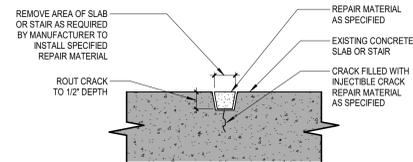
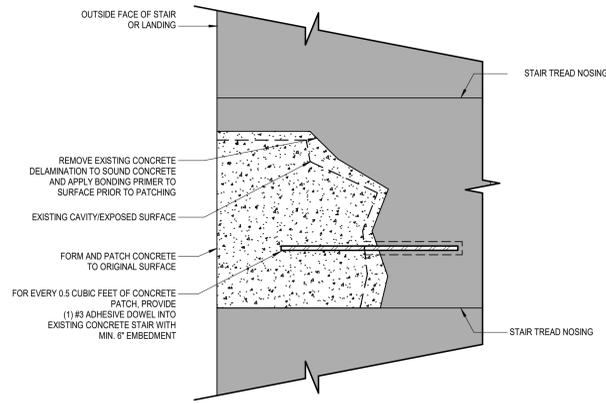


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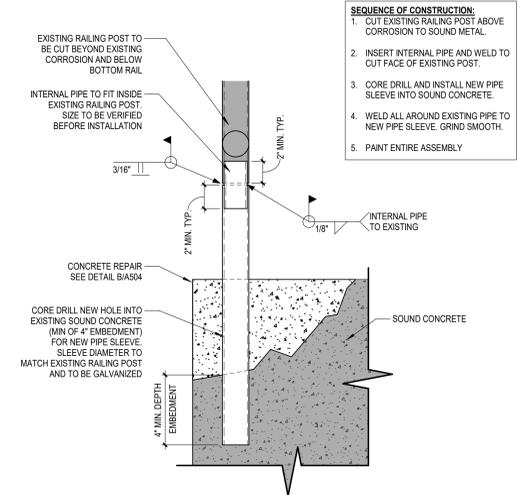
- NOTES:**
- CLEAN AND ROUT CRACK OF ALL FOREIGN MATERIALS AND PREPARE IN ACCORDANCE WITH REPAIR MATERIAL MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLING REPAIR MATERIAL.
 - USE REPAIR MATERIAL PER SPECIFICATION FOR CRACK REPAIR.
 - FOR CRACKS BELOW THE ROUT DEPTH, INJECT CRACK REPAIR MATERIAL INTO CRACK AFTER ROUTING PER SPECIFICATION.

C TYPICAL ROUT AND SEAL CRACK DETAIL
A504 6" = 1'-0"



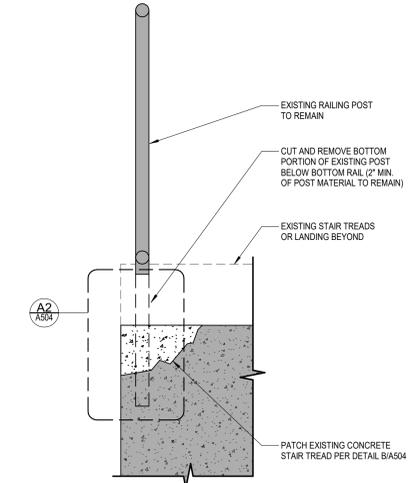
NOTE:
IF EXISTING REBAR IS EXPOSED AFTER REMOVAL OF DELAMINATED CONCRETE, SANDBLAST CLEAN AND REMOVE EXISTING CONCRETE FROM UNDER REINFORCING SO THAT NEW PATCH WILL ENGAGE EXISTING REBAR.

B TYPICAL CONCRETE PATCH DETAIL
A504 3" = 1'-0"



- SEQUENCE OF CONSTRUCTION:**
- CUT EXISTING RAILING POST ABOVE CORROSION TO SOUND METAL.
 - INSERT INTERNAL PIPE AND WELD TO CUT FACE OF EXISTING POST.
 - CORE DRILL AND INSTALL NEW PIPE SLEEVE INTO SOUND CONCRETE.
 - WELD ALL AROUND EXISTING PIPE TO NEW PIPE SLEEVE. GRIND SMOOTH.
 - PAINT ENTIRE ASSEMBLY.

A2 TYPICAL RAILING POST REPAIR
A504 3" = 1'-0"



A1 TYPICAL SECTION AT RAILING POSTS
A504 1 1/2" = 1'-0"

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CSARCH

Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND MIDDLE SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

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Sheet Title
STAIRS, LANDINGS & REPAIR DETAILS

Sheet No.
HMS A504

CONSTRUCTION DOCUMENTS

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