

**ADDENDUM # 1**  
Parker Gray Field

March 06, 2019

This document shall become attached to and part of the Construction Documents for the aforementioned project.

**BID ALTERNATE DESCRIPTION**

Provide additive alternate bid to include pricing for:

- Field lighting poles (F1,F2,F3,F4), fixtures and associated wiring per schedule on E1.02
- (4) 30A 480V/3P Musco Field lighting contactors and enclosures
- 2.2kVA emergency lighting inverter
- Wiring from Elec/Mech room 105B in storage building to field lighting poles

Base bid in relation to athletic lighting shall include:

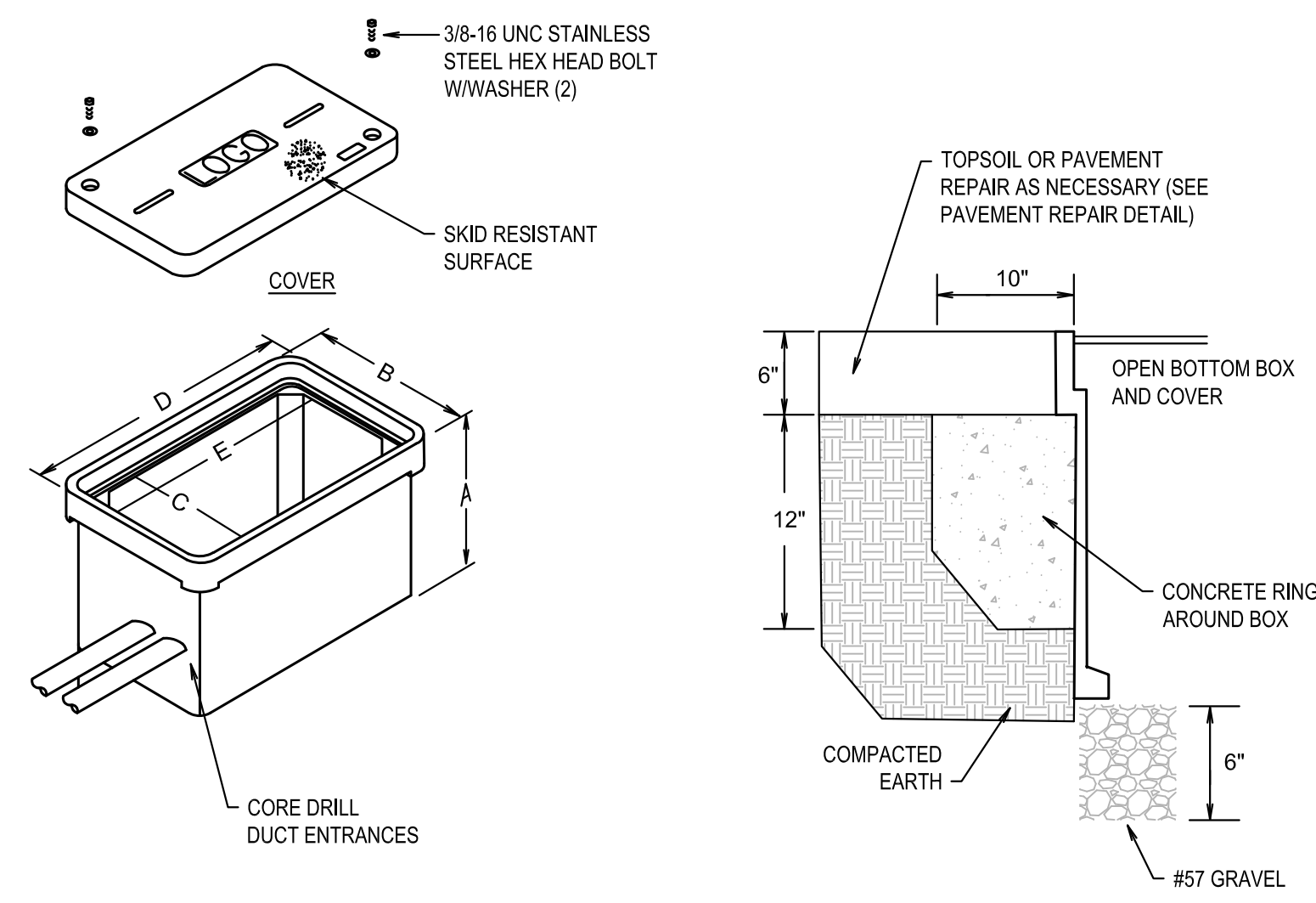
- Normal and emergency conduits from Elec/Mech room 105B in storage building to field lighting poles
- Pole foundations and conduit rough ins per detail 5 on E0.02
- Circuit breakers for athletic lighting contactors and emergency lighting inverter in panel DPH
- Pedestrian lighting poles and fixtures (ST1,ST2) per schedule on E0.01

