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (72", DOUBLE GATE)	2 EA		
0026	3564000000-E	866	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (72", 6', 6')	1 EA		
0027	3565000000-E	866	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (72", 8', 16')	1 EA		
0028	3572000000-E	867	CHAIN LINK FENCE RESET	340 LF		
0029	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	150 SY		
0030	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (METAL)	3 EA		
0031	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	128 SF		
0032	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0033	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	5,076 LF		

County : Dare, Hyde

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	25 LF		
0035	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	950 LF		
0036	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	110 LF		
0037	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	7 EA		
0038	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	24 EA		
0039	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM (STEEL PIPE BOLLARDS)	2 EA		
0040	5709300000-E	1520	6" FORCE MAIN SEWER	300 LF		
0041	6000000000-E	1605	TEMPORARY SILT FENCE	1,625 LF		
0042	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	75 TON		
0043	6015000000-E	1615	TEMPORARY MULCHING	0.5 ACR		
0044	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	100 LB		
0045	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	0.5 TON		
0046	6071010000-E	SP	WATTLE	30 LF		
0047	6084000000-E	1660	SEEDING & MULCHING	0.5 ACR		
0048	6087000000-E	1660	MOWING	0.5 ACR		
0049	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0050	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0051	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB		
0052	6102000000-E	1664	SODDING	400 SY		

County : Dare, Hyde

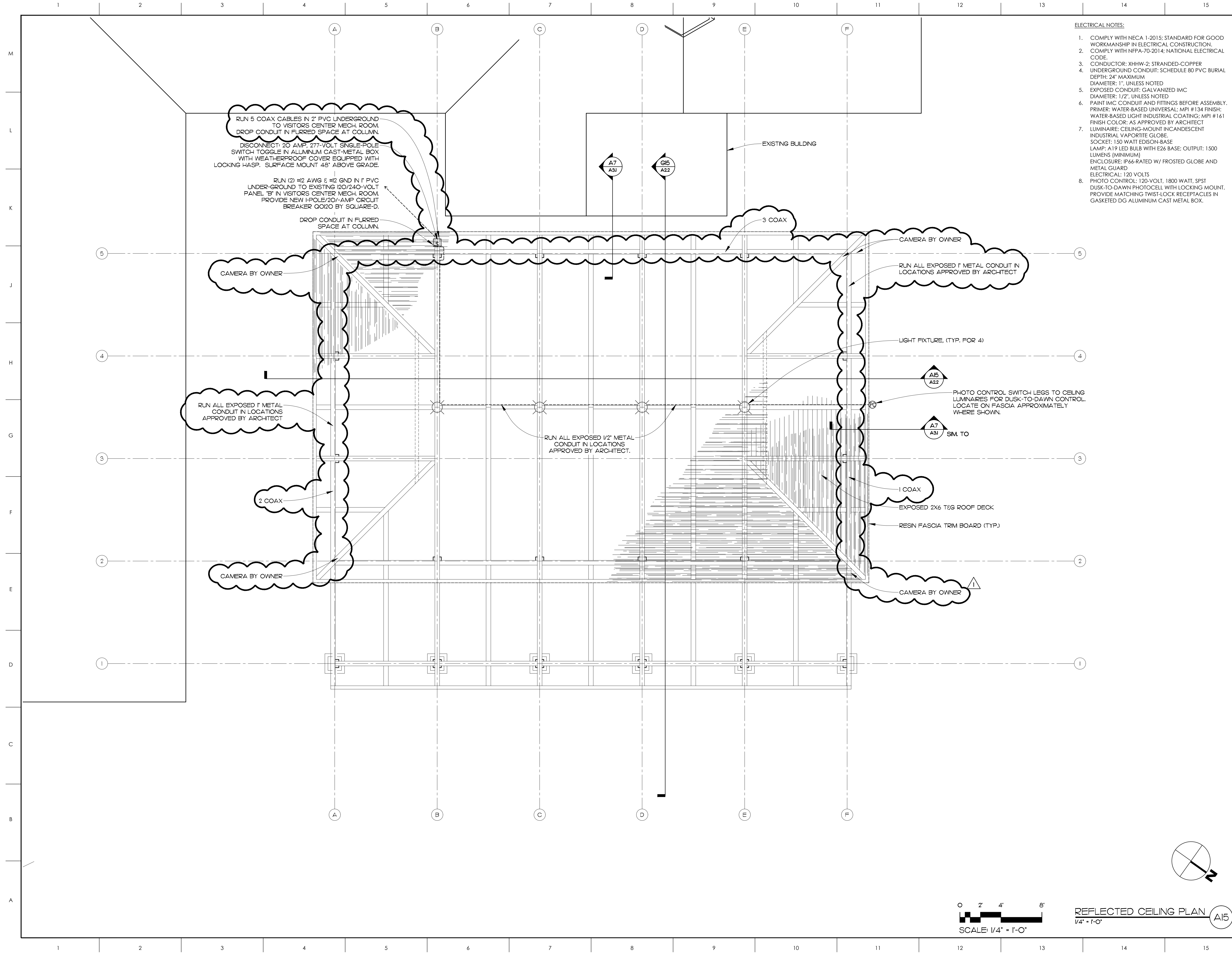
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0053	6108000000-E	1665	FERTILIZER TOPDRESSING	0.25	TON	
0054	6114500000-N	1667	SPECIALIZED HAND MOWING	10	MHR	
0055	6132000000-N	SP	GENERIC EROSION CONTROL ITEM (CONCRETE WASHOUT STRUCTURE)	2	EA	

