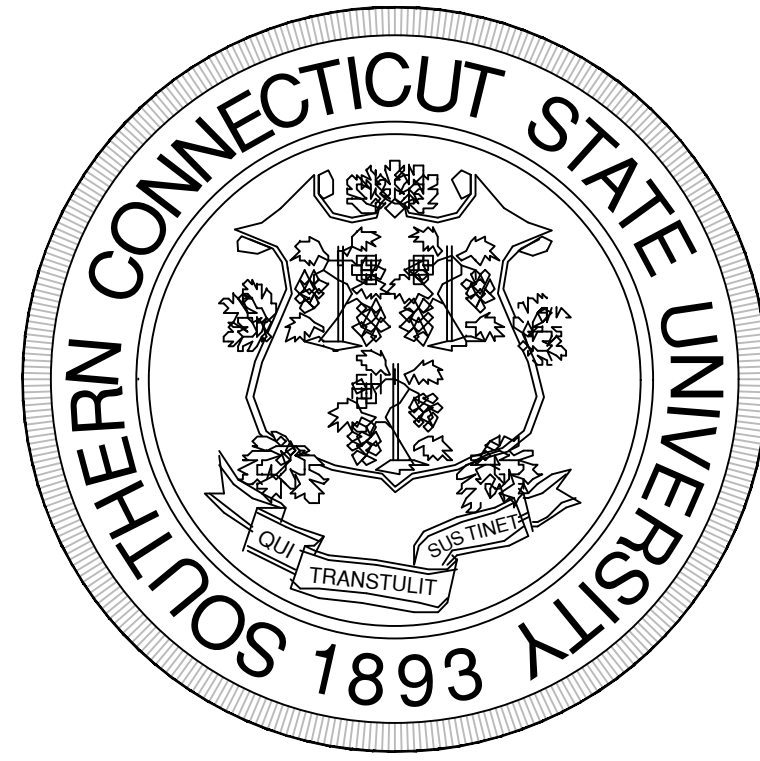


SOUTHERN CONNECTICUT STATE UNIVERSITY

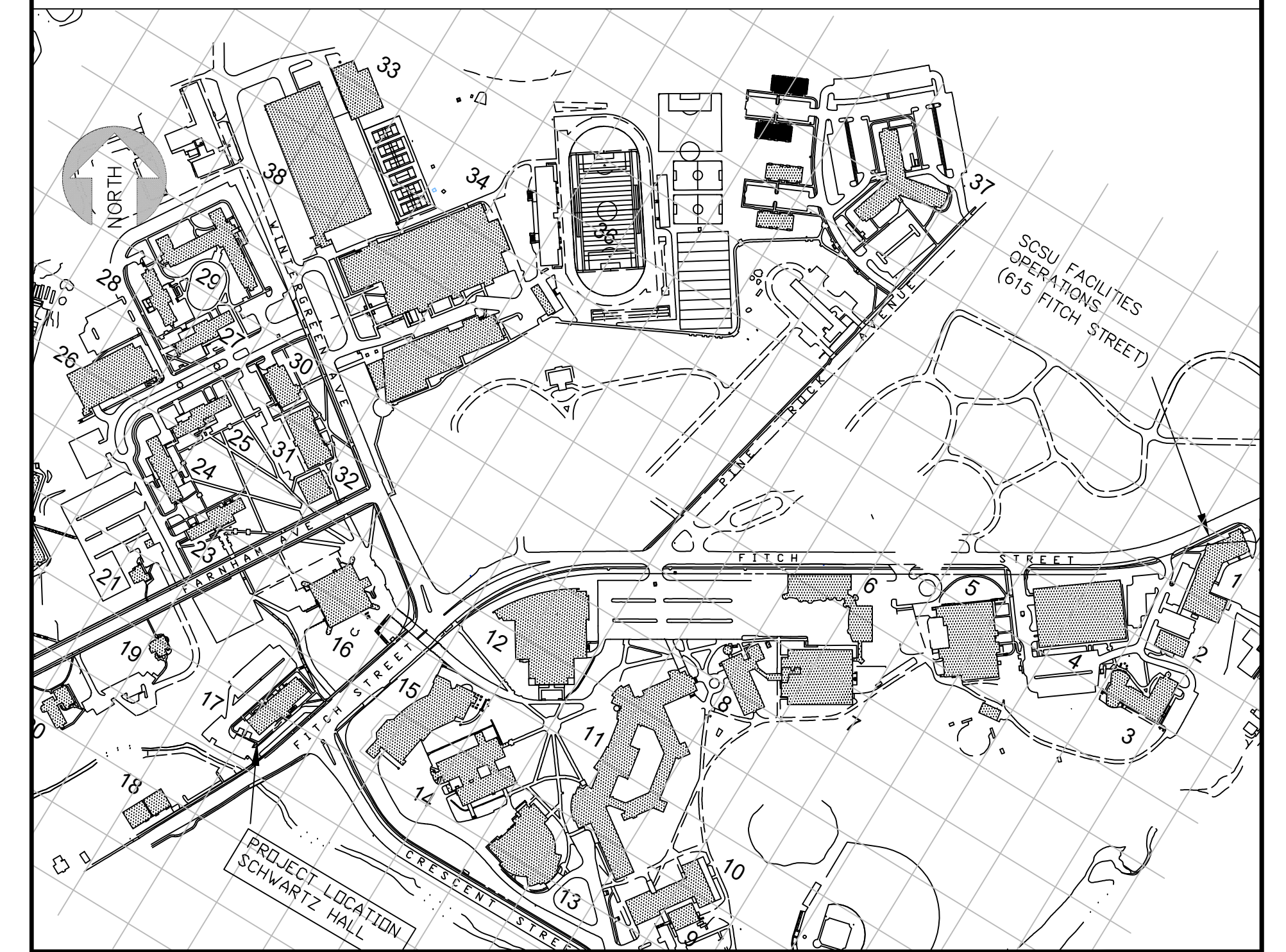


DR. JOSEPH A. BERTOLINO
PRESIDENT

SCHWARTZ HALL EXTERIOR HANDRAILS AND GUARDS REPLACEMENT 2021

PROJECT NO. SCSU-2021-03

LOCATION MAP



BUILDING NUMBER LEGEND

1 FACILITIES OPERATIONS	22 BROWNELL HALL - RESIDENCE HALL
2 NURSING CLASSROOM BUILDING	23 FARNHAM HALL - RESIDENCE HALL
3 DAVIS HALL	24 WILKINSON HALL - RESIDENCE HALL
4 FITCH STREET PARKING GARAGE	25 CHASE HALL - RESIDENCE HALL
5 PELZ GYMNASIUM	26 WEST CAMPUS PARKING GARAGE
6 ACADEMIC SCIENCE AND LABORATORY BUILDING	27 HICKERSON HALL - RESIDENCE HALL
7 JENNINGS HALL	28 NEFF HALL - RESIDENCE HALL
8 MORRILL HALL	29 WEST CAMPUS RESIDENCE COMPLEX
9 TE-8 - CLASSROOM BUILDING 8	30 UNIVERSITY POLICE AND GRANDOFF STUDENT HEALTH CENTER
10 SCHOOL OF BUSINESS	31 OFFICE BUILDING 1
11 ENGLEMAN HALL	32 TE-6 - TEMPORARY BUILDING 6
12 BULEY LIBRARY	33 ENERGY CENTER
13 LYMAN CENTER FOR THE PERFORMING ARTS	34 MOORE FIELD HOUSE
14 EARL HALLIS EARL HALL	35 WINTERGREEN BUILDING
15 ADANTI STUDENT CENTER	36 JESS DOW FIELD
16 CONNECTICUT HALL - FOOD SERVICE	37 NORTH CAMPUS RESIDENCE COMPLEX
17 SCHWARTZ HALL - RESIDENCE HOUSING OFFICE	38 WINTERGREEN AVENUE PARKING GARAGE
18 ETHNIC HERITAGE CENTER	
19 ALUMNI HOUSE	
20 LANG HOUSE - DEPARTMENT OF SOCIAL WORK	
21 ORLANDO HOUSE - DEPARTMENT OF PUBLIC HEALTH	

SOUTHERN CONNECTICUT STATE UNIVERSITY FACILITIES PLANNING DEPARTMENT, OFFICE OF FACILITIES OPERATIONS, 615 FITCH STREET, HAMDEN, CT 06514 UNIVERSITY REPRESENTATIVE: PETER J. VISENTIN A.I.A TEL (203) 392-6055 FAX (203) 392-6058

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND DIMENSIONS. ANY DISCREPANCIES MUST BE REPORTED AND REVIEWED BY THE CONTRACTOR AND THE UNIVERSITY REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD VERIFICATIONS AND COORDINATION REQUIRED FOR SHOP DRAWING ACCEPTANCE.
3. EXISTING CONSTRUCTION TO REMAIN, WHICH IS REMOVED AND/OR ALTERED IN ORDER TO FACILITATE OR ACCESS OTHER WORK, SHALL BE REPAIRED AND FINISHED TO ITS ORIGINAL CONDITION PRIOR TO THOSE ALTERATIONS.
4. PATCH ALL EXISTING FINISHES TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE CONSTRUCTION WORK.

BUILDING INFORMATION

EXISTING BUILDING INFORMATION:

EXISTING OCCUPANCY CLASSIFICATION:	GROUP R-2 (RESIDENTIAL DORMITORY) PREDOMINANT Group B (OFFICE) INCIDENTAL
BUILDING HEIGHT AND AREA:	HEIGHT: 7 STORIES, 73' FLOOR AREA: 12,250 SQ. FT. PER FLOOR
CONSTRUCTION DATE:	ORIGINAL 1964
CONSTRUCTION TYPE:	2C
FIRE PROTECTION AND ALARM:	EXISTING AUTOMATIC FIRE DETECTION AND ALARM SYSTEM EXISTING FULL NFPA 13R AUTOMATIC SPRINKLER SYSTEM

BUILDING CODE INFORMATION

APPLICABLE CODES:

2018 CONNECTICUT STATE FIRE SAFETY CODE (AS AMENDED)	2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FIRE CODE	2015 INTERNATIONAL PLUMBING CODE
2015 NFPA 101 LIFE SAFETY CODE	2015 INTERNATIONAL ENERGY CONSERVATION CODE
2018 STATE BUILDING CODE, STATE OF CONNECTICUT (AS AMENDED)	ICC/ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2015 INTERNATIONAL BUILDING CODE	2017 NATIONAL ELECTRICAL CODE (NFPA-70)
2015 INTERNATIONAL EXISTING BUILDING CODE	

APPLICABLE CODE SCOPE:

CONNECTICUT STATE BUILDING CODE (CSBC)	ALTERATIONS - LEVEL 1:
CONNECTICUT STATE FIRE SAFETY CODE (CSFSC)	701.2 CONFORMANCE - ALTERATIONS SHALL NOT RESULT IN LESS SAFE CONDITIONS THAN THOSE CONDITIONS PRIOR TO THE ALTERATIONS
2015 INTERNATIONAL BUILDING CODE (IBC) WITH CT AMENDMENT	702.1, 702.2, 702.3 BUILDING ELEMENTS AND MATERIALS INTERIOR FINISHES - NEW FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE IBC.
101.2 SCOPE EXCEPTION 2 - EXISTING BUILDINGS UNDERGOING ALTERATIONS PERMITTED TO COMPLY WITH THE INTERNATIONAL EXISTING BUILDING CODE PORTION OF 2018 CSBC	(AMD2018) 704.2 MINIMUM STANDARDS - MEANS OF EGRESS IN EXISTING BUILDINGS SHALL MEET THE REQUIREMENTS OF THE PROVISIONS OF PART IV OF THE 2018 CSFSC (NFPA 101 LIFE SAFETY CODE 2015)
2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)	702.6 (IEBC) MATERIALS AND METHODS - ALL NEW WORK SHALL COMPLY WITH THE REQUIREMENTS IN THE IBC, IECC, IMC AND IPC
(AMD2018) 101.4.2 - LEGALLY OCCUPIED EXISTING BUILDINGS SHALL BE PERMITTED TO CONTINUE WITHOUT CHANGE EXCEPT AS SPECIFICALLY COVERED IN THE IEBC OR THE 2018 CONNECTICUT STATE FIRE SAFETY CODE (CSFSC)	804.4.2 (IBC) INTERIOR FLOOR FINISH - NEW FLOOR FINISH SHALL COMPLY WITH THE DOC FF-1 "PILL TEST"
(AMD2018) 101.10 MEANS OF EGRESS - MEANS OF EGRESS IN EXISTING BUILDINGS SHALL MEET THE REQUIREMENTS OF THE PROVISIONS OF PART IV OF THE CSFSC (NFPA 101 LIFE SAFETY CODE 2015) FOR THE PROPOSED OCCUPANCY	