**DRAWINGS**

<u>ITEM</u>	<u>SHEET NO.</u>	<u>DESCRIPTION</u>
ED-1	E0.02	See revised sheet.

END OF ADDENDUM # 1

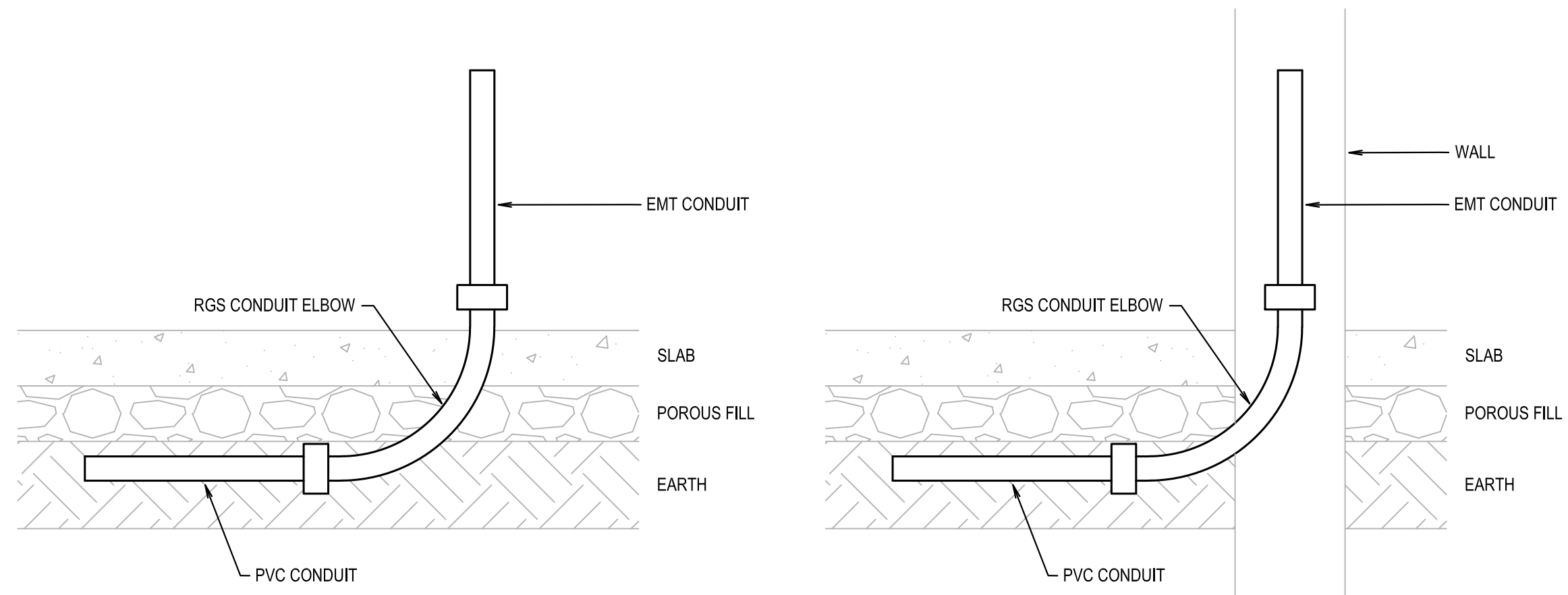
Q:\HCM\16126 - PARKER GRAY FIELD\C\_BID\2\_ADDENDA\ADDENDUM 1



**1**  
E0.02  
**IN-GRADE PULL BOX DETAIL**  
SCALE: NONE

- NOTES:
- HOUSING SHALL BE A POLYMER CONCRETE REINFORCED WITH A HEAVY WEAVE FIBERGLASS REINFORCING WITH COMPRESSIVE STRENGTH OF NO LESS THAN 10,000 PSI.
  - PROVIDE STAINLESS STEEL BOLTS AND INSERTS.
  - COORD BOX LOCATION WITH OTHER UG UTILITIES.
  - DO NOT INSTALL IN-GRADE PULL BOXES IN CONCRETE SIDEWALKS, DOORWAY EXIT PATHS, ASPHALT TRAILS OR PARKING AREAS.
  - BOXES SHALL COMPLY WITH REQUIREMENTS OF SECTION 305533.
  - THIS DETAIL DOES NOT APPLY TO UTILITY BOXES. REFER TO CIVIL DRAWINGS FOR OTHER DETAILS AND REQUIREMENTS.