**STRUCTURE ITEMS**

0056	8860000000-N	SP	GENERIC STRUCTURE ITEM (HATTERAS TERMINAL PASSENGER S HELTER)	Lump Sum	L.S.	
0057	8860000000-N	SP	GENERIC STRUCTURE ITEM (OCRACOKE TERMINAL BATHROOMS)	Lump Sum	L.S.	
0058	8860000000-N	SP	GENERIC STRUCTURE ITEM (OCRACOKE TERMINAL PASSENGER S HELTER)	Lump Sum	L.S.	

1123/Sep11/Q13451.3/D226510410000/E58

Total Amount Of Bid For Entire Project :



- ELECTRICAL NOTES:**
1. COMPLY WITH NECA 1-2015; STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION.
  2. COMPLY WITH NFPA-70-2014; NATIONAL ELECTRICAL CODE.
  3. CONDUCTOR: XHHW-2; STRANDED-COPPER
  4. UNDERGROUND CONDUIT: SCHEDULE 80 PVC BURIAL DEPTH: 24" MAXIMUM DIAMETER: 1", UNLESS NOTED
  5. EXPOSED CONDUIT: GALVANIZED IMC DIAMETER: 1/2", UNLESS NOTED
  6. PAINT IMC CONDUIT AND FITTINGS BEFORE ASSEMBLY. PRIMER: WATER-BASED UNIVERSAL; MPI #134 FINISH: WATER-BASED LIGHT INDUSTRIAL COATING; MPI #161 FINISH COLOR: AS APPROVED BY ARCHITECT
  7. LUMINAIRE: CEILING-MOUNT INCANDESCENT INDUSTRIAL VAPORITE GLOBE. SOCKET: 150 WATT EDISON-BASE LAMP: A19 LED BULB WITH E26 BASE; OUTPUT: 1500 LUMENS (MINIMUM) ENCLOSURE: IP66-RATED W/ FROSTED GLOBE AND METAL GUARD ELECTRICAL: 120 VOLTS
  8. PHOTO CONTROL: 120-VOLT, 1800 WATT, SPST DUSK-TO-DAWN PHOTOCELL WITH LOCKING MOUNT. PROVIDE MATCHING TWIST-LOCK RECEPTACLES IN GASKETED DG ALUMINUM CAST METAL BOX.

**MATERIALS KEYING LEGEND**

Professional Engineer Seal for David P. Toduck, North Carolina, Seal 18870, dated 2-27-17.

**GENERAL NOTES**

PHOTO CONTROL SWITCH LEGS TO CEILING LUMINAIRES FOR DUSK-TO-DAWN CONTROL. LOCATE ON FASCIA APPROXIMATELY WHERE SHOWN.

**KEY PLAN**



SCO ID # 17-17067-01A

NO	REVISION	DATE
1	DATA REVISIONS	9-6-2017

Professional Engineer Seal for John K. Farkas, North Carolina, Seal 5922, dated 9-6-2017.