LIST OF DRAWINGS

C1	COVER SHEET, CODE SCOPE, LOCATION MAP, AND GENERAL NOTES
A1	FIRST FLOOR PLAN
A2	PARTIAL PLAN LOCATION 5
A3	PARTIAL PLANS LOCATIONS 1, 2, 3
A4	PARTIAL PLANS LOCATIONS 4, 6
A5	DETAILS
A6	PHOTOS - LOCATION 5
A7	PHOTOS - LOCATION 1, 2, 3
A8	PHOTOS - LOCATIONS 4, 6

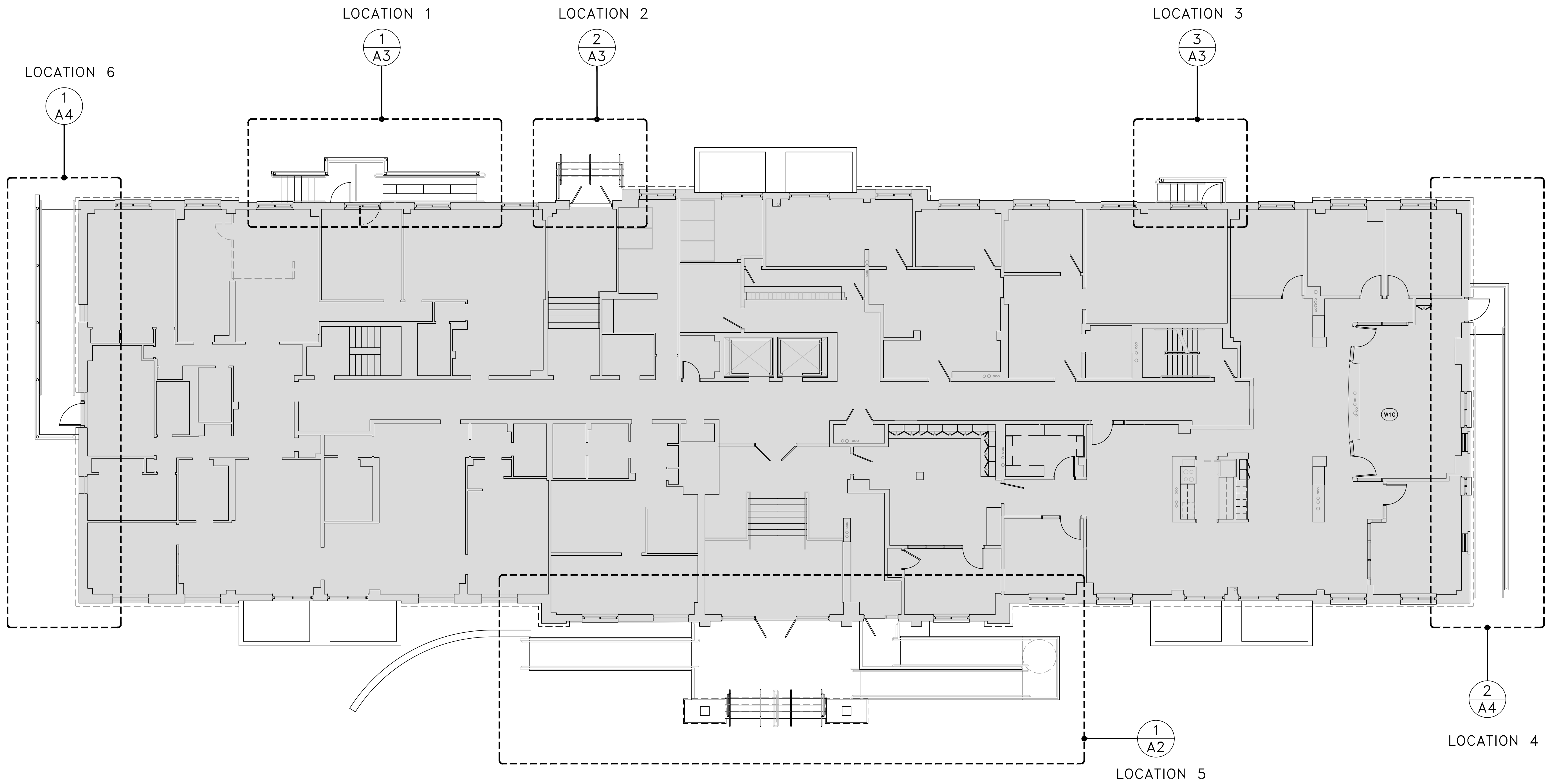


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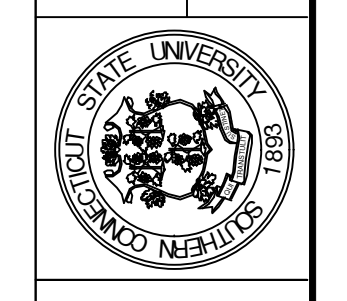
DATE:
FEBRUARY 22, 2021

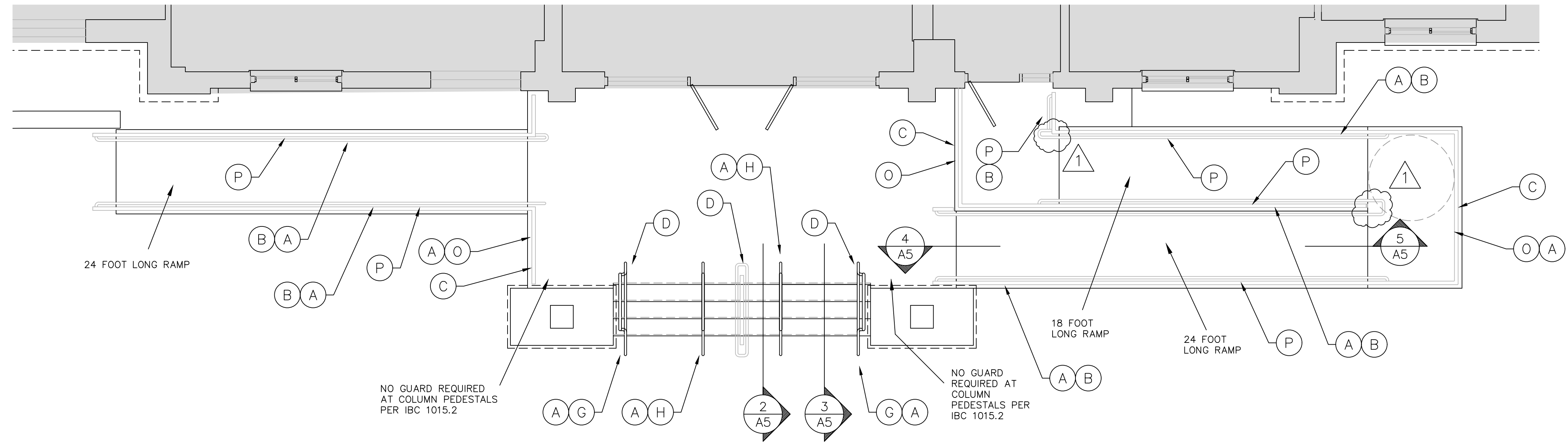
SHEET NO.

C1



1
A1 FIRST FLOOR PLAN – EXISTING EXTERIOR STAIRS AND RAMP LOCATIONS
SCALE: 1/8" = 1'-0"





1 LOCATION 5 - PARTIAL PLAN
 A2 SCALE: 1/4" = 1'-0"

CONSTRUCTION NOTES

- | | |
|--|--|
| <p>(A) FIELD MEASURE AND EXISTING CONDITIONS IN ORDER TO DEVELOP SHOP DRAWINGS FOR REVIEW FOR NEW RAILINGS AND GUARDS</p> <p>(B) REMOVE EXISTING HANDRAIL(S) AND GUARD. REMOVE POSTS FROM SLEEVES SET INTO EXISTING CONCRETE TEADS, RAMPS OR LANDINGS. FILL EXISTING SLEEVES WITH NON-SHRINK EPOXY GROUT FLUSH WITH SURFACE - TYPICAL</p> <p>(C) REMOVE EXISTING GUARD. REMOVE POSTS FROM SLEEVES AT TOP OF EXISTING CONCRETE LANDING OR RETAINING WALL. INSPECT EXISTING SLEEVES FOR POSSIBLE REUSE. FILL NON-REUSED EXISTING SLEEVES WITH NON-SHRINK EPOXY GROUT FLUSH WITH SURFACE - TYPICAL</p> <p>(D) REMOVE EXISTING STAIR GUARD AND HANDRAILS. REMOVE POSTS FROM SLEEVES OR CORINGS AT EXISTING CONCRETE LANDINGS OR RETAINING WALL. INSPECT EXISTING SLEEVES FOR POSSIBLE REUSE. FILL NON-REUSED EXISTING SLEEVES WITH NON-SHRINK EPOXY GROUT FLUSH WITH SURFACE - TYPICAL</p> <p>(E) REMOVE EXISTING HANDRAIL AND POSTS FROM CORINGS IN EXISTING CONCRETE TREADS, RAMPS OR LANDINGS. FILL EXISTING CORINGS WITH NON-SHRINK EPOXY GROUT FLUSH WITH SURFACE - TYPICAL</p> <p>(F) REMOVE EXISTING WALL MOUNTED HANDRAIL AND BRACKETS. FILL EXISTING ANCHOR HOLES WITH NON-SHRINK EPOXY GROUT</p> | <p>(G) NEW 42" HIGH STAIR GUARD WITH PICKET INFILL AND 36" HIGH HANDRAIL WITH ENDS RETURNED TO GUARD RAIL POSTS, SEE DETAIL</p> <p>(H) NEW 36" HIGH STAIR INTERMEDIATE HANDRAIL WITH ENDS RETURNED TO POSTS, SEE DETAIL</p> <p>(I) NEW 36" HIGH RAMP HANDRAIL WITH ENDS RETURNED TO HANDRAIL POSTS</p> <p>(J) NEW 36" HIGH RAMP HANDRAIL WITH ENDS RETURNED TO ADJACENT WALL</p> <p>(K) NEW 36" HIGH STAIR HANDRAIL WITH ENDS RETURNED TO HANDRAIL POSTS</p> <p>(L) NEW 36" HIGH STAIR HANDRAIL WITH ENDS RETURNED TO ADJACENT WALL</p> <p>(M) NW 36" HIGH HANDRAIL WITH POSTS TO CONCRETE LANDING AND MID-RAIL. BOTTOM OF MID-RAIL 26" ABOVE CONCRETE LANDING</p> <p>(N) EXISTING GUARD CONSTRUCTION TO REMAIN</p> <p>(O) NEW 42" HIGH GUARD WITH VERTICAL PICKET INFILL</p> <p>(P) NEW 42" HIGH GUARD WITH VERTICAL PICKET INFILL AND ATTACHED NEW 36" HIGH HANDRAIL, SEE DETAIL</p> |
|--|--|



1 OSBI PLAN REVIEW 03/24/21

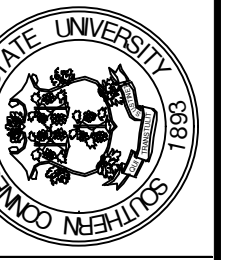
CADD. NO. PROJECT NO. SCSU-2021-03

SHEET DATE: FEBRUARY 22, 2021

TITLE: PARTIAL PLANS - LOCATION 5

A2

SCHWARTZ HALL
 EXTERIOR HANDRAILS AND GUARDS
 REPLACEMENT 2021



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 FACILITIES PLANNING DEPARTMENT
 615 FITCH STREET, HAMDEN, CT. 06514 TEL. 203-392-6055

