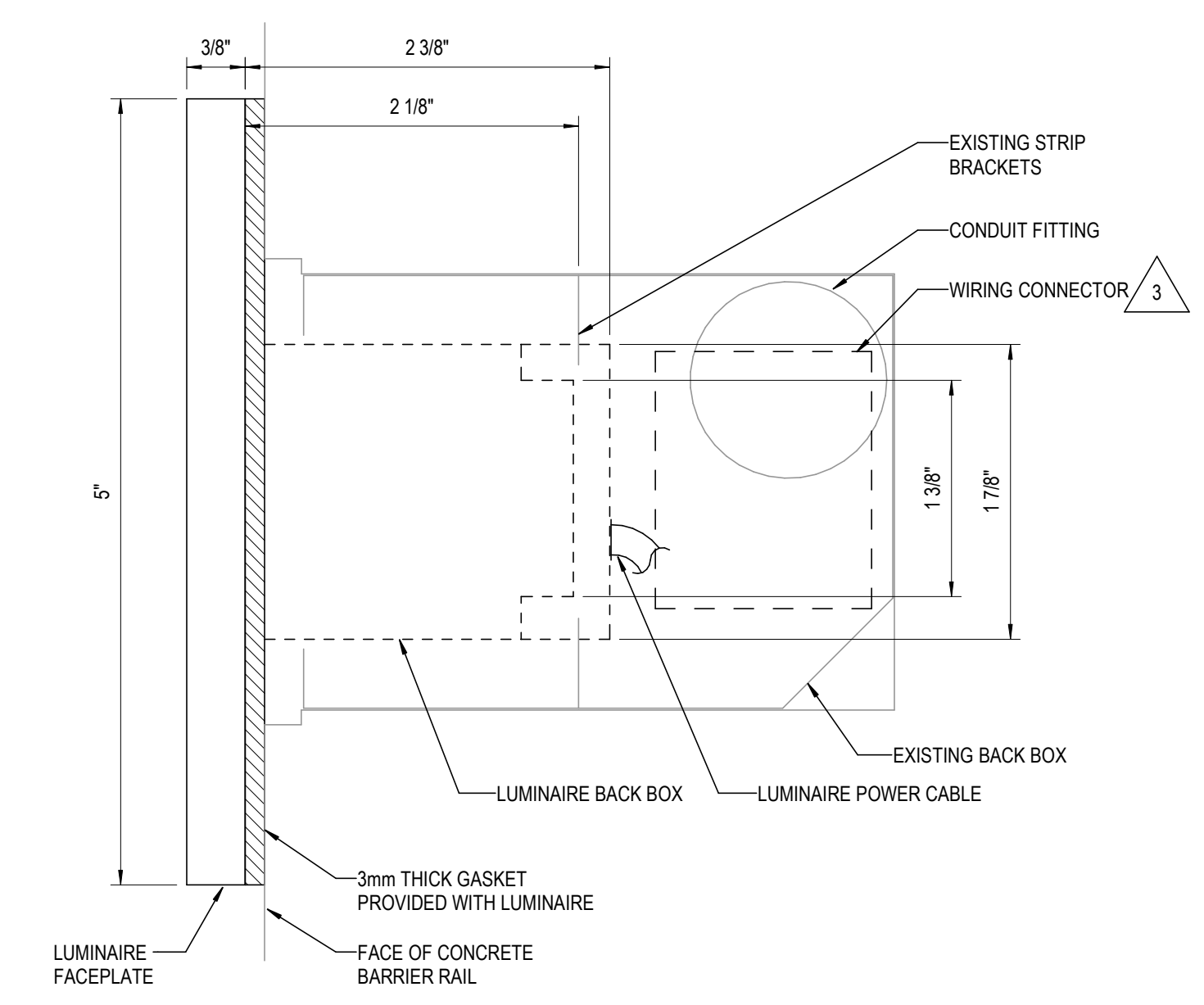
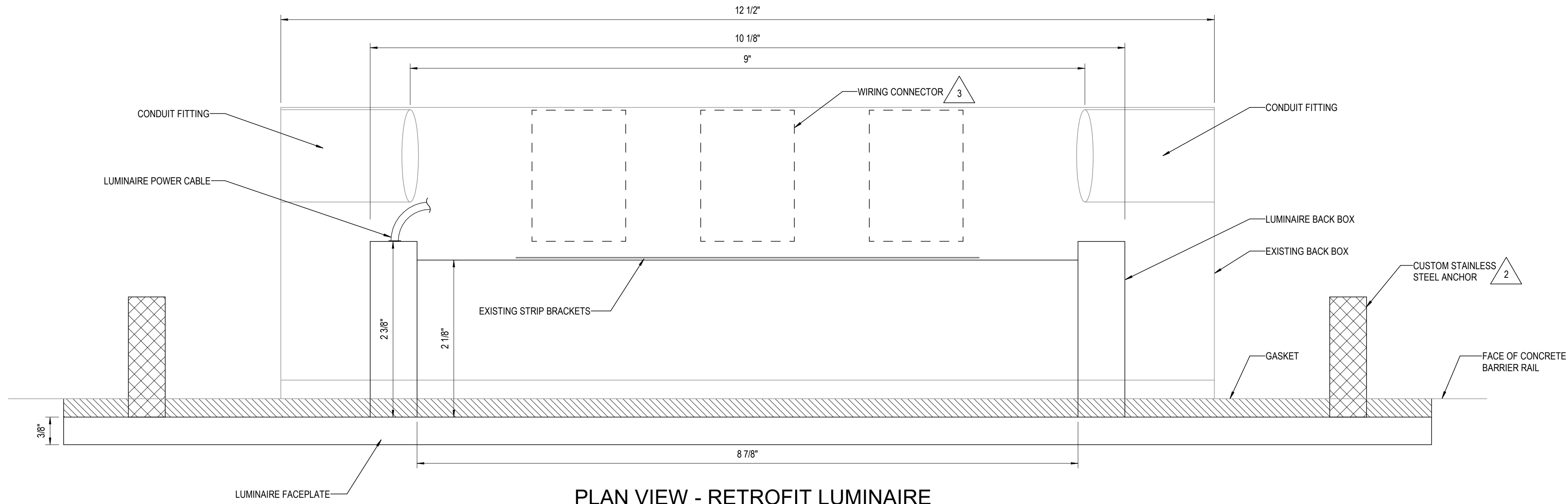