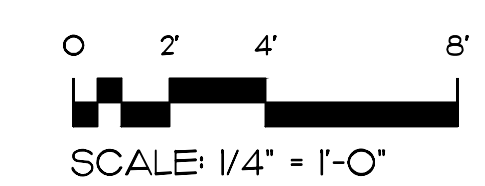
**JKF ARCHITECTURE**

625 LYNDALE CT, SUITE F, GREENVILLE, NC 27858 252-355-1068

**NCDOT HATTERAS ISLAND PASSENGER TERMINAL**  
HATTERAS ISLAND, NC

**REFLECTED CEILING PLAN**

SCALE	1/4" = 1'-0"	DRAWING NO.	A5.1
DRAWN	MCZ		
CHECKED	JKF		
DATE	5-1-2017		
PROJECT NO.	2016-26		



**REFLECTED CEILING PLAN** A15



REVISED 9/11/17

N.C.D.O.T.  
PB 8, PG. 53  
D.B. 194, PG. 828  
D.B. 284, PG. 477

U.S. DEPT. OF INTERIOR  
NATIONAL PARK SERVICE  
(US COAST GUARD)

U.S. DEPT. OF INTERIOR  
NATIONAL PARK SERVICE  
(CAPE HATTERAS NATIONAL SEASHORE)

MATERIALS KEYING LEGEND

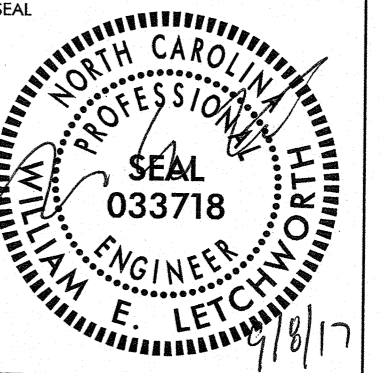
GENERAL NOTES

KEY PLAN

SCO ID # 17-17066-01A

- ▲ EDITED HANDICAPPED NOTE
- ▲ MOD. YELLOW EDGELINE REMOVED 8" CROSSWALK LINE

NO	REVISION	DATE



1001 USA 404 HATTERASVILLE ST., SUITE 1500, RALEIGH, N.C. 27601 919-856-4040  
LICENSE NO. 033718

NCDOT HATTERAS ISLAND  
PASSENGER TERMINAL

HATTERAS ISLAND, NC

PAVEMENT MARKING

SCALE	1" = 30'	DRAWING NO.	<b>C204</b>
DRAWN	EDM		
CHECKED	WEL		
DATE	9-8-2017		
PROJECT NO.	1188360P		

© COPYRIGHT, JKF ARCHITECTURE PC, JOHN K. FARKAS, AIA

1 CONCRETE  
C200 WHEEL STOP

1 CONCRETE  
C200 WHEEL STOP

1 CONCRETE  
C200 WHEEL STOP

INSTALL HANDICAPPED  
ACCESSIBLE PARKING SIGNS ON  
POSTS PER 502.7 OF ICC/ANSI A117.1  
(SEE DETAIL #2 SHEET C201A)

HANDICAPPED  
ACCESSIBLE  
ROUTE

LOCATE 12 INCHES NORTH  
OF ROPE FENCE AS SHOWN  
ON SHEET SP1.1

COAST GUARD RD  
SR 1499

COAST GUARD RD  
SR 1499

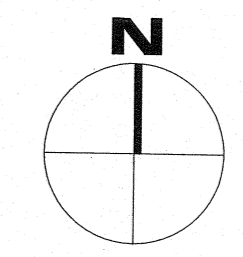
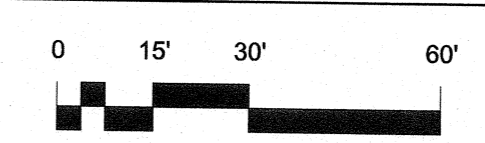
COAST GUARD RD  
(60' R/W)