GUARDS AND HANDRAILS CONSTRUCTION

GUARD POSTS AND RAILS: 1 1/2" DIAMETER SCHEDULE 40 GRADE 304 STAINLESS STEEL PIPE

HANDRAILS: 1 1/4" DIAMETER SCHEDULE 40 GRADE 304 STAINLESS STEEL PIPE

VERTICAL PICKETS: 1/2" DIAMETER ROUND BAR GRADE 304 STAINLESS STEEL

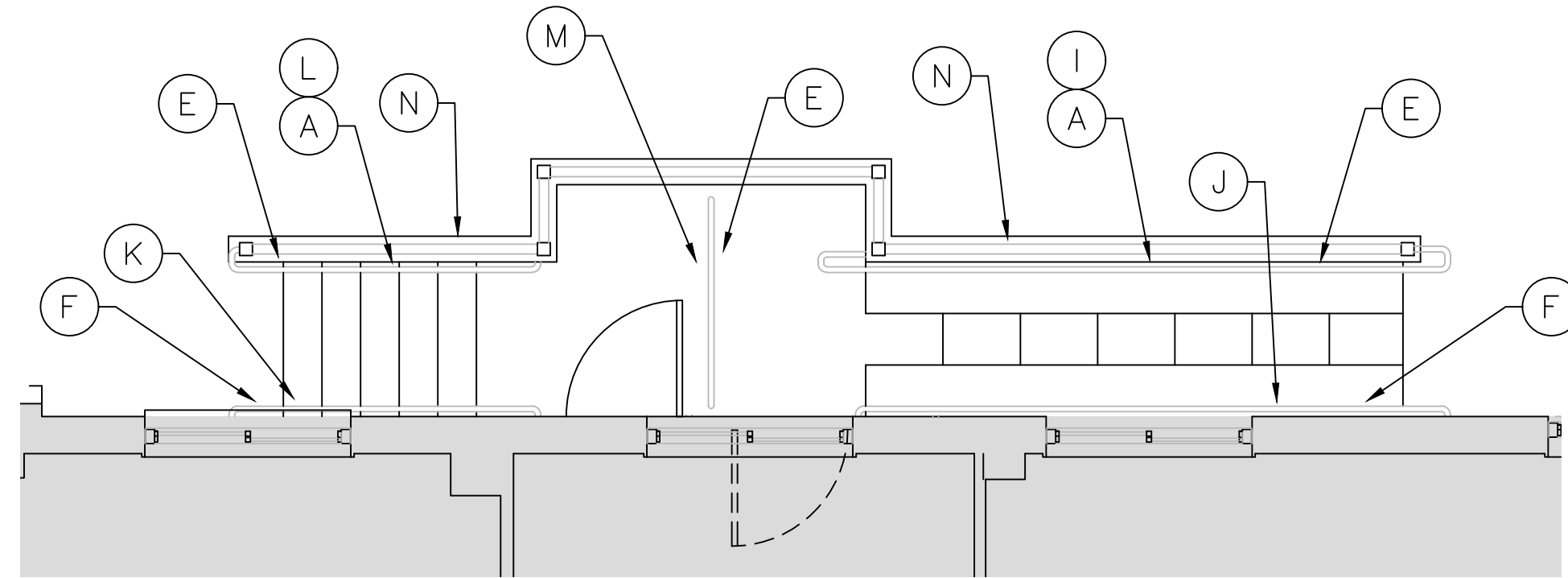
HANDRAIL BRACKETS: FABRICATED FROM 5/8" DIAMETER GRADE 304 STAINLESS STEEL ROUND BAR WITH APPROPRIATE STAINLESS STEEL STANDOFF OR WALL PLATE

POST CORINGS IN EXISTING CONCRETE: 6" DEEP X DIAMETER AS REQUIRED FOR POST SECTION

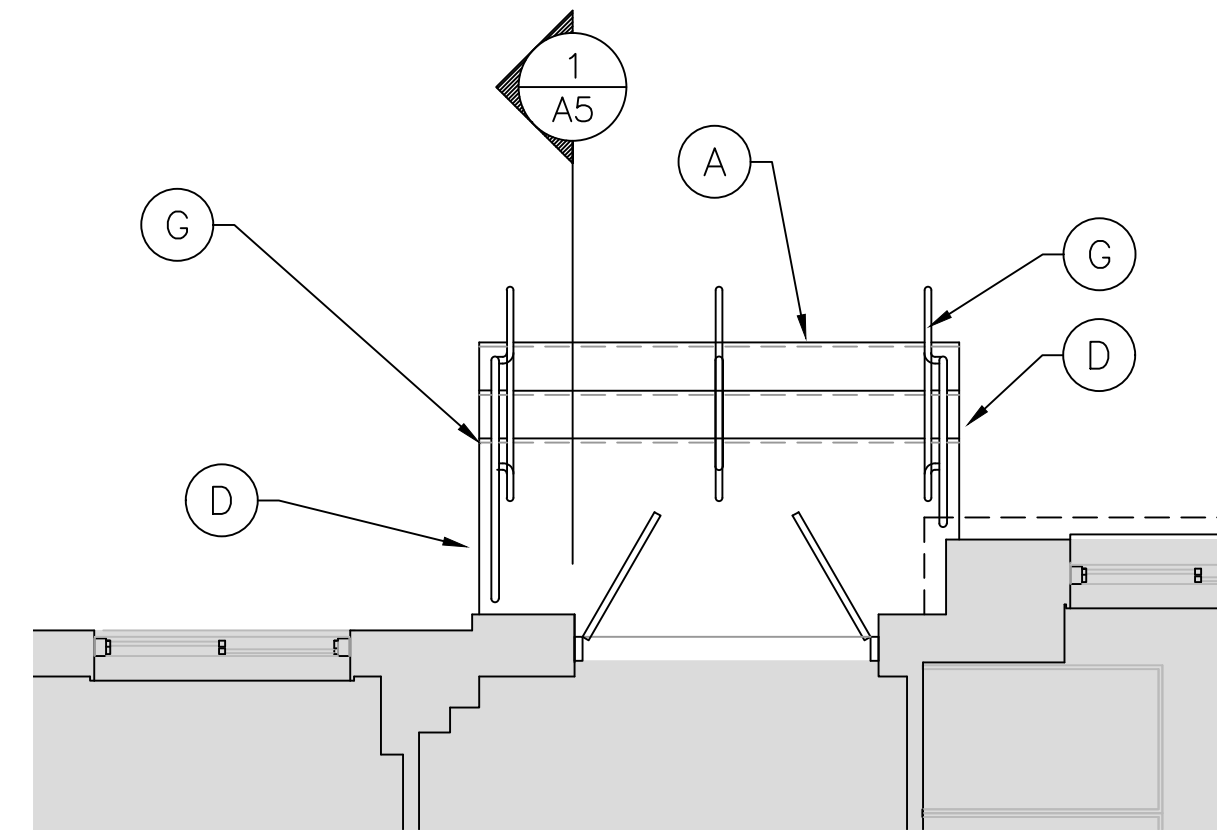
WELDED CONSTRUCTION: ALL FABRICATION TO BE WELDED AND GROUND TO PROVIDE A NO. 4 BRUSHED FINISH

FINISH: ALL PIPE FABRICATION TO RECEIVE A NO. 4 BRUSHED FINISH AND BE PASSIVATED AND THEN TREATED WITH BOESHIELD T9 PRIOR AND AFTER INSTALLATION

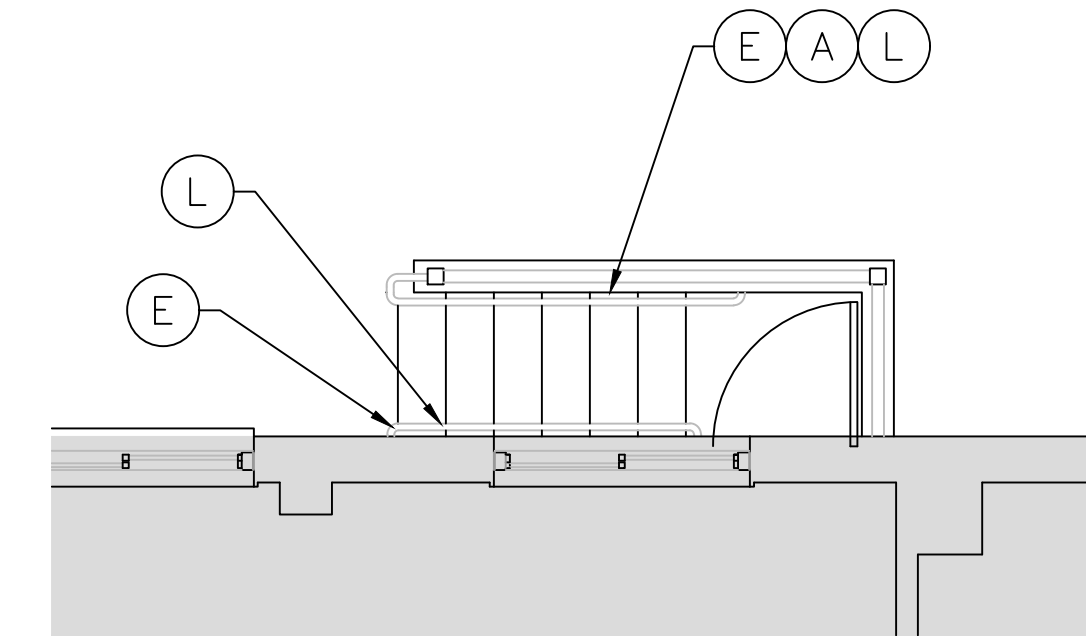
DEMOLISHED GUARDS AND RAILS: DISPOSE OF STEEL GUARDS AND RAILS TO BE DEMOLISHED. CONTACT SCSU UNIVERSITY RECYCLING COORDINATOR AT (203) 392-6931 REGARDING PROCEDURE.



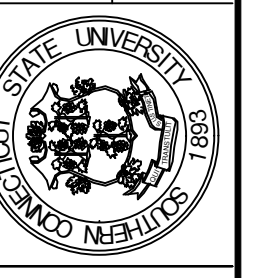
1 LOCATION 1 - PARTIAL PLAN
A3 SCALE: 1/4" = 1'-0"

