

Plot Date: 5-DEC-2023 2:53:09 PM

User: svcPW

PlotScale: 1:1

DesignScript: Carollo_Sig_Pen_v0905.pen

ColorTable: gshade.ctb

Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Sig_Pen_v0905.pen PlotScale: 1:1

1 2 3 4 5 6 7 8 9 10 11 12 13

A

B

C

D

E

F

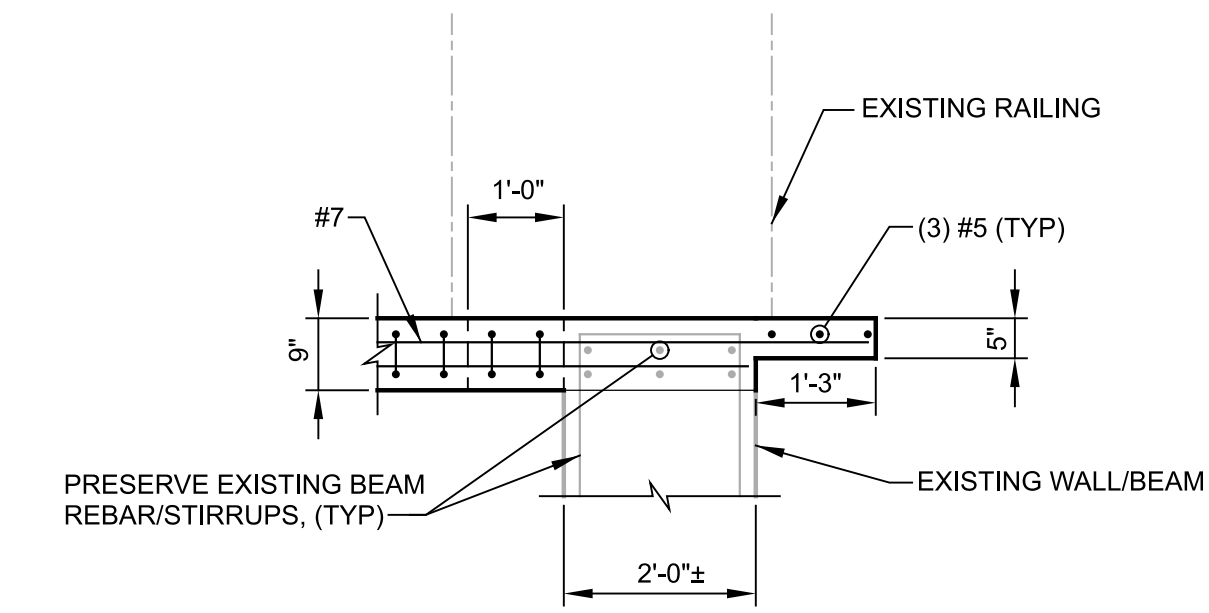
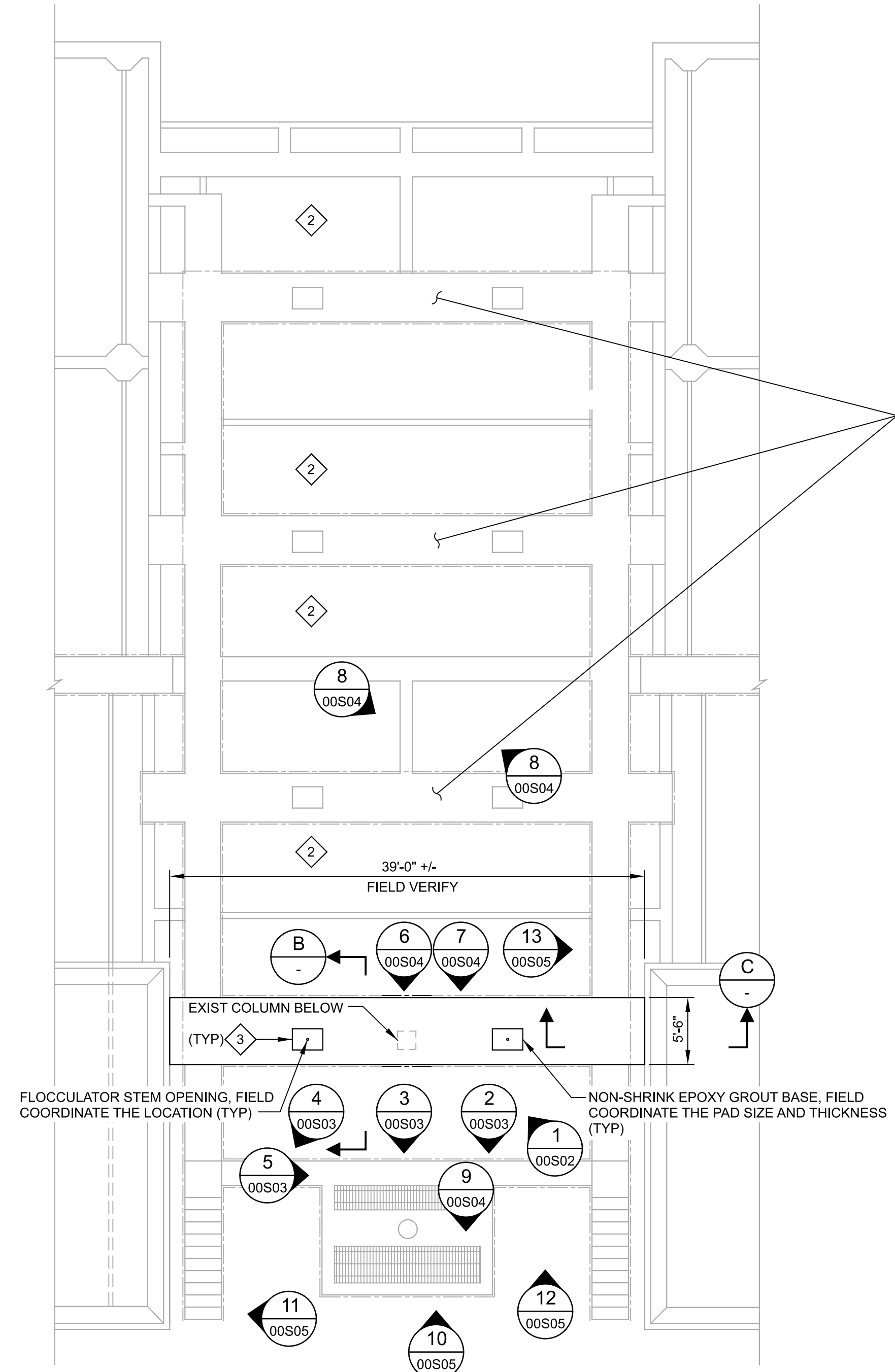
G

