

MEZZANINE AND LOW LEVEL PLATFORM DEMO PLAN - ELEVATION 688'-8" TO 693'-8"

UPPER LEVEL PLATFORM DEMO PLAN - ELEVATION 707'-5"

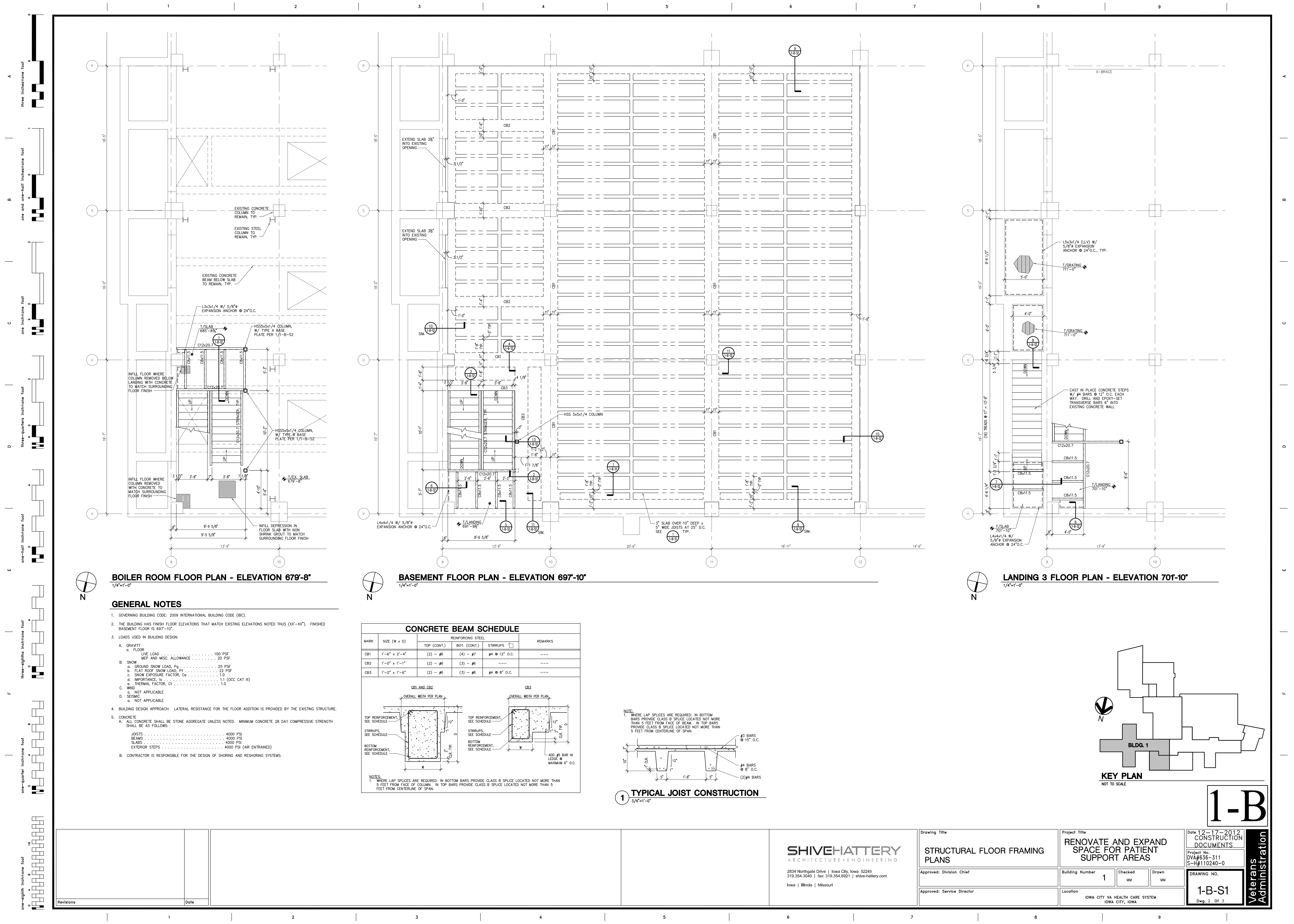
1 EXISTING BEAM/COLUMN/BRACE DETAIL

2 EXISTING UPPER MEZZANINE DETAIL

KEY PLAN

1-B

Veterans Administration



BOILER ROOM FLOOR PLAN - ELEVATION 679'-8"

1/4"=1'-0"