PAVEMENT MARKING SCHEDULE  
SYMBOL DESCRIPTION

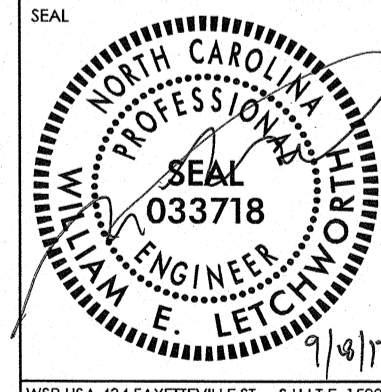
TA	WHITE EDGELINE (4", 90 MIL)
TB	YELLOW EDGELINE (4", 90 MIL)
TO	WHITE DIAGONAL (8", 90 MIL)
UC	STRAIGHT ARROW (90 MIL)
UH	HANDICAP PARKING (90 MIL)

THIS DOCUMENT ORIGINALLY  
ISSUED AND SEALED BY  
WILLIAM E. LETCHWORTH  
SEAL 033718 ON 07-26-2017  
NAME OF SEALER DATE OF SEALING

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Professional Engineer Seal for William E. Letchworth, License No. 033718, State of North Carolina, dated 9/11/17.



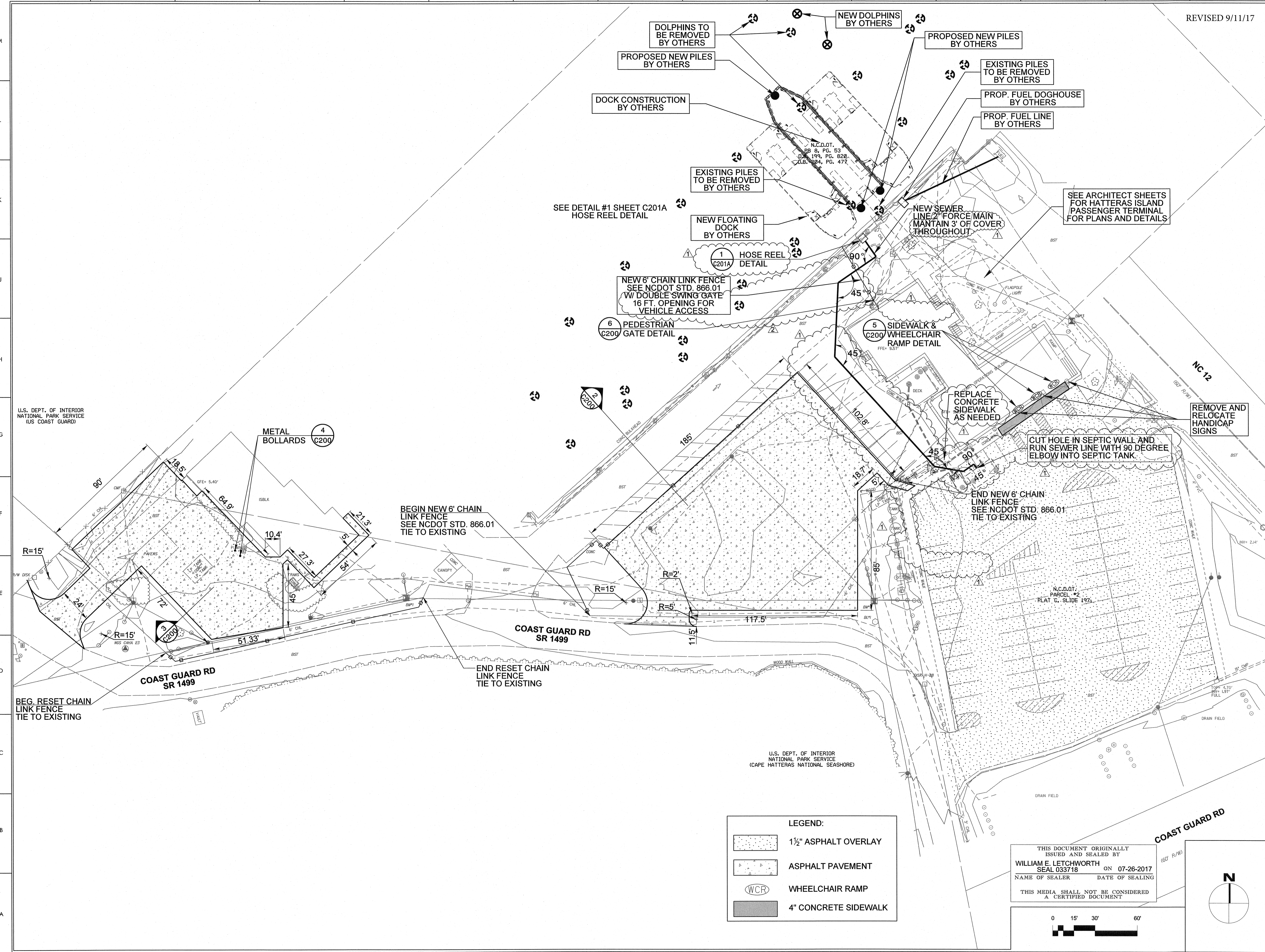
WSP logo

NCDOT HATTERAS ISLAND PASSENGER TERMINAL

