

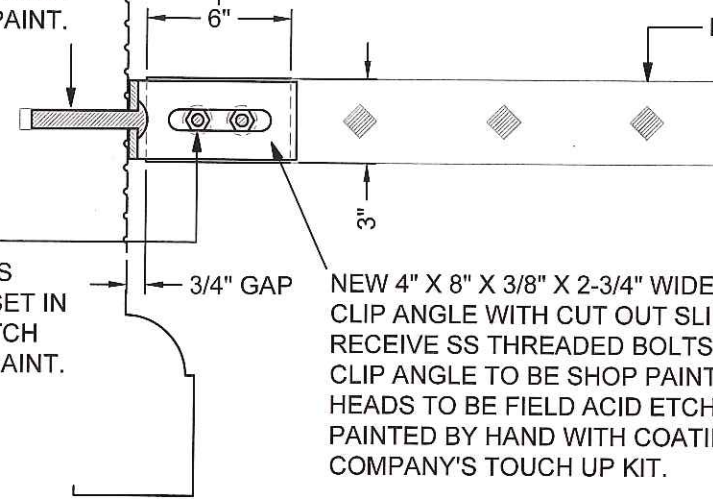
CORE 7/8" DIAMETER X 4-1/2" DEEP HOLE IN GRANITE TO RECEIVE 3/4" DIA. A316 STAINLESS STEEL BOLT WITH 4" EMBEDMENT IN GRANITE. GC MUST CONFIRM PRECISE LOCATION OF ANCHORAGE PRIOR TO DRILLING HOLE. SET BOLT IN EPOXY. PROTECT GRANITE SURFACE FROM EPOXY OVERRUN. ACID ETCH BOLT HEAD AND FIELD PAINT.

DRESSED FACE OF GRANITE ENTRY PIER. INSTALL GRANITE SECTION REPAIR AS PRESCRIBED PRIOR TO ATTACHING NEW MILD STEEL CLIP ANGLE ANCHOR.

REMOVE END SECTION OF EXISTING WROUGHT IRON TOP RAIL. GENTLY WELD ON NEW MATCHING 6" LONG SECTION OF MILD STEEL BAR AS INDICATED.

2 - 1/2" DIAMETER A316 STAINLESS STEEL BOLTS WITH MATCHING NUTS SET IN SLOTTED HOLE. ACID ETCH BOLT HEAD AND FIELD PAINT.

NEW 4" X 8" X 3/8" X 2-3/4" WIDE MILD STEEL CLIP ANGLE WITH CUT OUT SLIP JOINT TO RECEIVE SS THREADED BOLTS AND NUTS. CLIP ANGLE TO BE SHOP PAINTED. BOLT HEADS TO BE FIELD ACID ETCHED AND PAINTED BY HAND WITH COATING COMPANY'S TOUCH UP KIT.



1 BOTTOM VIEW OF NEW ANCHOR TO GRANITE PIER

S2.4 3" = 1'-0" (ON 22 X 34 SHEET)

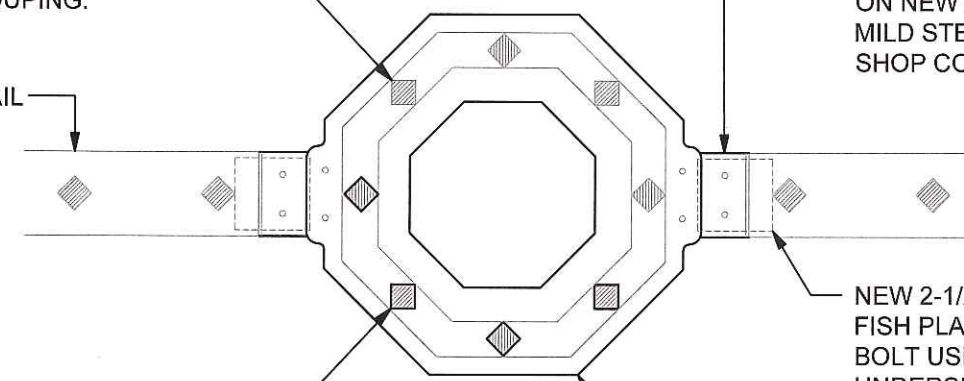
ASSUME 50% USE OF SALVAGE PICKETS AT EACH OCTAGONAL GROUPING.

REMOVE END SECTION OF EXISTING WROUGHT IRON TOP RAIL. GENTLY WELD ON NEW MATCHING 3-1/4" LENGTH OF MILD STEEL BAR AS INDICATED PRIOR TO SHOP COATING. (EACH SIDE)

ASSUME 50% REPLACEMENT PICKETS AT EACH OCTAGONAL GROUPING. FABRICATE FROM 1" X 1" SQUARE MILD STEEL BAR STOCK AND REPLICATE FINIAL TOPS.

NEW 2-1/2" WIDE X 1/4" THK. MILD STEEL FISH PLATE BELOW. EPOXY AND FLUSH BOLT USING 2 - 1/4" DIA. SS BOLTS TO UNDERSIDE OF RAIL AS INDICATED PRIOR TO SHOP COATING. (EACH SIDE)

NEW MIDDLE COLLAR CAST IRON CASTING.