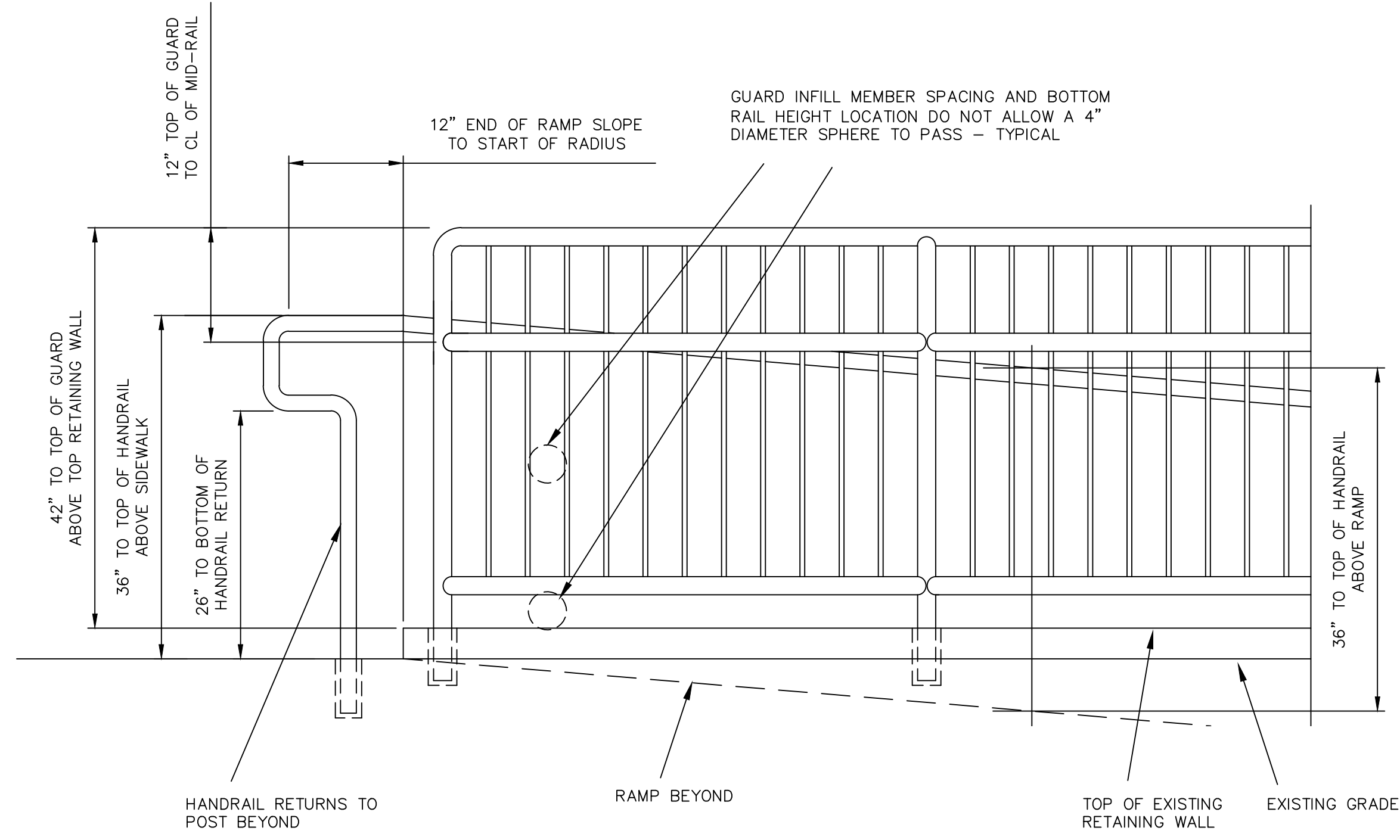


2 LOCATION 2 - PARTIAL PLAN
A3 SCALE: 1/4" = 1'-0"

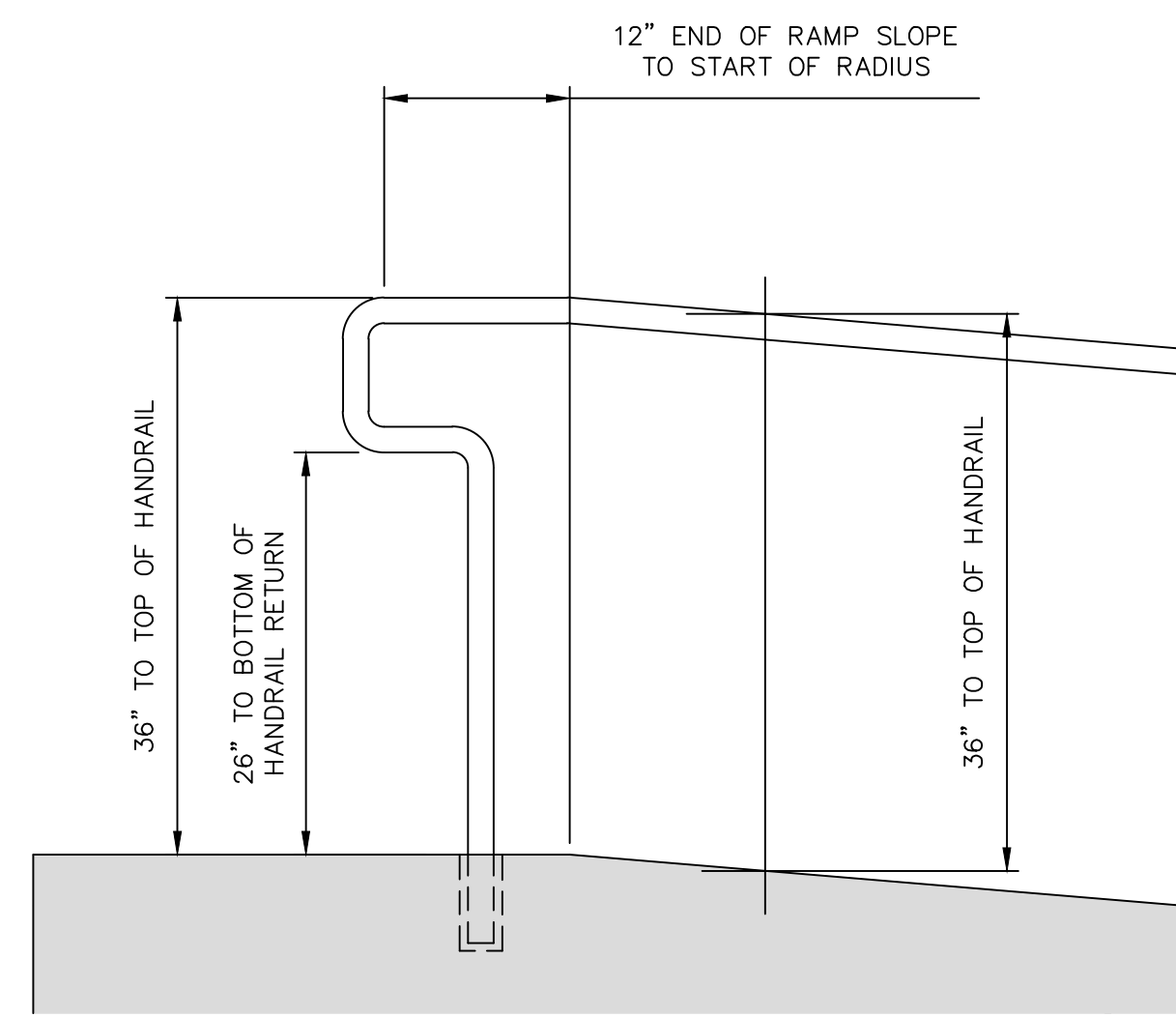


3 LOCATION 3 - PARTIAL PLAN
A3 SCALE: 1/4" = 1'-0"

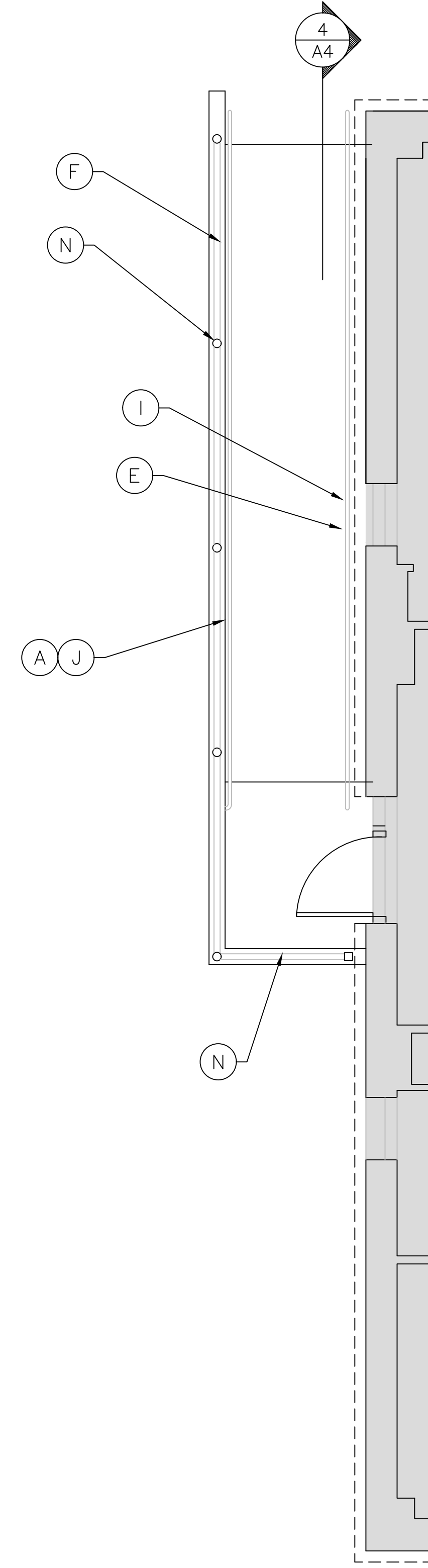




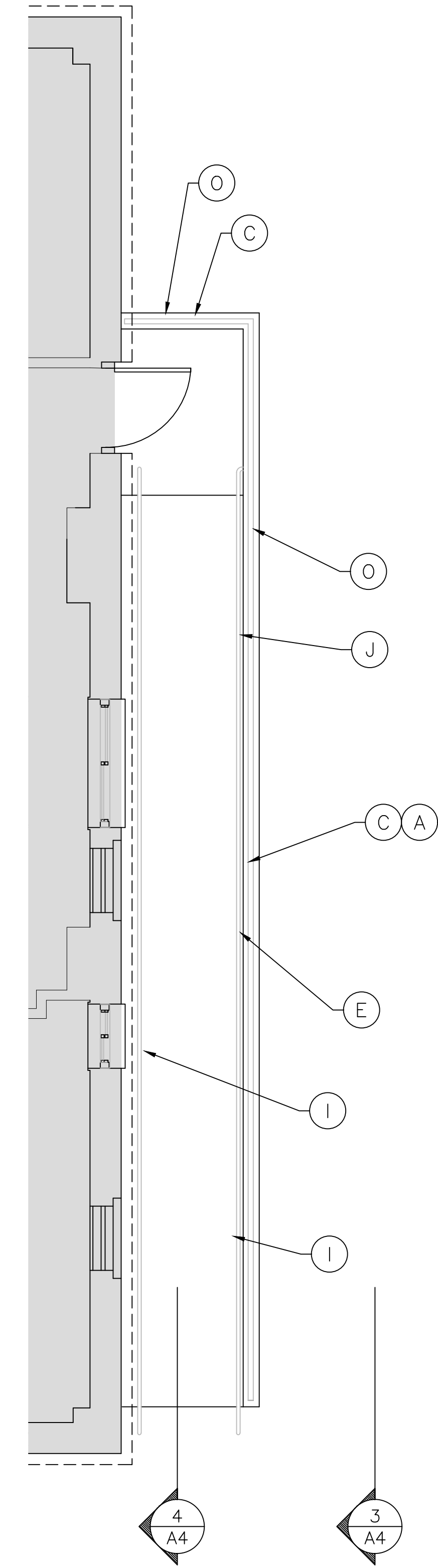
3 LOCATION 5 - GUARD AND HANDRAIL
 A4 SCALE: 1" = 1'-0"