HANDHOLE TYPE	DIMENSION					CUSTOM COVER DESIGNATION
	A	B	C	D	E	
A	18"	13-3/8"	10-1/8"	20-1/4"	17"	LIGHTING
B	18"	15-1/2"	11-3/4"	25"	21-1/4"	LIGHTING



**3**  
E0.02  
**PVC TO EMT TRANSITION DETAIL**  
SCALE: NONE

VOLTAGE TO GROUND, NOMINAL	CONDITION		
	1	2	3
0-150	3	3	3
151-600	3	3.5	4

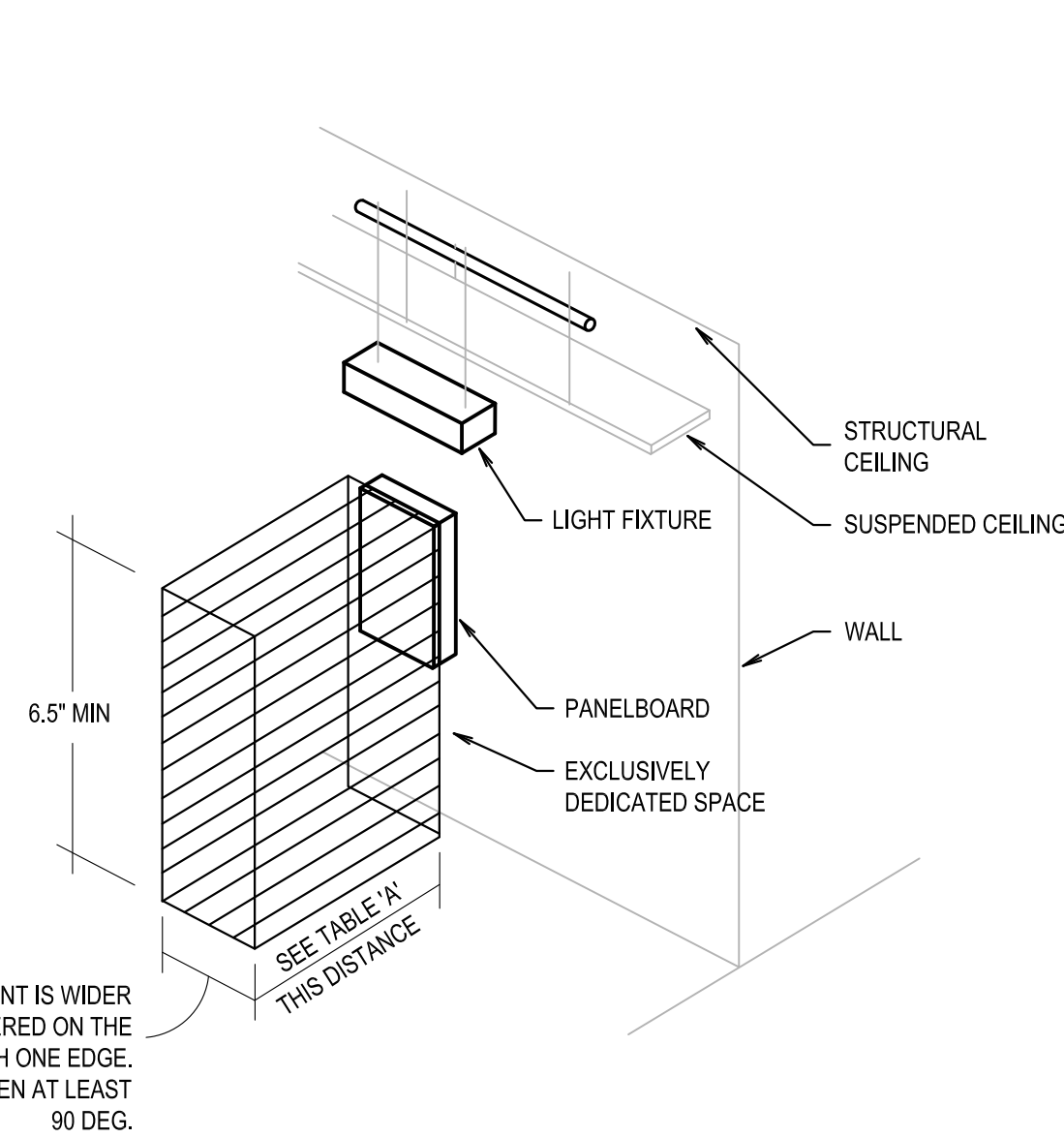
WHERE THE CONDITIONS ARE AS FOLLOWS:  
 1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUND PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.