GENERAL NOTES

- GOVERNING BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE (IBC).
 - THE BUILDING HAS FINISH FLOOR ELEVATIONS THAT MATCH EXISTING ELEVATIONS NOTED THUS (XX'-XX"). FINISHED BASEMENT FLOOR IS 697'-10".
 - LOADS USED IN BUILDING DESIGN:
 - GRAVITY
 - FLOOR LIVE LOAD 100 PSF
 - MEP AND MISC. ALLOWANCE 20 PSF
 - SNOW
 - GROUND SNOW LOAD, P_g 25 PSF
 - FLAT ROOF SNOW LOAD, P_f 22 PSF
 - SNOW EXPOSURE FACTOR, C_e 1.0
 - IMPORTANCE, I_s 1.1 (OCC CAT III)
 - THERMAL FACTOR, C_t 1.0
 - WIND
 - NOT APPLICABLE
 - SEISMIC
 - NOT APPLICABLE
- BUILDING DESIGN APPROACH: LATERAL RESISTANCE FOR THE FLOOR ADDITION IS PROVIDED BY THE EXISTING STRUCTURE.
- CONCRETE
 - ALL CONCRETE SHALL BE STONE AGGREGATE UNLESS NOTED. MINIMUM CONCRETE 28 DAY COMPRESSIVE STRENGTH SHALL BE AS FOLLOWS:

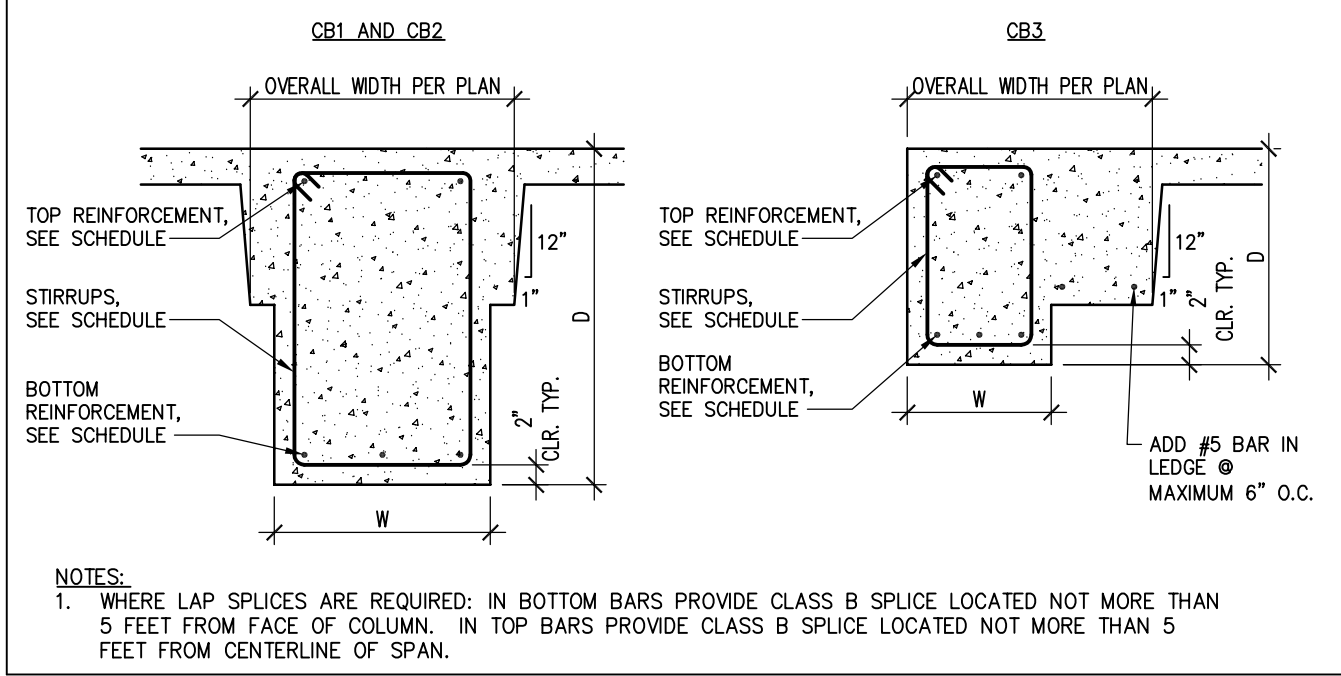
JOISTS	4000 PSI
BEAMS	4000 PSI
SLABS	4000 PSI
EXTERIOR STEPS	4000 PSI (AIR ENTRAINED)
 - CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF SHORING AND RESHORING SYSTEMS.