4 VARIOUS LOCATIONS - HANDRAIL RETURN SURFACE
 A4 SCALE: 1" = 1'-0"

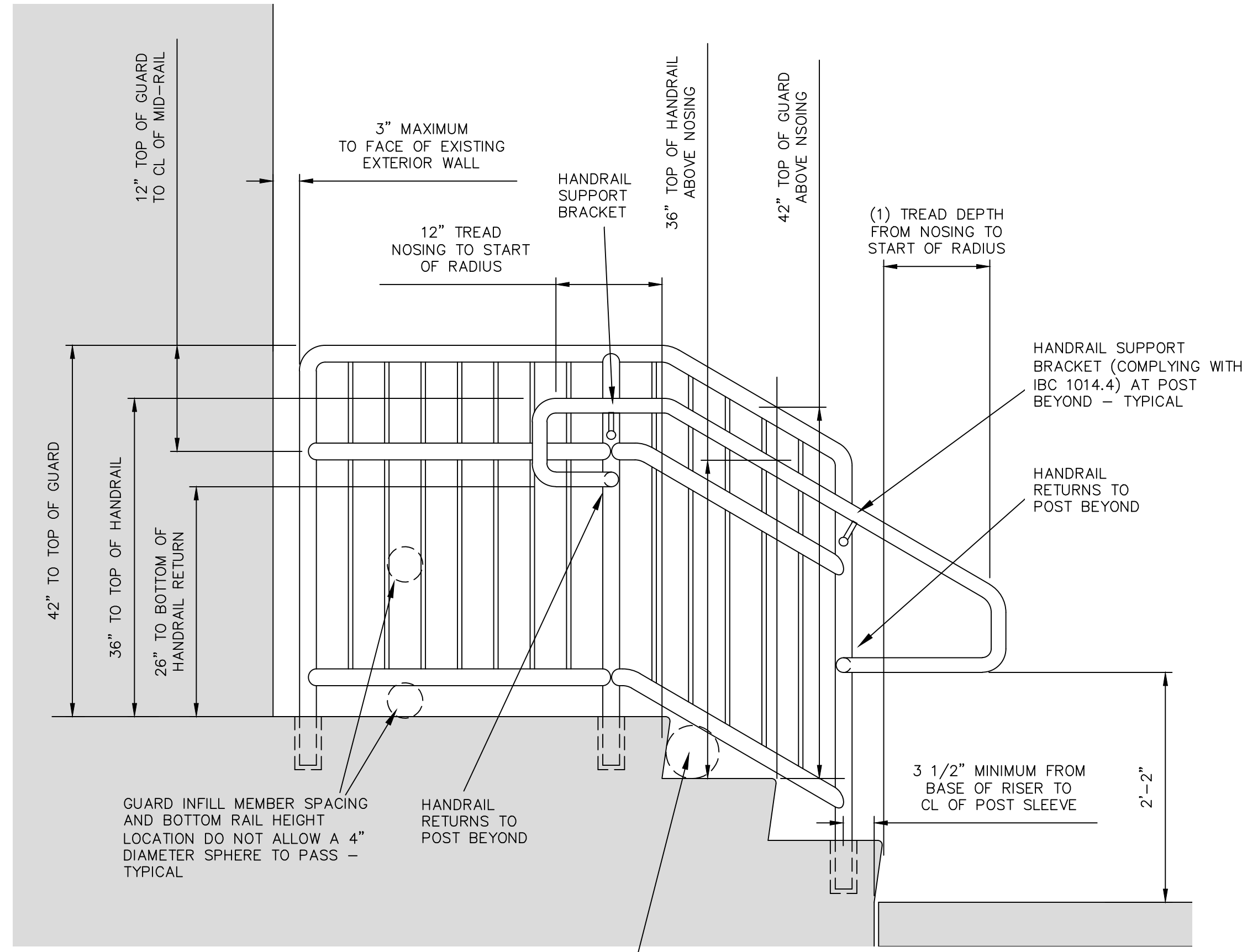


2 LOCATION 6 - PARTIAL PLAN
 A4 SCALE: 1/4" = 1'-0"

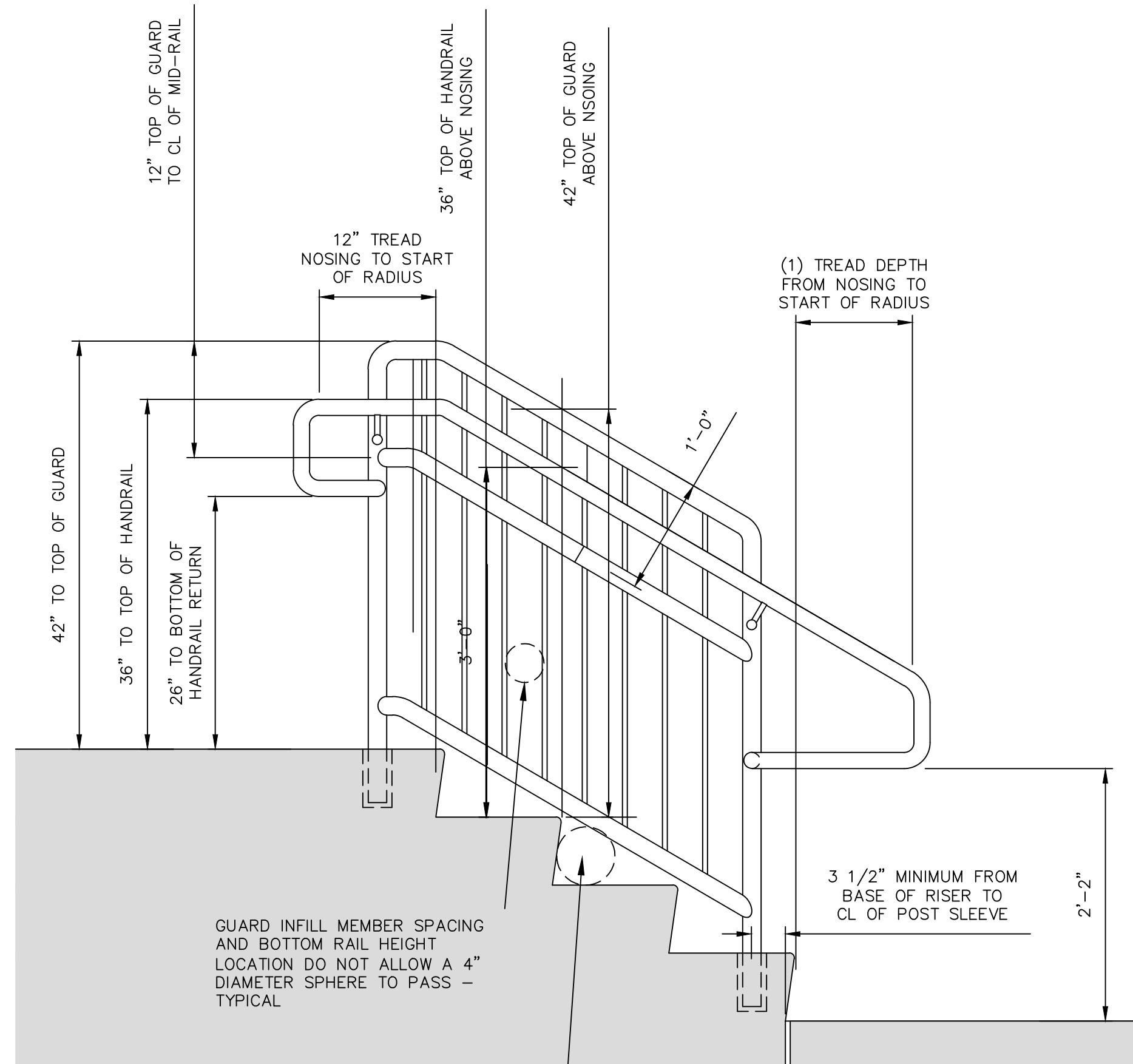


1 LOCATION 4 - PARTIAL PLAN
 A4 SCALE: 1/4" = 1'-0"

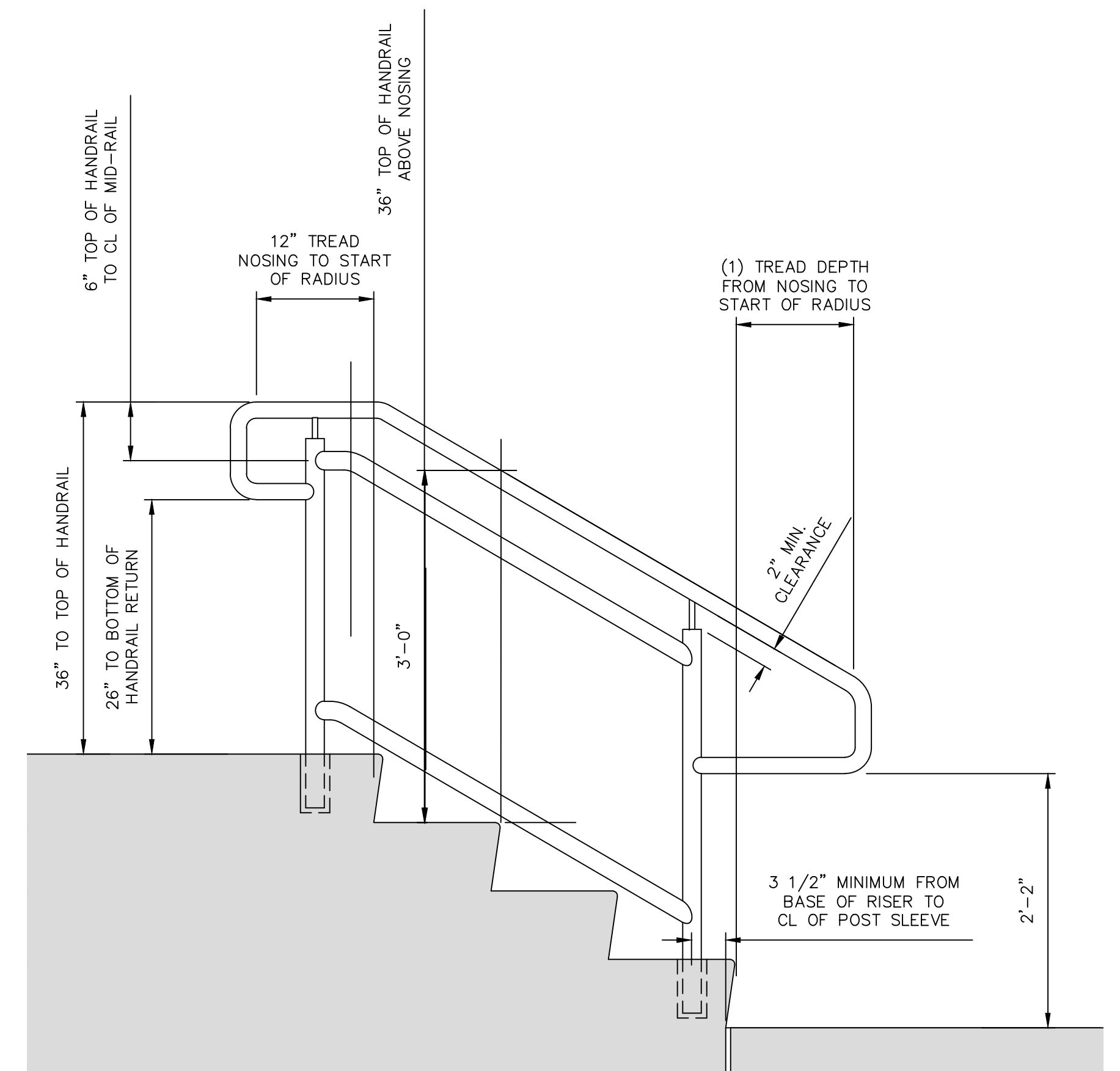




AT STAIR RISERS AND TREADS BOTTOM RAIL HEIGHT LOCATION DOES NOT ALLOW A 6" DIAMETER SPHERE TO PASS - TYPICAL



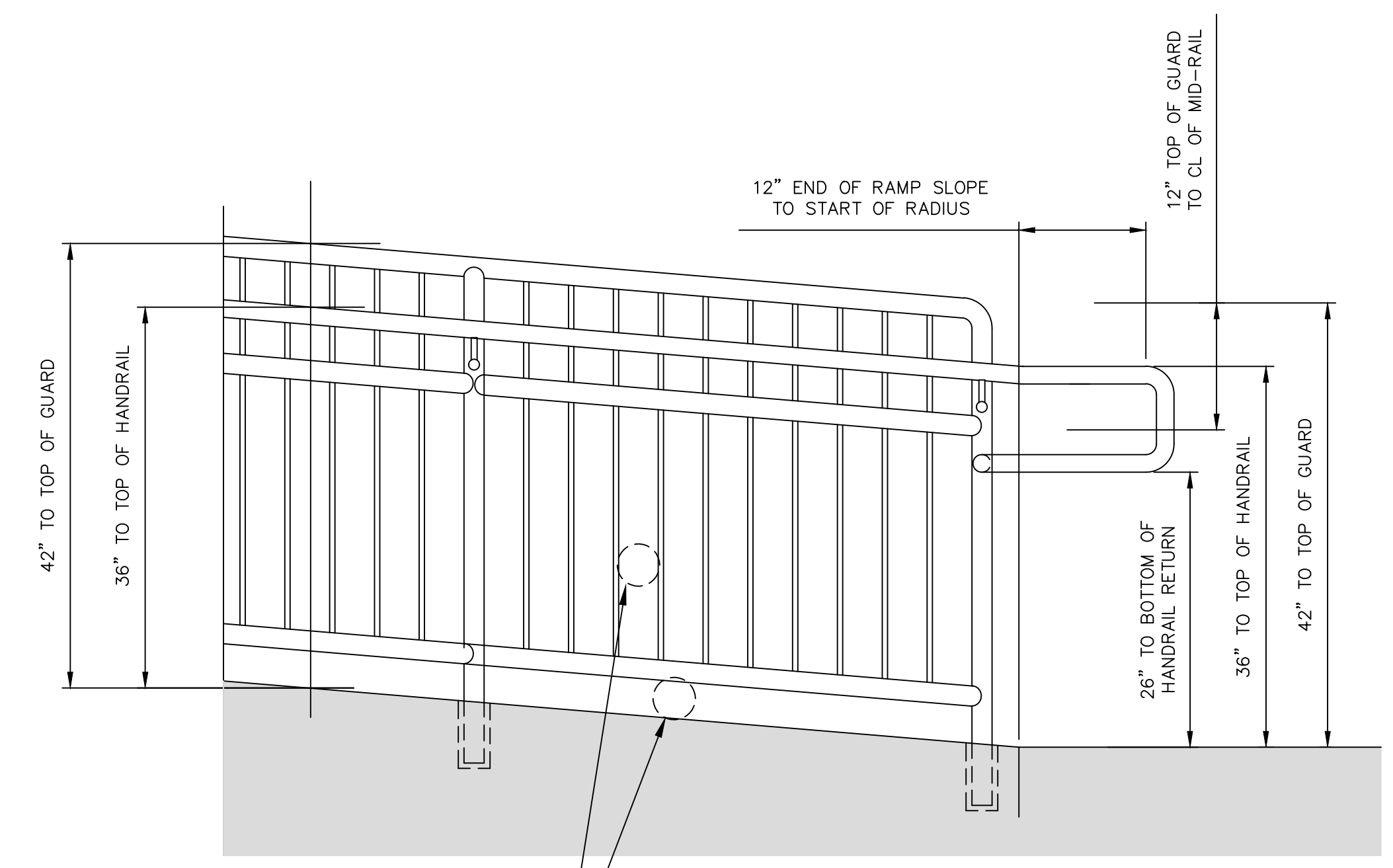
AT STAIR RISERS AND TREADS BOTTOM RAIL HEIGHT LOCATION DOES NOT ALLOW A 6" DIAMETER SPHERE TO PASS - TYPICAL