3 TOP VIEW OF NEW FENCE POST MID-RAIL COLLAR

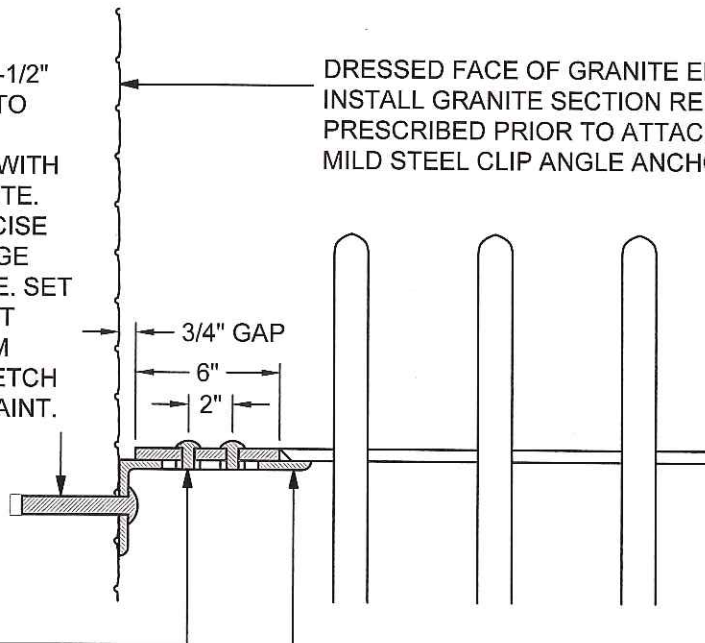
S2.4 3" = 1'-0" (ON 22 X 34 SHEET)

CORE 7/8" DIAMETER X 4-1/2" DEEP HOLE IN GRANITE TO RECEIVE 3/4" DIA. A316 STAINLESS STEEL BOLT WITH 4" EMBEDMENT IN GRANITE. GC MUST CONFIRM PRECISE LOCATION OF ANCHORAGE PRIOR TO DRILLING HOLE. SET BOLT IN EPOXY. PROTECT GRANITE SURFACE FROM EPOXY OVERRUN. ACID ETCH BOLT HEAD AND FIELD PAINT.

DRESSED FACE OF GRANITE ENTRY PIER. INSTALL GRANITE SECTION REPAIR AS PRESCRIBED PRIOR TO ATTACHING NEW MILD STEEL CLIP ANGLE ANCHOR.

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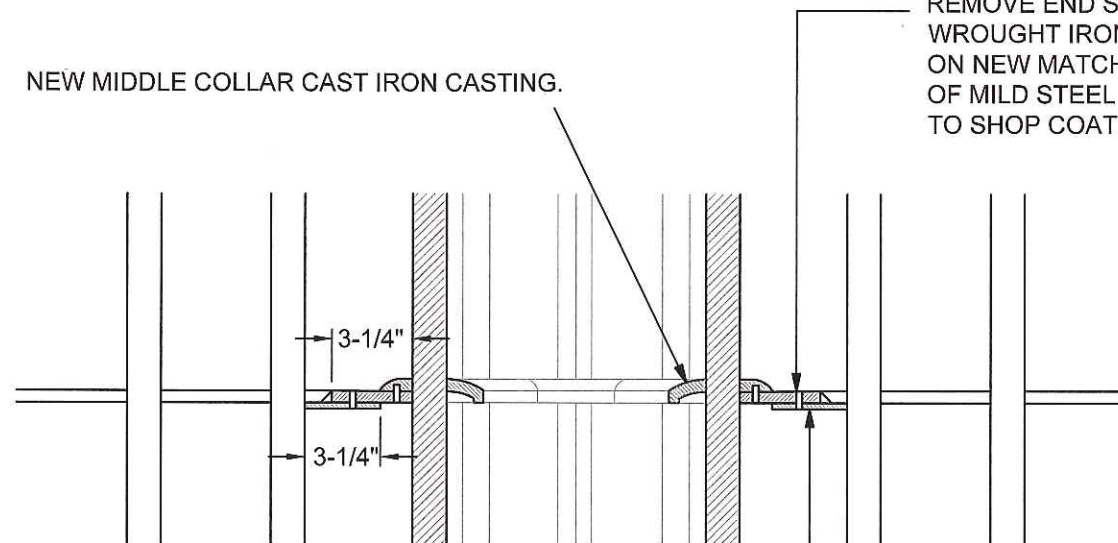
2 SECTION DETAIL AT NEW ANCHOR TO GRANITE PIER

S2.4 3" = 1'-0" (ON 22 X 34 SHEET)

NEW MIDDLE COLLAR CAST IRON CASTING.

REMOVE END SECTION OF EXISTING WROUGHT IRON TOP RAIL. GENTLY WELD ON NEW MATCHING 3-1/4" LONG SECTION OF MILD STEEL BAR AS INDICATED PRIOR TO SHOP COATING.

NEW 1/4" MILD STEEL FISH PLATE BELOW. EPOXY AND FLUSH BOLT USING 2 - 1/4" DIA. SS BOLTS TO UNDERSIDE OF RAIL AS INDICATED PRIOR TO SHOP COATING.



4 SECTION DETAIL AT NEW FENCE POST MID-RAIL COLLAR

S2.4 3" = 1'-0" (ON 22 X 34 SHEET)

NOT FOR CONSTRUCTION

RESURGENCE ENGINEERING & PRESERVATION, INC.  
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LINCOLN PARK IRON FENCE RESTORATION

TYPICAL NEW IRON CASTING DETAILS

Project # 17-019  
Date: 1/29/18  
Issued for: HP REVIEW

REVISIONS  
NO. DATE  
▲ MM-DD-YY  
▲ MM-DD-YY

SHEET  
S-2.4