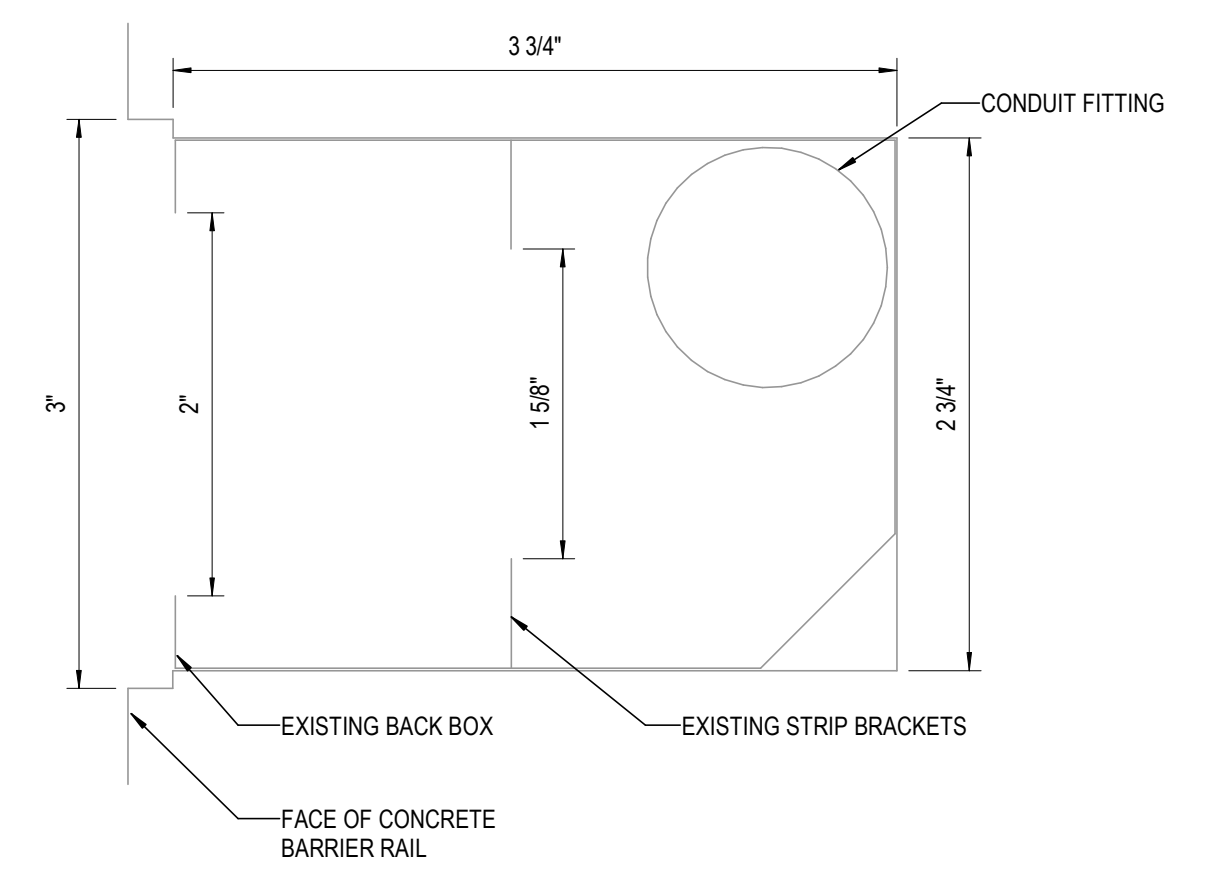
**FRONT VIEW - RETROFIT LUMINAIRE** 1  
 12" = 1'-0"