2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUND PARTS ON THE OTHER SIDE.

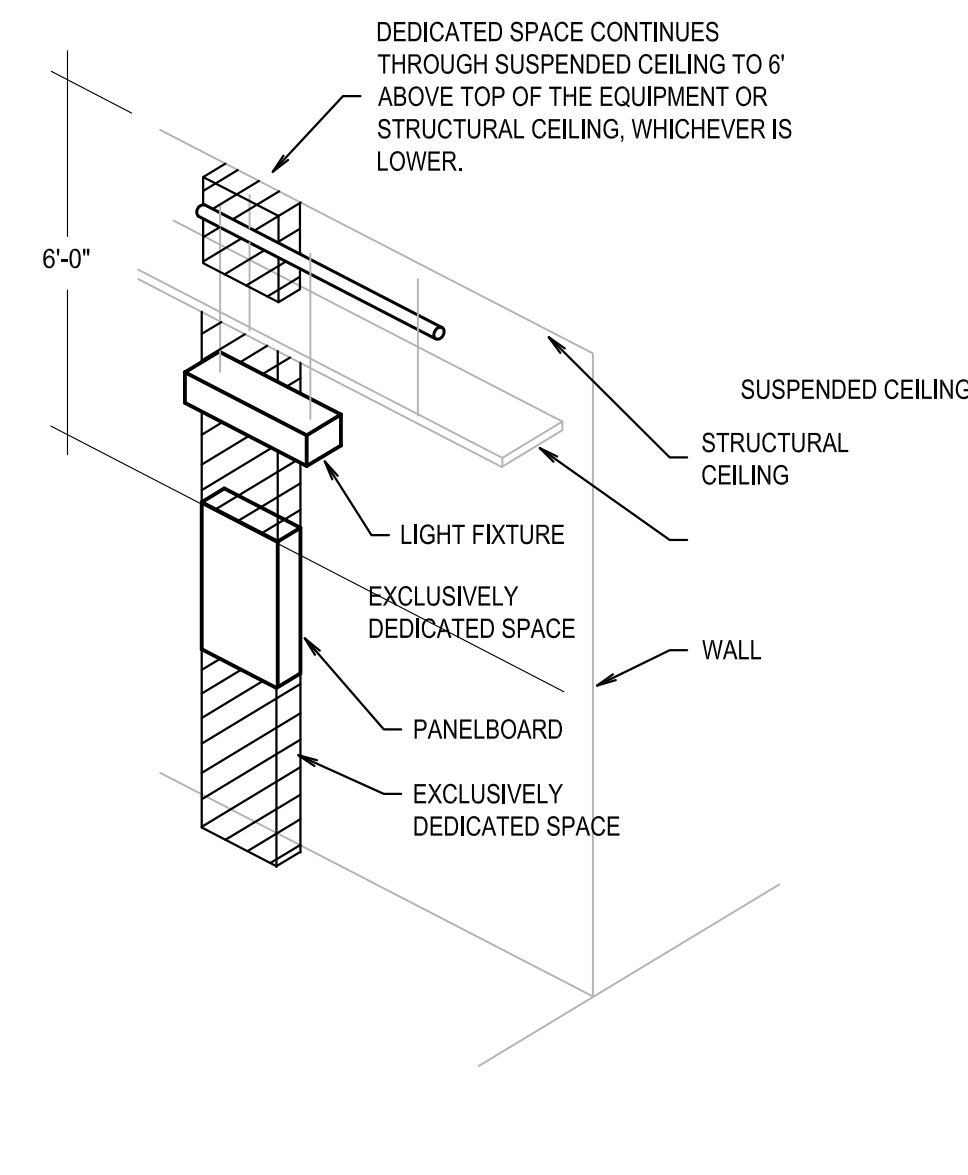
3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

30" OR WIDTH OF EQUIPMENT IF EQUIPMENT IS WIDER THAN 30" DOES NOT HAVE TO BE CENTERED ON THE EQUIPMENT BUT AT LEAST EVEN WITH ONE EDGE. EQUIPMENT DOOR SHALL BE ABLE TO OPEN AT LEAST 90 DEG.