HATTERAS ISLAND, NC

DRAWING TITLE SITE LAYOUT

SCALE	1" = 30'	DRAWING NO.	C102
DRAWN	EDM		
CHECKED	WEL		
DATE	9-7-2017		
PROJECT NO.	I188360P		



U.S. DEPT. OF INTERIOR NATIONAL PARK SERVICE (US COAST GUARD)

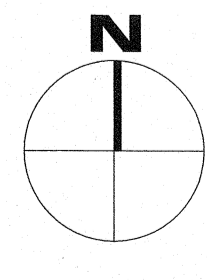
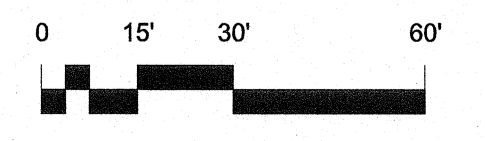
U.S. DEPT. OF INTERIOR NATIONAL PARK SERVICE (CAPE HATTERAS NATIONAL SEASHORE)

LEGEND:

- 1 1/2" ASPHALT OVERLAY
- ASPHALT PAVEMENT
- WCR WHEELCHAIR RAMP
- 4" CONCRETE SIDEWALK

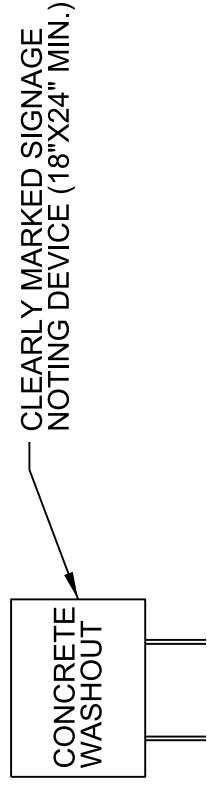
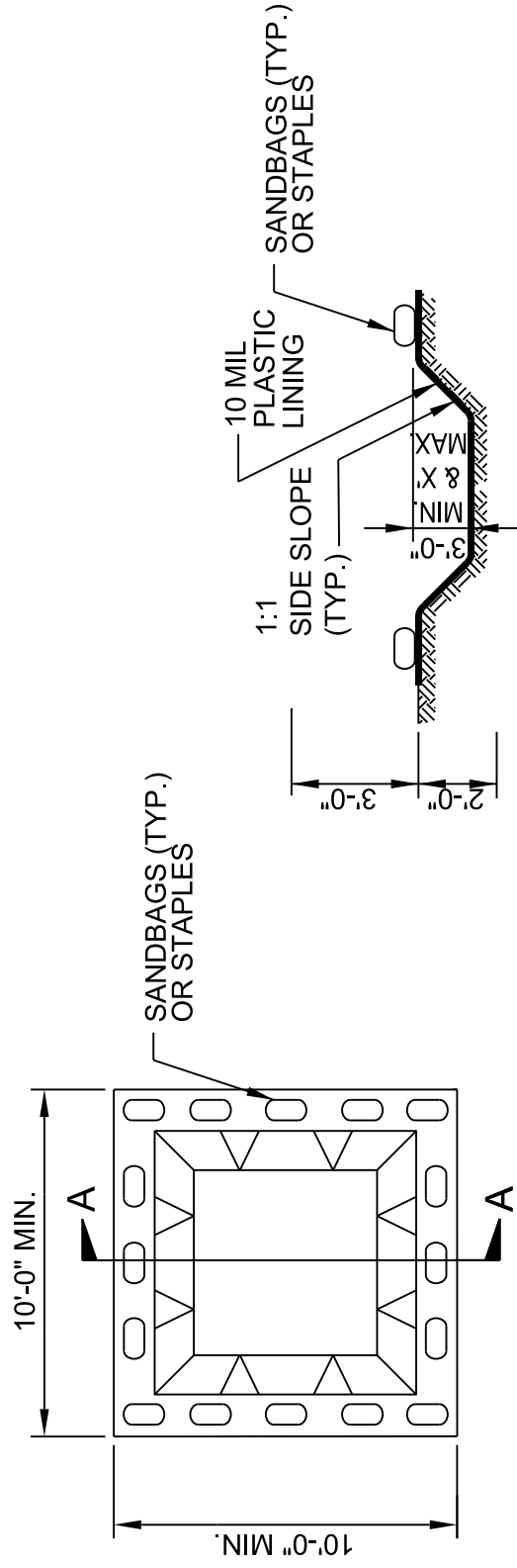
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# WITH LINER, NO GRAVEL APPROACH

## ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



### SECTION A-A

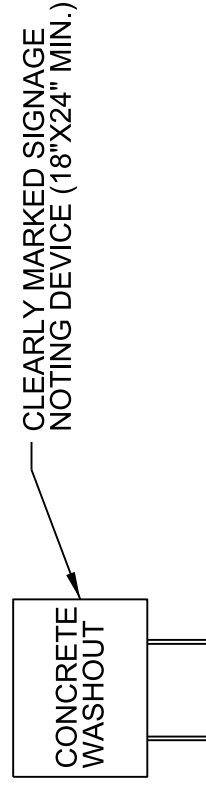
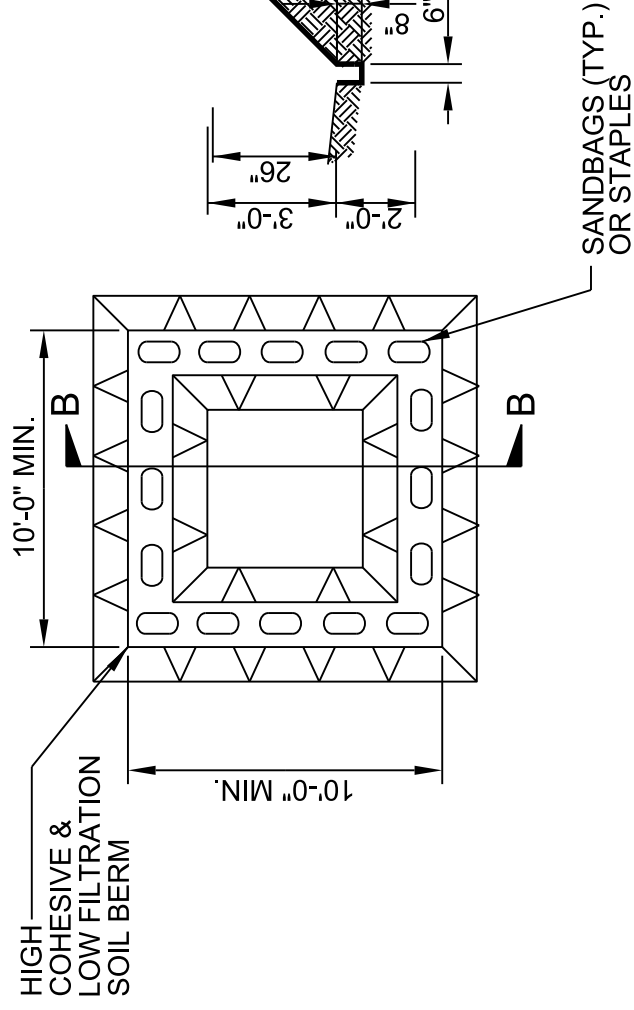
#### NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

### PLAN

## BELOW GRADE WASHOUT STRUCTURE

NOT TO SCALE



#### NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

### PLAN

## ABOVE GRADE WASHOUT STRUCTURE

NOT TO SCALE

PRELIMINARY DESIGN  
NOT FOR CONSTRUCTION