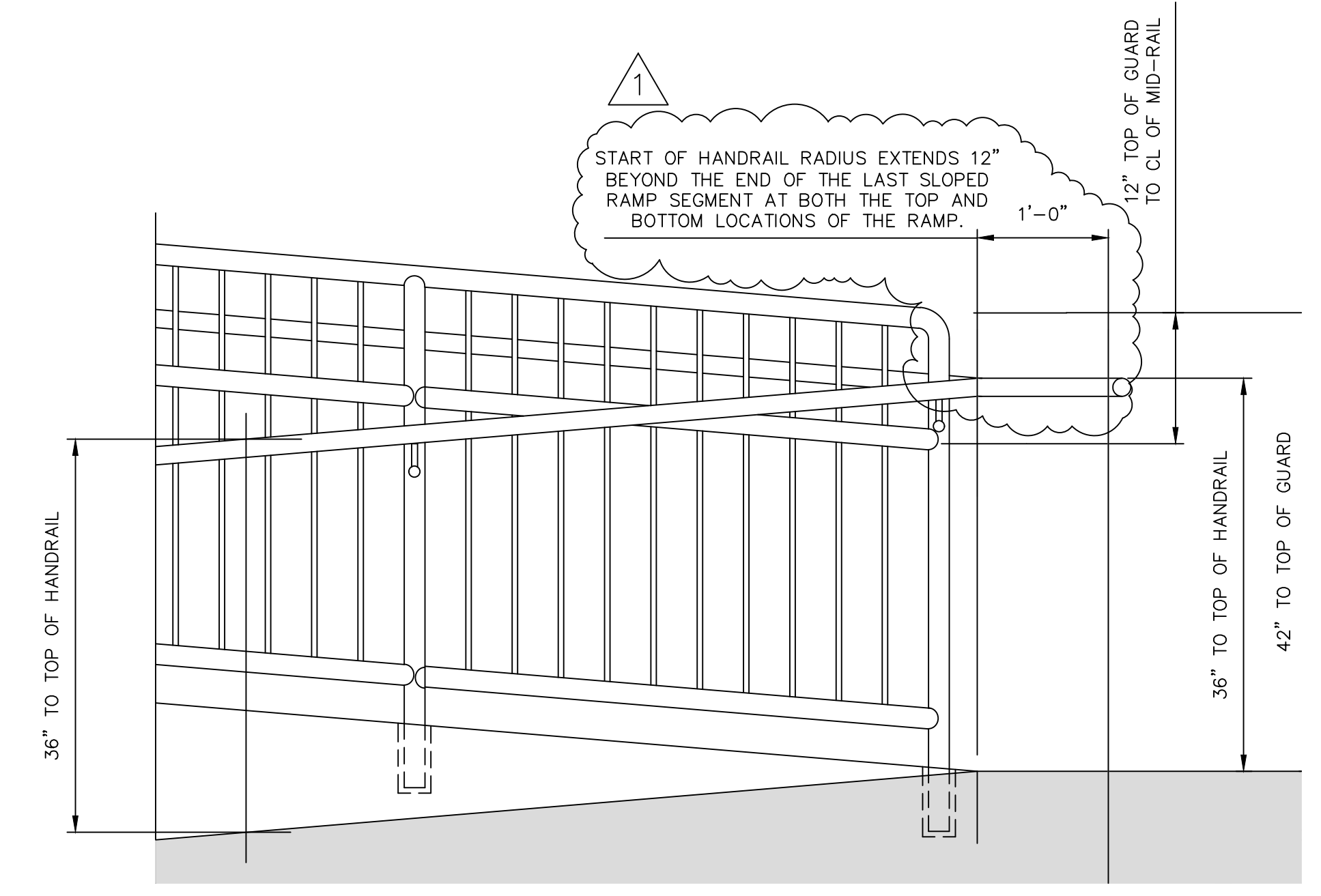
1 LOCATION 2 - STAIR SECTION GUARD - RAILHANDRAIL DETAIL AT OPPOSITE SIDE OF STAIR IS SIMILAR OPPOSITE HAND WITH SHORTER GUARD LENGTH
A5 SCALE: 1" = 1'-0"

2 LOCATION 5 - STAIR SECTION
A5 SCALE: 1" = 1'-0"

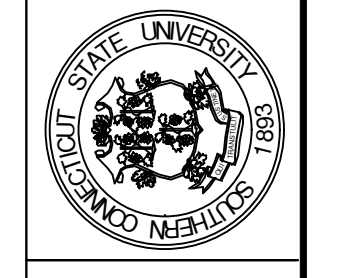
3 LOCATION 5 - STAIR SECTION - INTERMEDIATE HANDRAIL
A5 SCALE: 1" = 1'-0"



4 LOCATION 5 - RAMP SECTION AT LOWER LANDING
A5 SCALE: 1" = 1'-0"



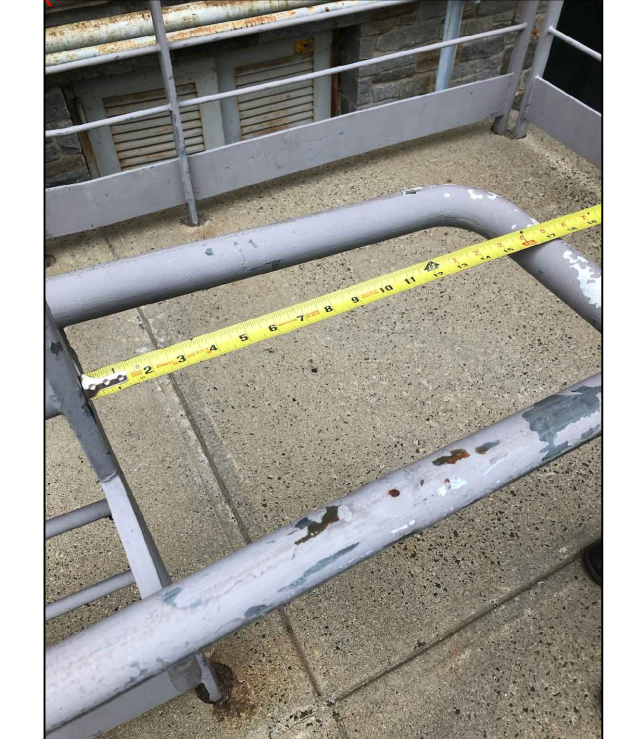
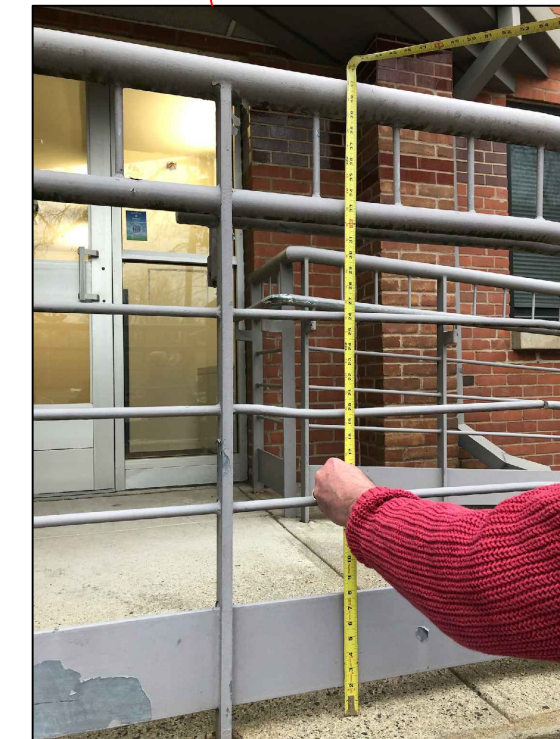
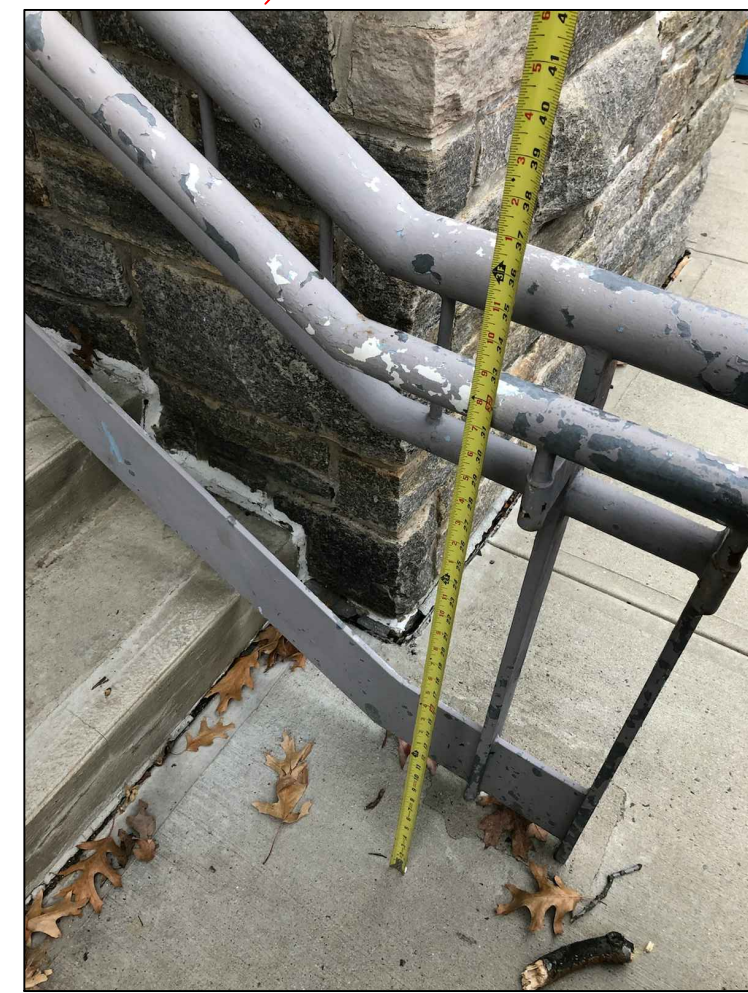
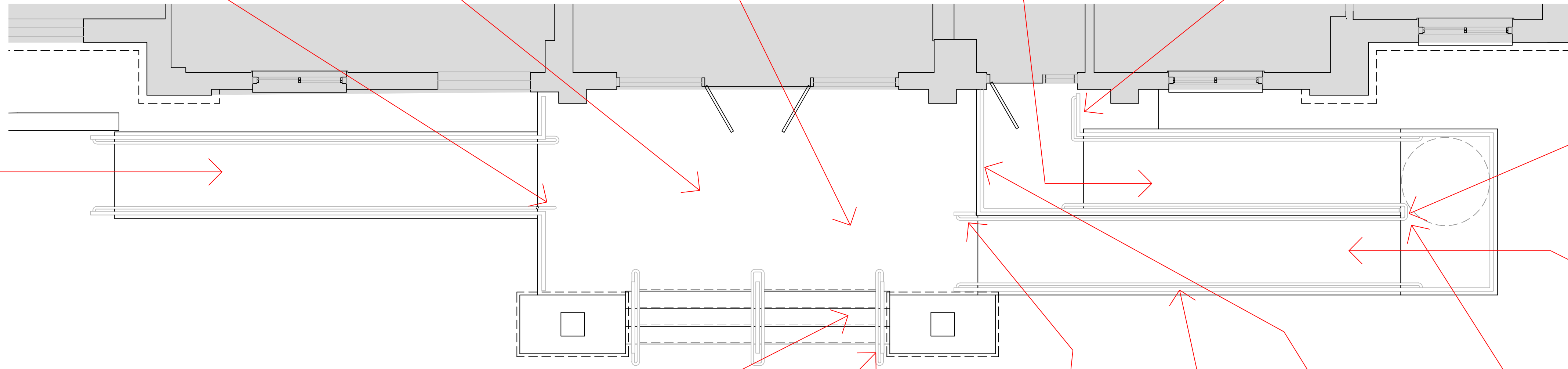
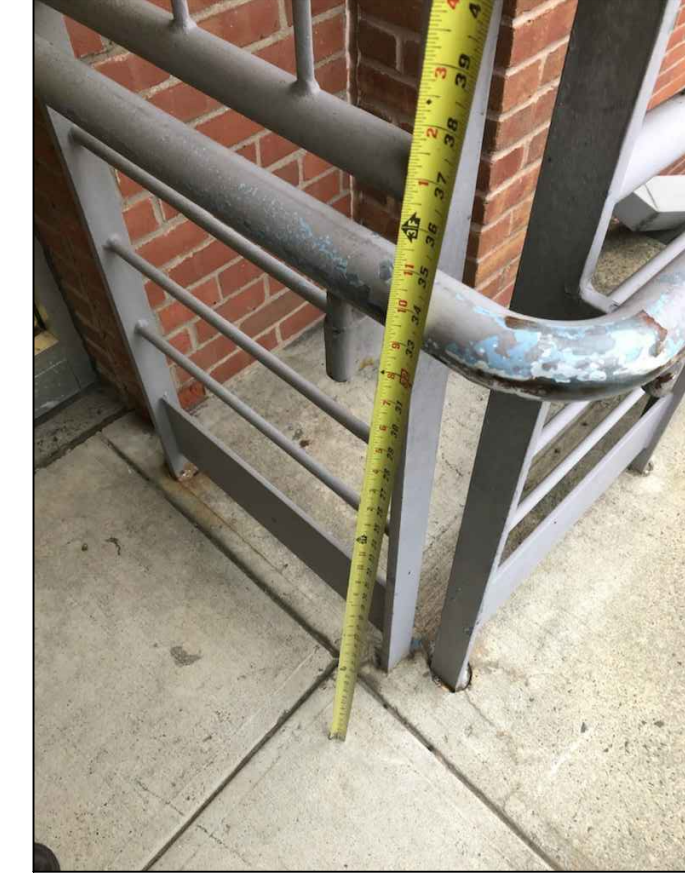
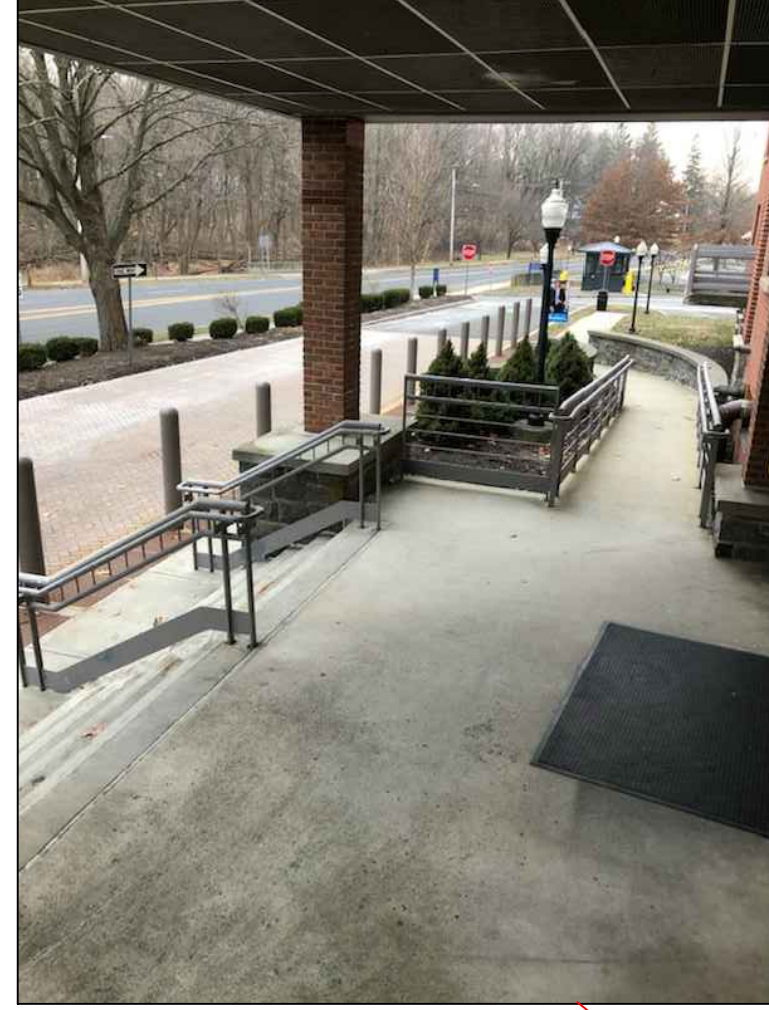
5 LOCATION 5 - RAMP SECTION AT INTERMEDIATE LANDING
A5 SCALE: 1" = 1'-0"