BASEMENT FLOOR PLAN - ELEVATION 697'-10"

1/4"=1'-0"

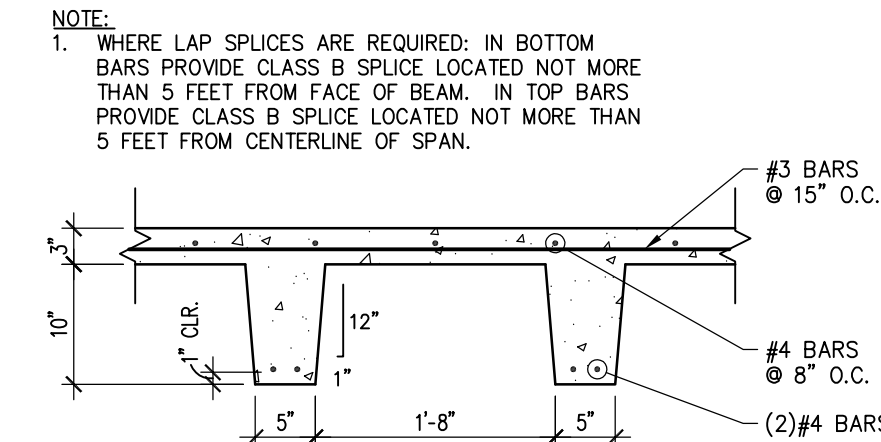
CONCRETE BEAM SCHEDULE

MARK	SIZE (W x D)	REINFORCING STEEL			REMARKS
		TOP (CONT.)	BOT. (CONT.)	STIRRUPS	
CB1	1'-6" x 2'-4"	(2) - #6	(4) - #7	#4 @ 12" O.C.	----
CB2	1'-0" x 1'-1"	(2) - #6	(3) - #6	----	----
CB3	1'-0" x 1'-6"	(2) - #6	(3) - #6	#4 @ 8" O.C.	----



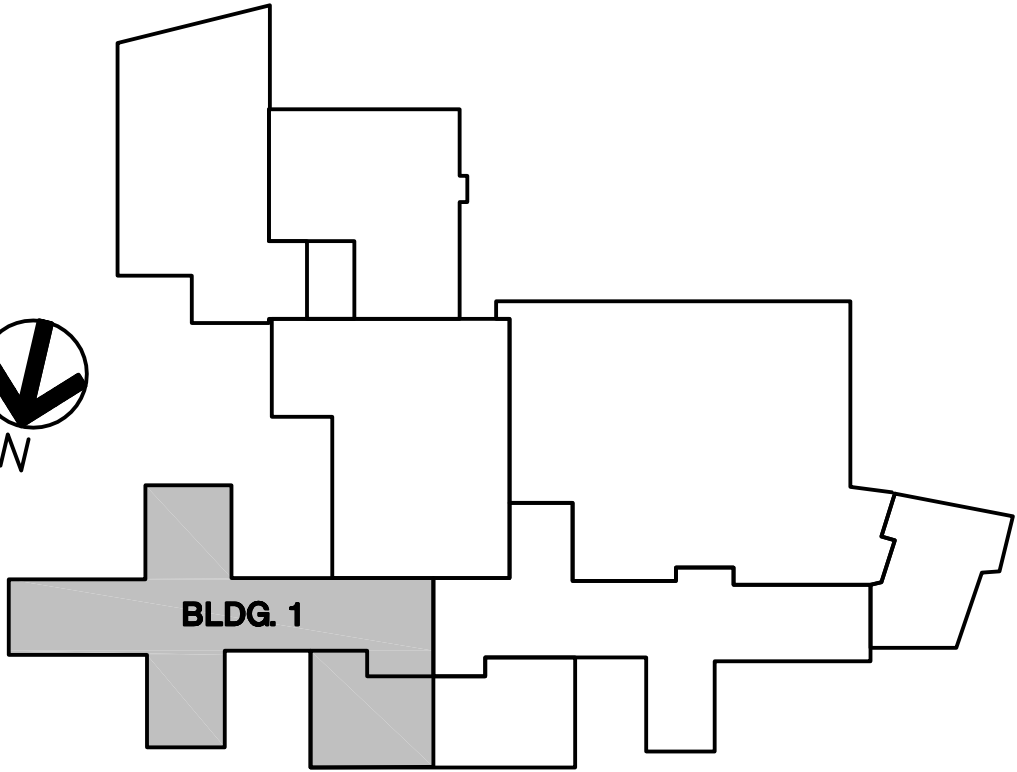
TYPICAL JOIST CONSTRUCTION

3/4"=1'-0"



LANDING 3 FLOOR PLAN - ELEVATION 701'-10"

1/4"=1'-0"



KEY PLAN

NOT TO SCALE

1-B

Veterans Administration

Date: 12-17-2012
CONSTRUCTION DOCUMENTS

Project No.: DVA#636-311
S-H#110240-0

DRAWING NO.