**SIDE VIEW - RETROFIT LUMINAIRE**  
 12" = 1'-0"



**PLAN VIEW - RETROFIT LUMINAIRE**  
 12" = 1'-0"



**SIDE VIEW - EXISTING BACK BOX**  
 12" = 1'-0"

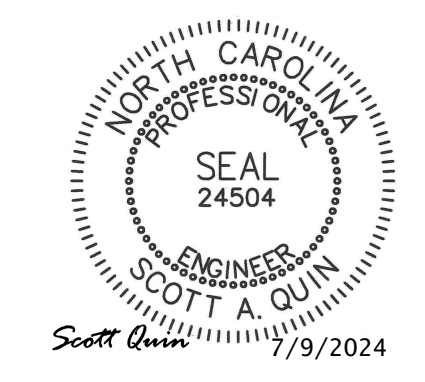
- NOTES:
- 1 LUMINAIRE BASIS OF DESIGN IS MP LIGHTING, MODEL NO. L771.  
 REQUIRED FEATURES:  
 • LED LIFE IS 50,000 HOURS (NOMINAL)  
 • LUMEN OUTPUT IS 410LM (NOMINAL)  
 • 120V, 8W  
 • STAINLESS STEEL FACEPLATE  
 • BACK BOX MADE OF MARINE GRADE ALUMINUM  
 • IP66 RATED  
 • LED ENGINE IS REPLACEABLE  
 • LED DRIVER IS REPLACEABLE
  - 2 ANCHOR PROVIDED BY LUMINAIRE MANUFACTURER. DETERMINE THE LUMINAIRE ANCHOR LOCATIONS UTILIZING THE TEMPLATE PROVIDED WITH THE LUMINAIRE. DRILL ANCHOR LOCATIONS AND INSTALL THE ANCHORS WITH EPOXY PER MANUFACTURERS INSTRUCTIONS.
  - 3 SEE DETAIL 1 ON SHEET E-4.
  - 4 INSTALL BEAD OF CAULK ALONG THREE SIDES BEHIND FACEPLATE AS SHOWN.

PROJECT NO. 15BPR.138.3  
PENDER COUNTY  
 BRIDGE 700016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

REPAIR OF PEDESTRIAN  
 LIGHTING SYSTEM

LUMINAIRE REPLACEMENT



REVISIONS						SHEET NO. E-5	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS 10	
1			3				
2			4				

**HR** HDR Engineering, Inc. of the Carolinas  
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601  
 N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCD07.pdft\_color\_eng\_50.ppt\_bak  
 USER: S.QUIN  
 FILE: DATE: TIME:

DES BY: <u>M.THEOLOGIDY</u>	DATE: <u>03/24</u>	DWG BY: <u>M.THEOLOGIDY</u>	DATE: <u>03/24</u>
DES CHK: <u>S.QUIN</u>	DATE: <u>03/24</u>	CHK BY: <u>S.QUIN</u>	DATE: <u>03/24</u>