1 OSBI PLAN REVIEW 03/24/21

CADD. NO. PROJECT NO. SCSU-2021-03
SHEET DATE: FEBRUARY 22, 2021
DRAWING TITLE: DETAILS
A5





1 LOCATION 5 - PARTIAL PLAN
A2 SCALE: 1/4" = 1'-0"

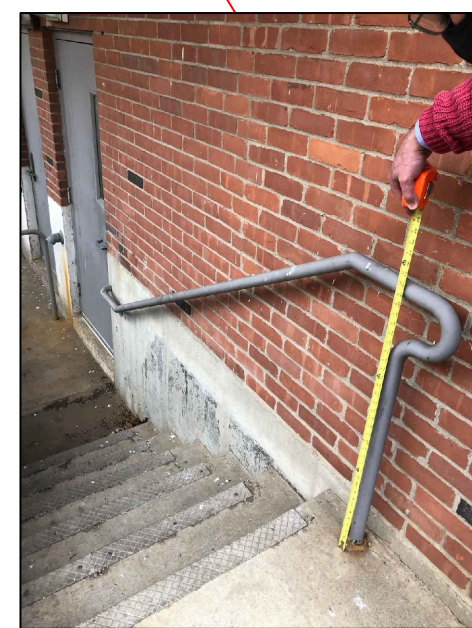
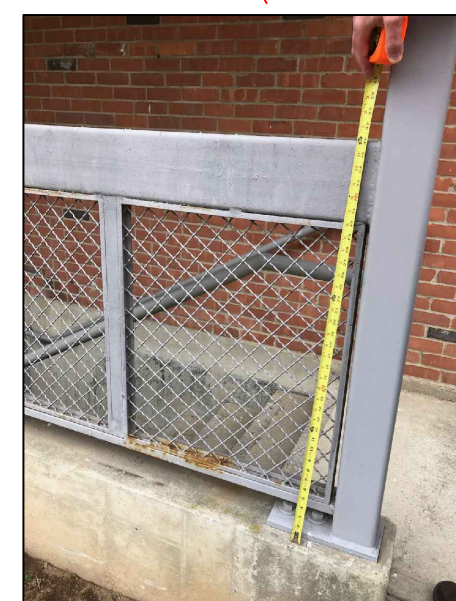
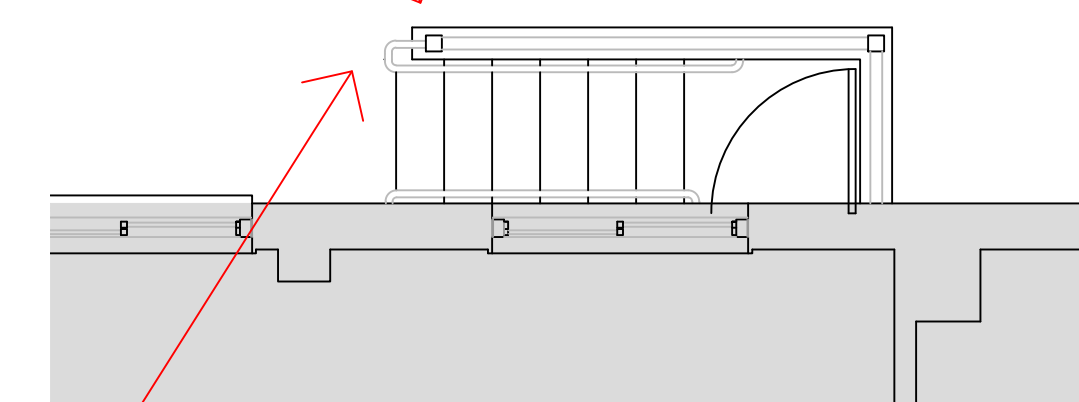
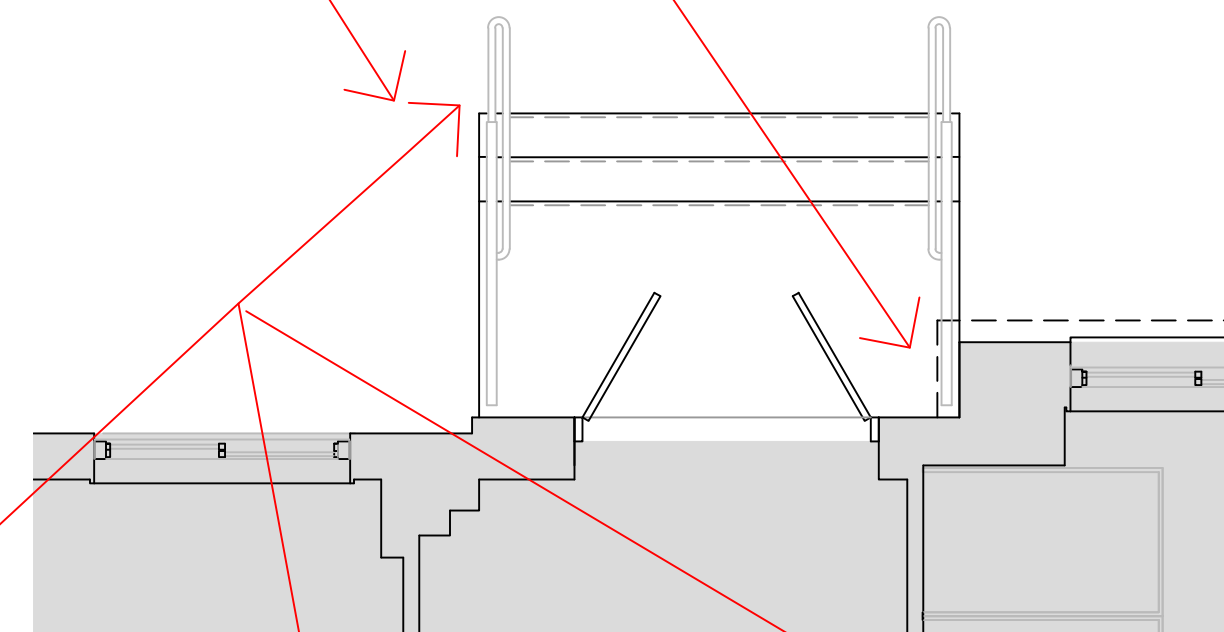
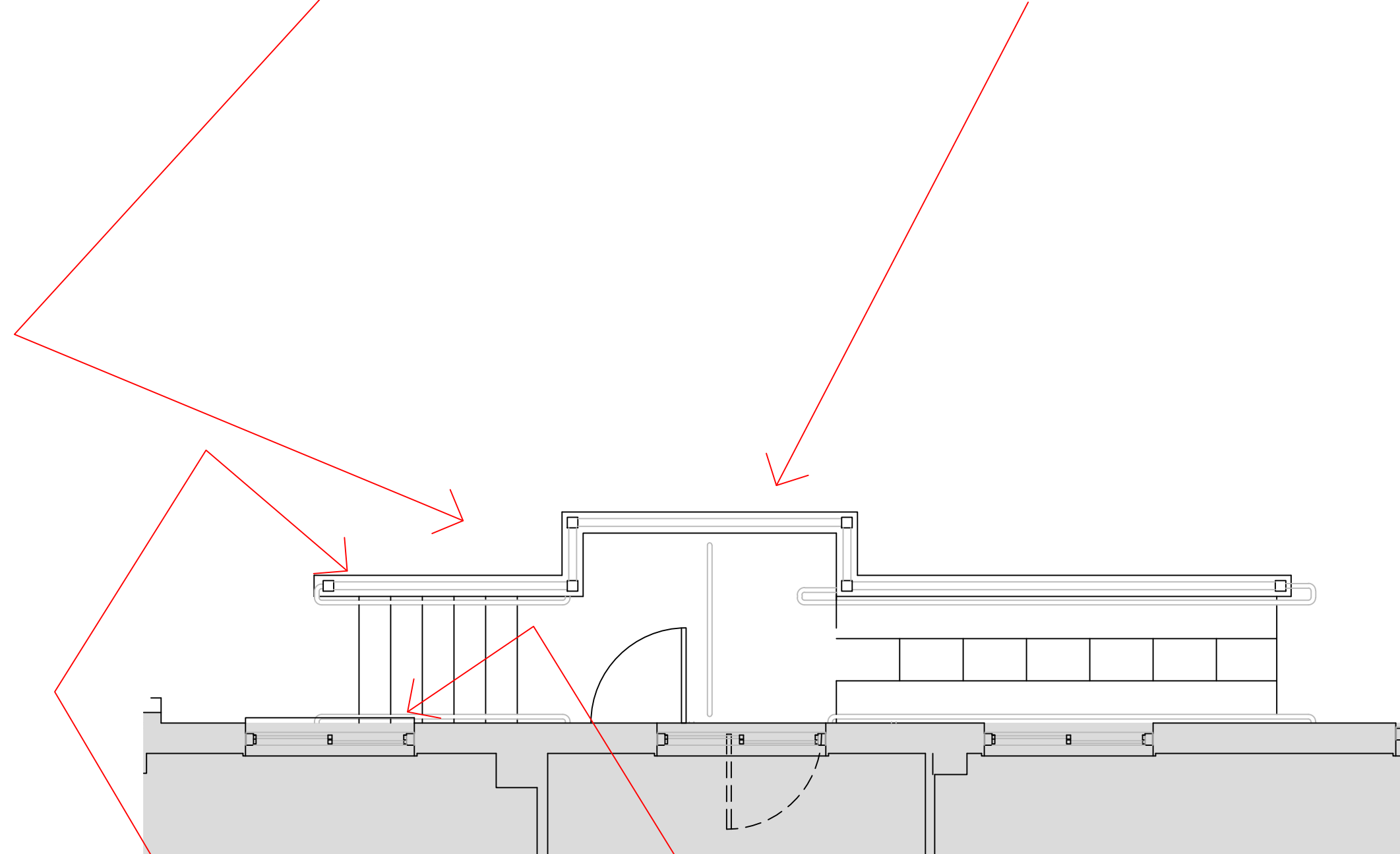
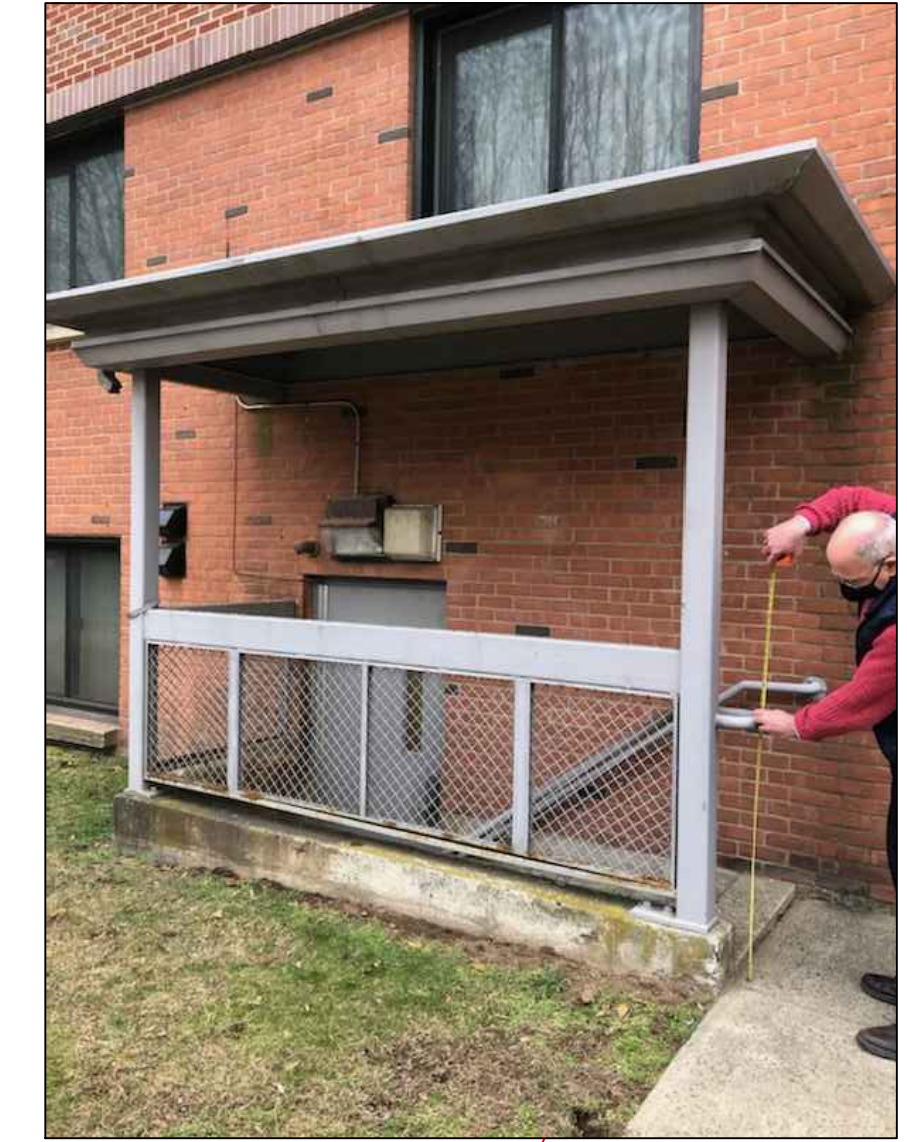
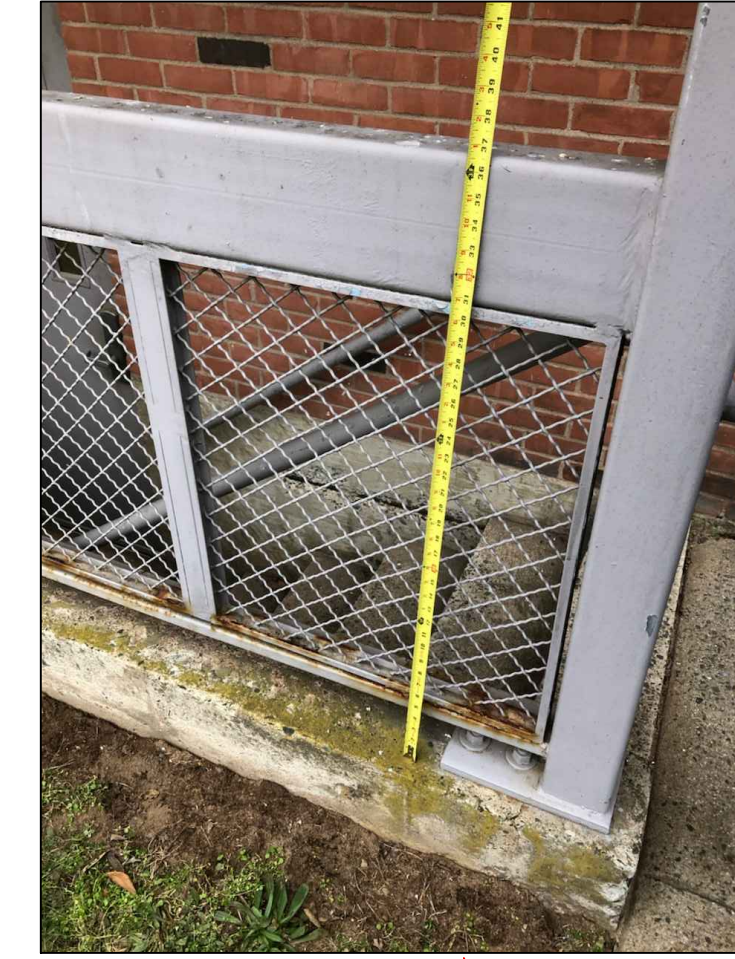