NOTE: THIS INCLUDES BUT IS NOT LIMITED TO PANELBOARDS, SAFETY SWITCHES, MOTOR STARTERS, JUNCTION BOXES AND OTHER ELECTRIC EQUIPMENT.

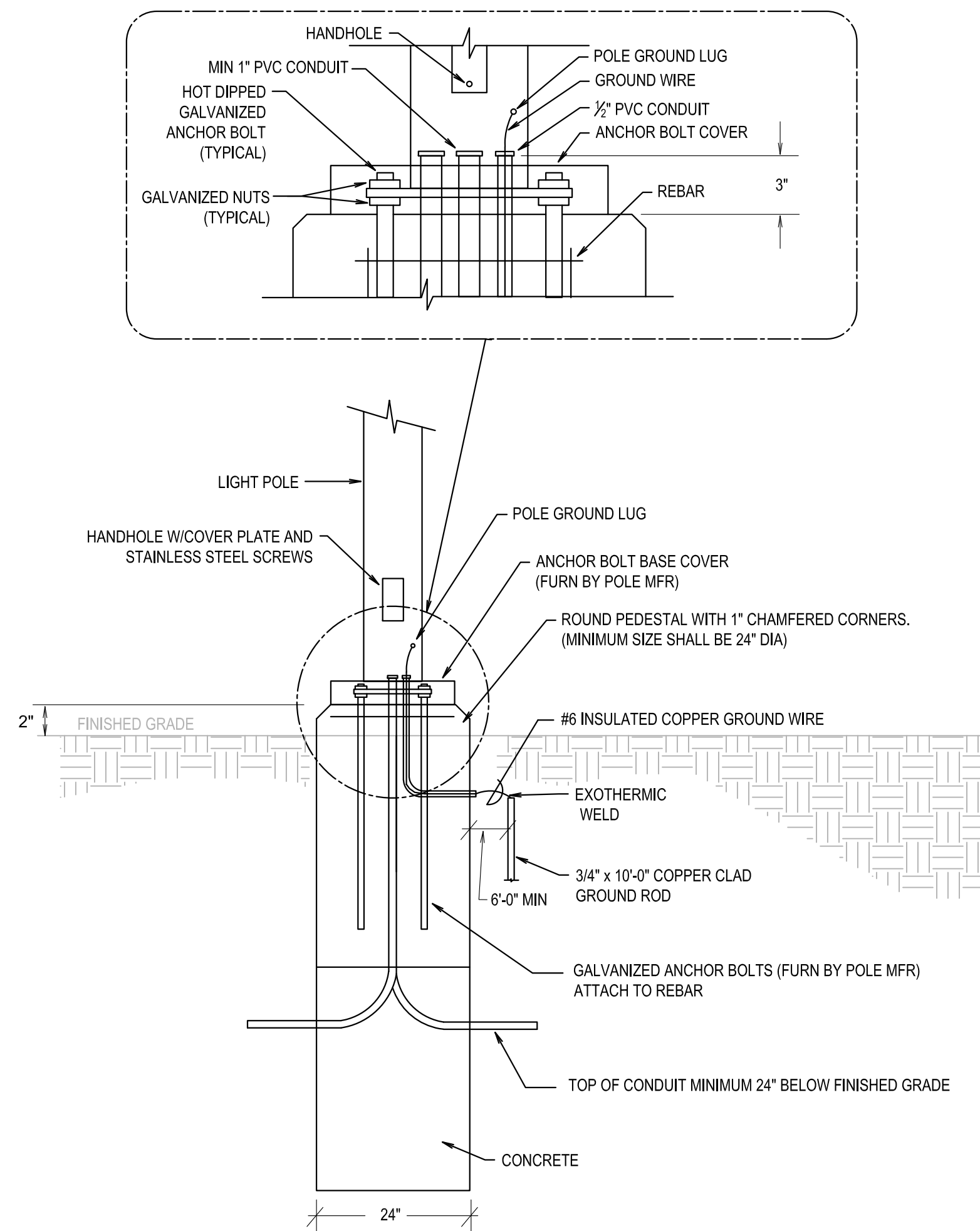


NOTE: THIS FIGURE ILLUSTRATES THE WORKING SPACE IN FRONT OF ELECTRIC EQUIPMENT REQUIRED BY SECTION 110-26 (a) OF THE NATIONAL ELECTRICAL CODE.