GENERAL NOTES:

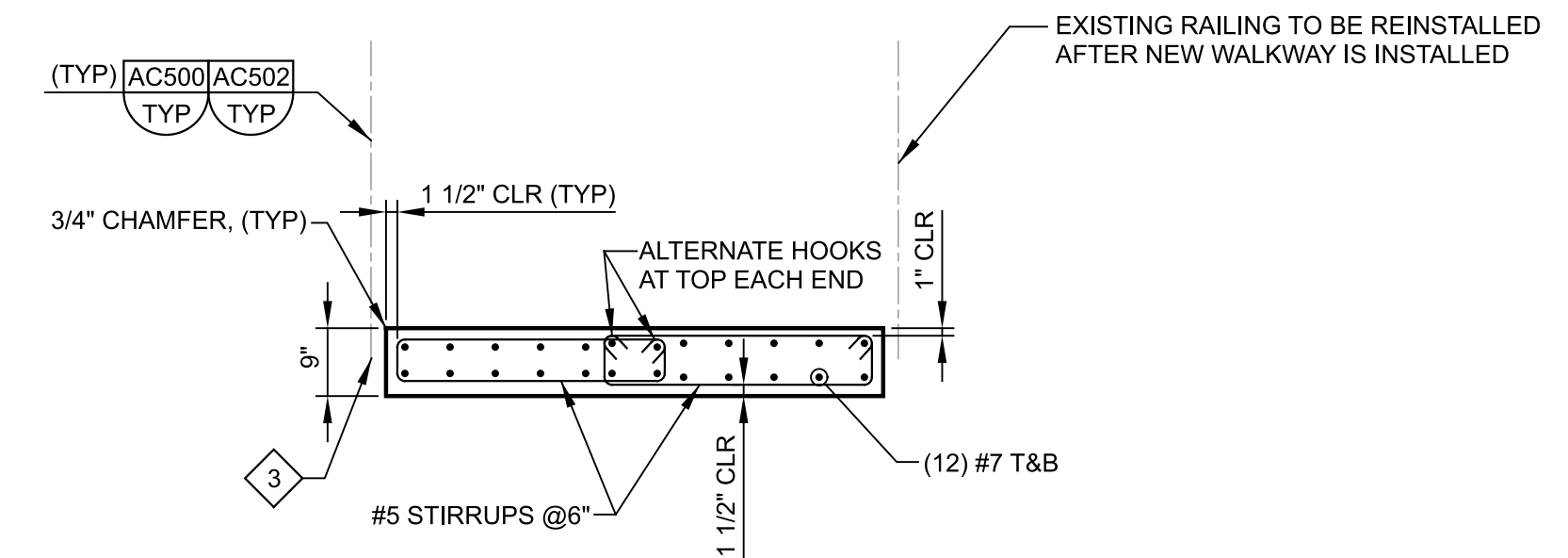
- FOR STRUCTURAL GENERAL NOTES SEE DWG 00GS01.
- ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO BEGINNING WORK. NOTIFY THE OWNER AND ENGINEER OF ANY DIFFERING CONDITIONS IN ACCORDANCE WITH REQUIREMENT OF CONTRACT DOCUMENTS.
- ALL DETAILS ARE TYPICAL EVEN IF NOT EXPLICITLY CALLED OUT.
- FOR CONCRETE WALL AND SLAB FINISHES, SEE SPECIFICATION SECTION 03_35_29.
- FOR REINFORCED CONCRETE NOTES SEE S101/TYP.
- FOR ADDITIONAL REINFORCEMENT AT OPENING SEE DETAIL S180/TYP. THE CONTRACTOR TO COORDINATE FLOCCULATOR STEM OPENING LOCATIONS PRIOR TO PLACEMENT OF THE CONCRETE SLAB.