CADD. NO. PROJECT NO. SCSU-2021-03
SHEET DATE: FEBRUARY 22, 2021
A6 DRAWING TITLE: PHOTOS - LOCATION 5

SCHWARTZ HALL
EXTERIOR HANDRAILS AND GUARDS
REPLACEMENT 2021



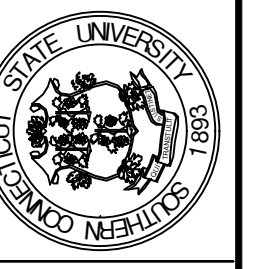
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STATE UNIVERSITY
FACILITIES PLANNING DEPARTMENT
615 FITCH STREET, HAMDEN, CT, 06514 TEL. 203-392-6055



1 LOCATION 1 - PARTIAL PLAN
A3 SCALE: 1/4" = 1'-0"

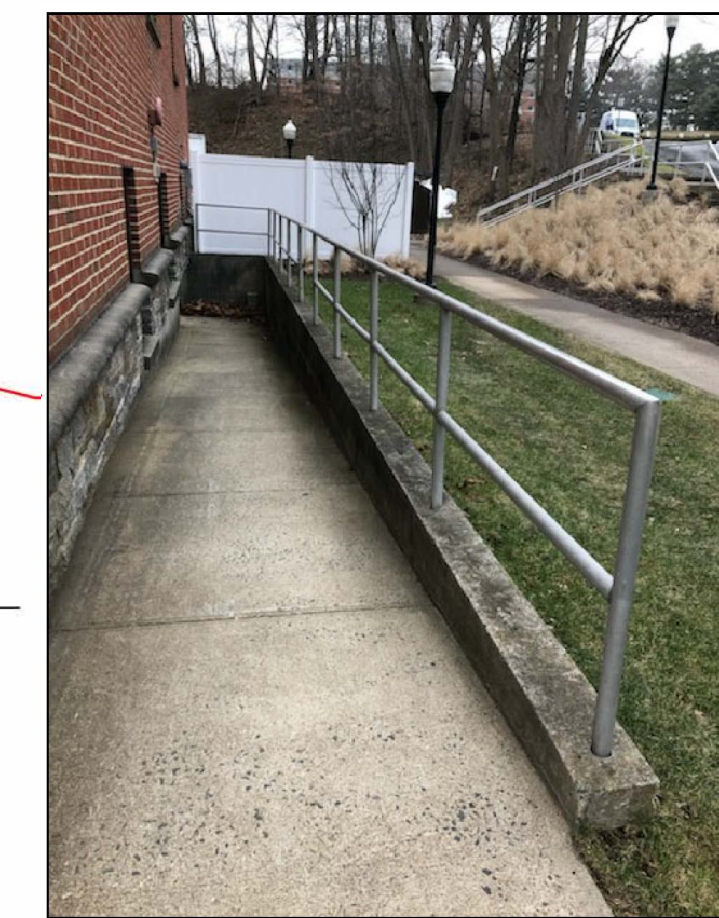
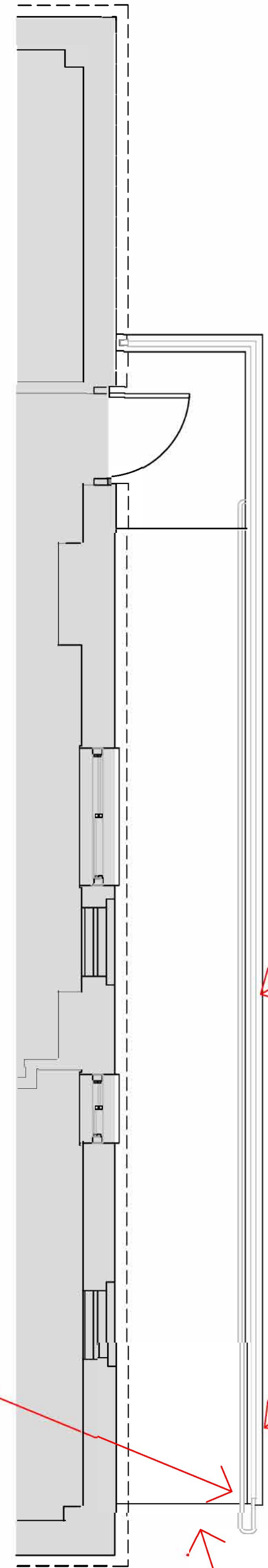
2 LOCATION 2 - PARTIAL PLAN
A3 SCALE: 1/4" = 1'-0"

3 LOCATION 3 - PARTIAL PLAN
A3 SCALE: 1/4" = 1'-0"

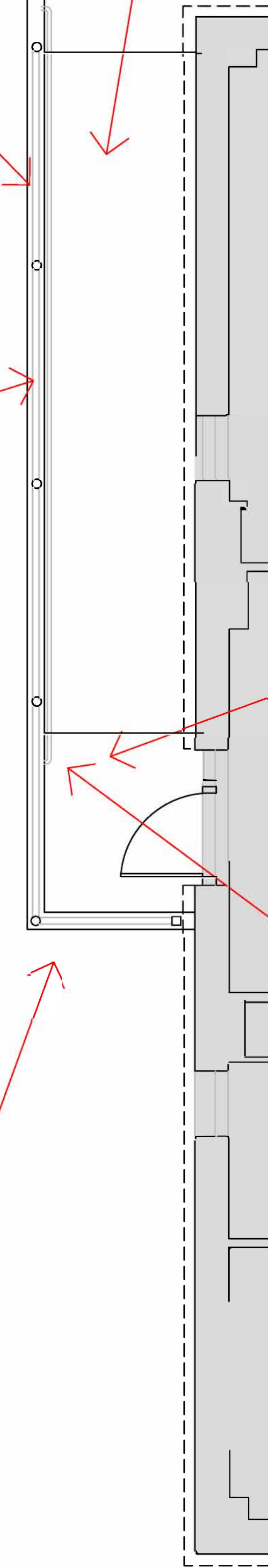




1 LOCATION 4 - PARTIAL PLAN
A4 SCALE: 1/4" = 1'-0"



2 LOCATION 6 - PARTIAL PLAN
A4 SCALE: 1/4" = 1'-0"

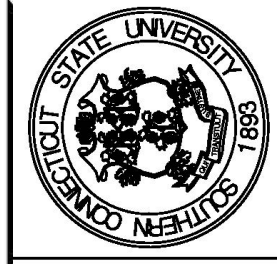


CADD. NO. SCSU-2021-03

SHEET DATE: FEBRUARY 22, 2021

A8 DRAWING TITLE: PHOTOS - LOCATIONS 4, 6

SCHWARTZ HALL
EXTERIOR HANDRAILS AND GUARDS
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