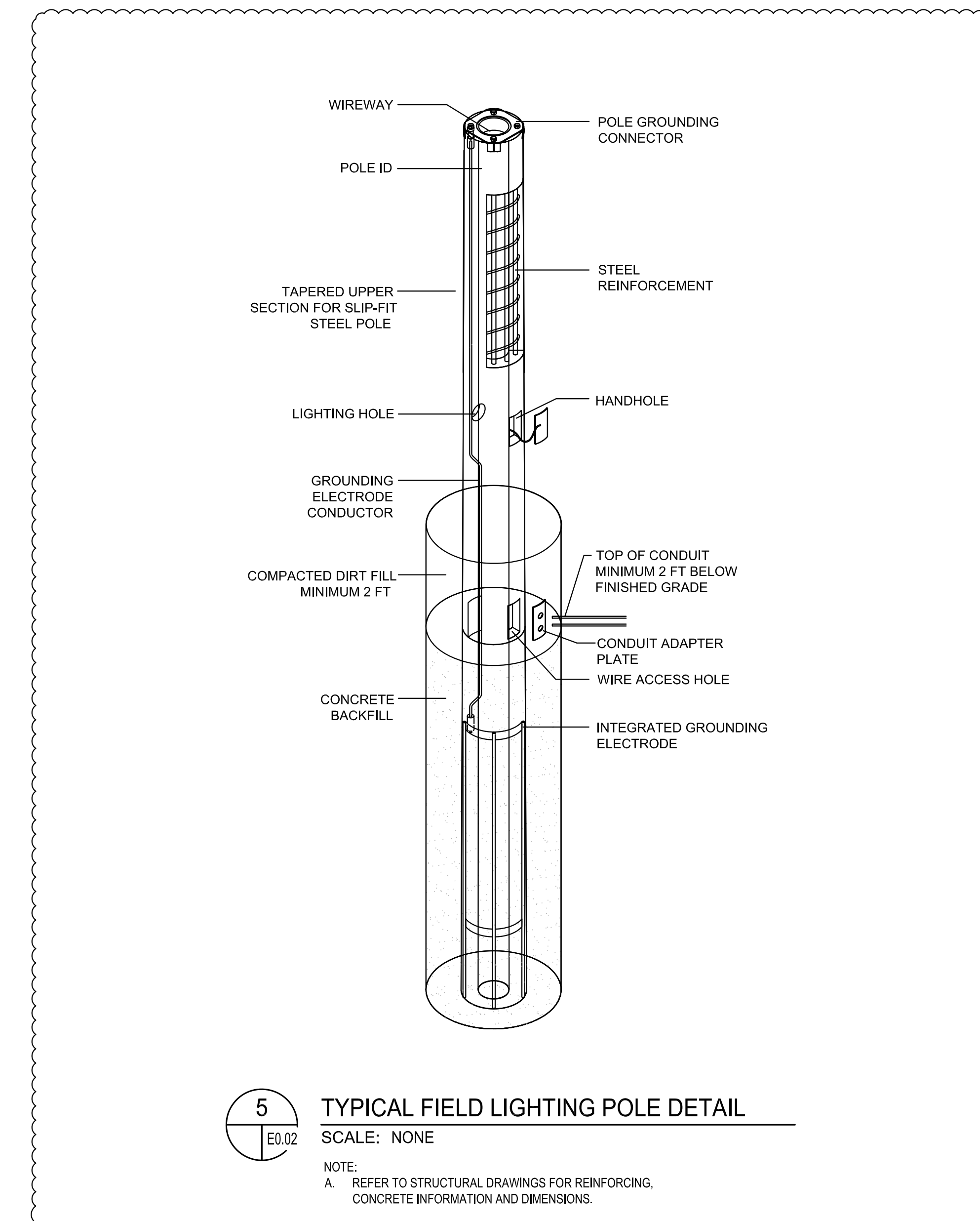
NOTE: THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE REQUIRED OVER AND UNDER PANELBOARDS FOR CABLES, RACEWAYS, ETC. TO AND FROM PANELBOARDS REQUIRED BY SECTION 110-28 (f) OF THE NATIONAL ELECTRICAL CODE.