KEY NOTES:

- IF ANY SPALLING, EXPOSED REBARS ENCOUNTERED NOTIFY THE ENGINEER. ANY EXPOSED REBARS, SPALLING SHALL BE REPAIRED PER DETAILS SHOWN ON THE DRAWING 00S06. NO REPAIR WORK SHALL COMMENCE UNTIL THE SHORING/JACKING UP SYSTEM IS SECURELY IN PLACE. THE EXISTING WALKWAY MUST BE STABILIZED AND SUPPORTED THROUGHOUT THE REPAIR PROCESS. THE REMOVAL OF SHORING/JACKING EQUIPMENT SHALL ONLY TAKE PLACE UPON CONFIRMATION OF THE COMPLETION AND APPROVAL OF THE WALKWAY REPAIR WORK. REMOVAL MUST BE CARRIED OUT CAREFULLY TO PREVENT DAMAGE TO THE REPAIRED STRUCTURE.
- THE CONTRACTOR IS REQUIRED TO POWER WASH THE ENTIRE INTERIOR WALLS AND BASE SLAB OF THE FLOCCULATION BASIN WITH A 5000 PSI HIGH-PRESSURE WATER BLASTING METHOD. THROUGHOUT THIS PROCESS, A THOROUGH EXAMINATION FOR ANY CRACKS OR DETERIORATED SURFACES MUST BE CONDUCTED. IF ANY CRACKS OR DETERIORATED SURFACES ARE IDENTIFIED, THE CONTRACTOR MUST PROMPTLY NOTIFY THE ENGINEER AND PROVIDE DETAILED INFORMATION REGARDING THE LOCATION AND EXTENT OF THE ISSUES. THE EXTENT OF DETERIORATION SHOULD BE QUANTIFIED, AND ADHERENCE TO THE REPAIR DETAILS SPECIFIED ON SHEET 00S06 IS MANDATORY. ALL REPAIR ACTIVITIES MUST STRICTLY FOLLOW THE GUIDELINES AND SPECIFICATIONS.
- AS PART OF THE REINSTALLATION PROCESS FOR THE RAILING, FLOCCULATOR, MOTOR, INSTRUMENTATION PANEL, ETC., IT IS IMPERATIVE THAT THE CONTRACTOR UTILIZES 316 STAINLESS STEEL ANCHOR BOLTS MATCHING THE EXISTING BOLT SIZE AND DIAMETER. FOR ALL THE TOP-MOUNTED EQUIPMENT, SUCH AS FLOCCULATOR MOTOR, INSTRUMENTATION PANELS, AND SIDE-MOUNTED RAILING, THE MINIMUM EMBEDMENT OF THE ANCHOR BOLT SHALL BE 6 INCHES INTO THE NEW CONCRETE SLAB.



C SECTION
SCALE: 1/2"=1'-0"
FILE: 20228400S0401

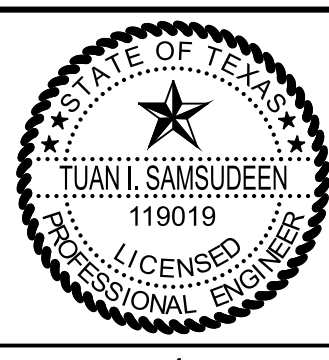


B SECTION
SCALE: 1/2"=1'-0"
FILE: 20228400S0401

A PLAN
SCALE: 1/8"=1'-0"
FILE: 20028400S0101

REV	DATE	BY	DESCRIPTION

DESIGNED
TIS
DRAWN
ERR
CHECKED
KMD
DATE
DECEMBER 2023



Digitally signed by Tuani Samsudeen
Contact Info: Carollo Engineers, Inc.
Date: 2023.12.06 14:51:04-0500

Tuani Samsudeen



BROWNSVILLE PUBLIC UTILITIES BOARD
FLOCCULATION TRAIN STRUCTURAL IMPROVEMENTS
STRUCTURAL
MODIFICATION PLAN AND SECTION

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.
202284
DRAWING NO.
00S01
SHEET NO.
7 OF 14

Plot Date: 5-DEC-2023 2:53:49 PM

User: svcPW

Model: Layout1

ColorTable: gshade.ctb

DesignScript: Carollo_Sig_Pen_v0905.pen PlotScale: 1:1

LAST SAVED BY: aradcliff

1 2 3 4 5 6 7 8 9 10 11 12 13

A

B

C

D

E

F

G



REMOVE EXISTING FLOCCULATOR
AND MOTOR INSTRUMENTATION
PANELS, RAILING, CABLES AND MUD
VALVE UNIT AND STORE IT SAFELY
FOR REINSTALLATION

GENERAL NOTES:

1. FOR STRUCTURAL GENERAL NOTES SEE DWG 00GS01.
2. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO BEGINNING WORK. NOTIFY THE OWNER AND ENGINEER OF ANY DIFFERING CONDITIONS IN ACCORDANCE WITH REQUIREMENT OF CONTRACT DOCUMENTS.
3. ALL DETAILS ARE TYPICAL EVEN IF NOT EXPLICITLY CALLED OUT.
4. FOR CONCRETE WALL AND SLAB FINISHES, SEE SPECIFICATION SECTION 03_35_29.
5. FOR CONCRETE REPAIR DETAILS SEE SHEET 00S06/TYP. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

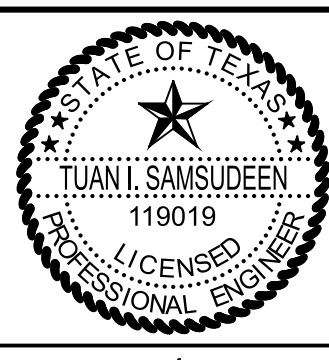
KEY NOTES:

1. EXISTING WALKWAY SLAB TO BE DEMOLISHED.
3. AS PART OF THE REINSTALLATION PROCESS FOR THE RAILING, FLOCCULATOR, MOTOR, INSTRUMENTATION PANEL, ETC., IT IS IMPERATIVE THAT THE CONTRACTOR UTILIZES 316 STAINLESS STEEL ANCHOR BOLTS MATCHING THE EXISTING BOLT SIZE AND DIAMETER. FOR ALL THE TOP-MOUNTED EQUIPMENT, SUCH AS FLOCCULATOR MOTOR, INSTRUMENTATION PANELS, AND SIDE-MOUNTED RAILING, THE MINIMUM EMBEDMENT OF THE ANCHOR BOLT SHALL BE 6 INCHES INTO THE NEW CONCRETE SLAB.

1 PHOTO
00S01
SCALE: NO SCALE
FILE:

REV	DATE	BY	DESCRIPTION

DESIGNED TIS
DRAWN ERR
CHECKED KMD
DATE DECEMBER 2023



Digitally signed by Tuani I. Samsudeen
Contact Info: Carollo Engineers, Inc.
Date: 2023.12.06 14:43:24 -0500
Tuani Samsudeen



BROWNSVILLE PUBLIC UTILITIES BOARD

FLOCCULATION TRAIN STRUCTURAL IMPROVEMENTS

STRUCTURAL

EQUIPMENT AND RAILING REMOVAL PHOTO

VERIFY SCALES	JOB NO. 202284
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. 00S02
0 1"	SHEET NO. 8 OF 14
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	