**4**  
E0.02  
**DEDICATED WORKING SPACE FOR EQUIPMENT**  
SCALE: NONE



- NOTE:
- REFER TO STRUCTURAL LIGHT POLE FOUNDATION DETAILS FOR REINFORCEMENT DETAILS.
  - FOUNDATION SIZES SHOWN ON THE CONTRACT DOCUMENTS ARE MINIMUM SIZES BASED ON ASSUMED LOADS AND SIZES OF LIGHT POLES. LIGHT POLE MANUFACTURER SHALL CONFIRM FOOTING DESIGN WITH CALCULATIONS BASED ON ACTUAL SELECTED LIGHT POLES AND ASSEMBLY MEETING CIVIL AND ELECTRICAL PERFORMANCE CRITERIA. CALCULATIONS SHALL BE STAMPED BY AN ENGINEER REGISTERED IN VIRGINIA AND SUBMITTED FOR REVIEW.
  - REFER TO NEC 410.15 FOR BONDING AND GROUNDING AND OTHER CODES REGARDING LIGHTING POLE INSTALLATION.

**2**  
E0.02  
**TYPES ST1 & ST2 LIGHTING POLE BASE DETAIL**  
SCALE: NONE



**5**  
E0.02  
**TYPICAL FIELD LIGHTING POLE DETAIL**  
SCALE: NONE

- NOTE:
- REFER TO STRUCTURAL DRAWINGS FOR REINFORCING, CONCRETE INFORMATION AND DIMENSIONS.

**4**  
E0.02  
**DEDICATED WORKING SPACE FOR EQUIPMENT**  
SCALE: NONE

**ARCHITECT**  
**Hord Coplan Macht, Inc.**  
 2000 Duke Street, Suite 120 Alexandria, VA 22314  
 p. 571.388.7761 f. 410.837.6530

**STRUCTURAL ENGINEER**  
 Ehler Bryan Consulting Structural Engineers  
 1451 Dalley Madison Blvd, Suite 220 McLean, VA 22101  
 p. 703.827.9552 f. 703.356.2031

**M/E/P ENGINEER**  
 ZRM Energy By Design  
 100 10th Street NE, Suite 202 Charlotteville, VA 22902  
 p. 434.296.2116

**CIVIL ENGINEERS**  
 Bowman Consulting  
 185 Admiral Cochrane Drive Suite 215 Annapolis, MD 21401  
 p. 410.224.7590 f. 410.224.7592

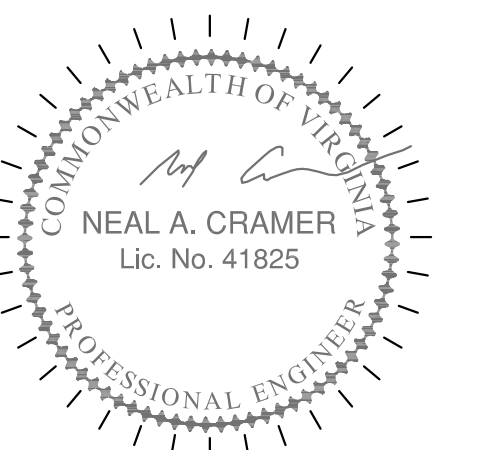


**ACPS T.C. WILLIAMS H.S. - PARKER-GRAY STADIUM RENOVATION**

3330 KING STREET  
 ALEXANDRIA, VA 22302

**hord | coplan | macht**

ARCHITECTURE  
 LANDSCAPE ARCHITECTURE  
 PLANNING  
 INTERIOR DESIGN



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no.	date	revision
1	2019.03.06	ADDENDUM #1

Project Name  
**ACPS T.C. WILLIAMS H.S. - PARKER-GRAY STADIUM RENOVATION**

Project Number  
**216127.00**

Date  
**2019.03.06**

Scale  
**As Indicated**

Drawing  
**DETAILS**

**E0.02**