1-B-S1

Dwg. 2 of 3

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Drawing Title
STRUCTURAL FLOOR FRAMING PLANS

Approved: Division Chief

Approved: Service Director

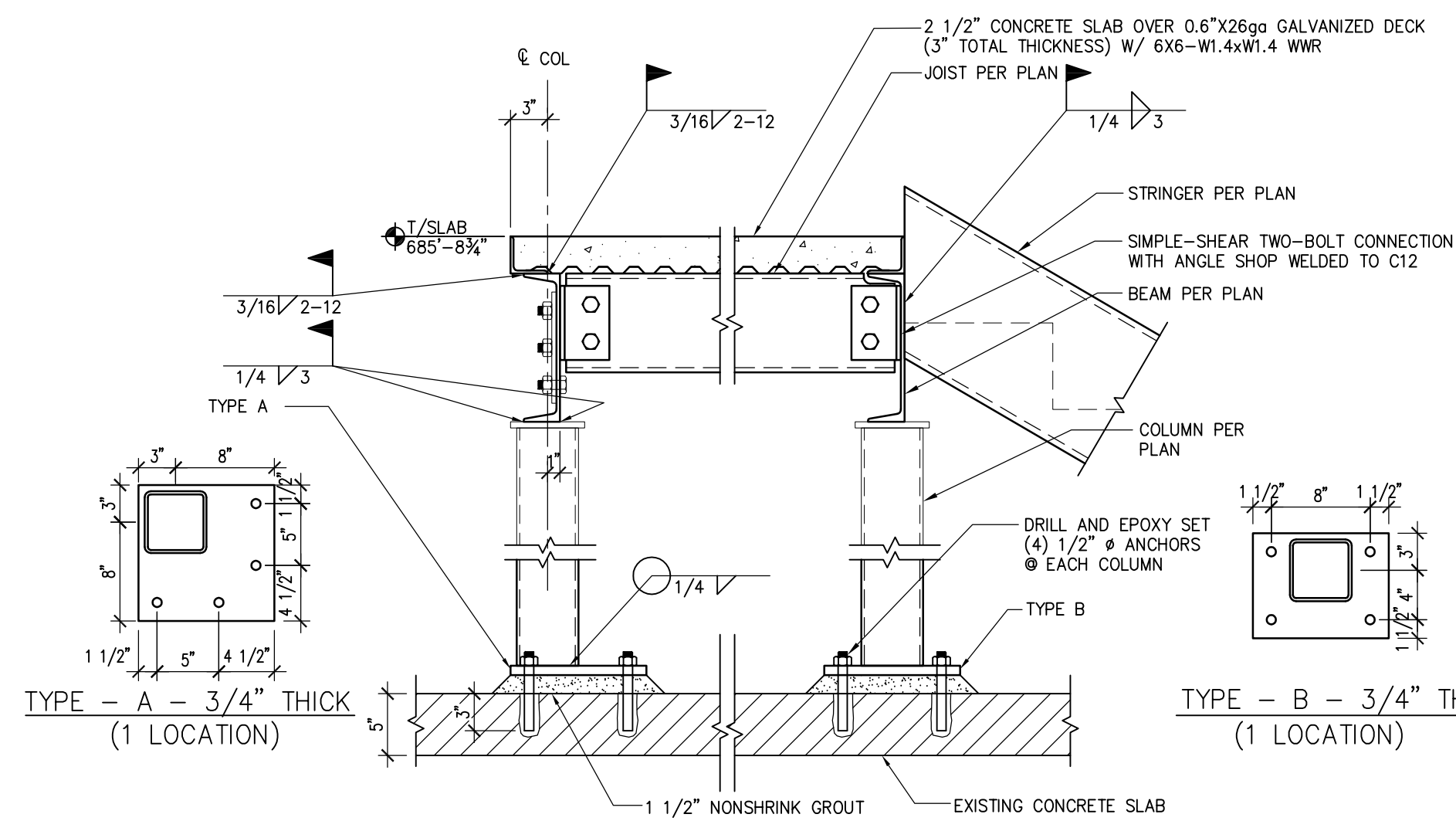
Project Title
RENOVATE AND EXPAND SPACE FOR PATIENT SUPPORT AREAS

Building Number
1

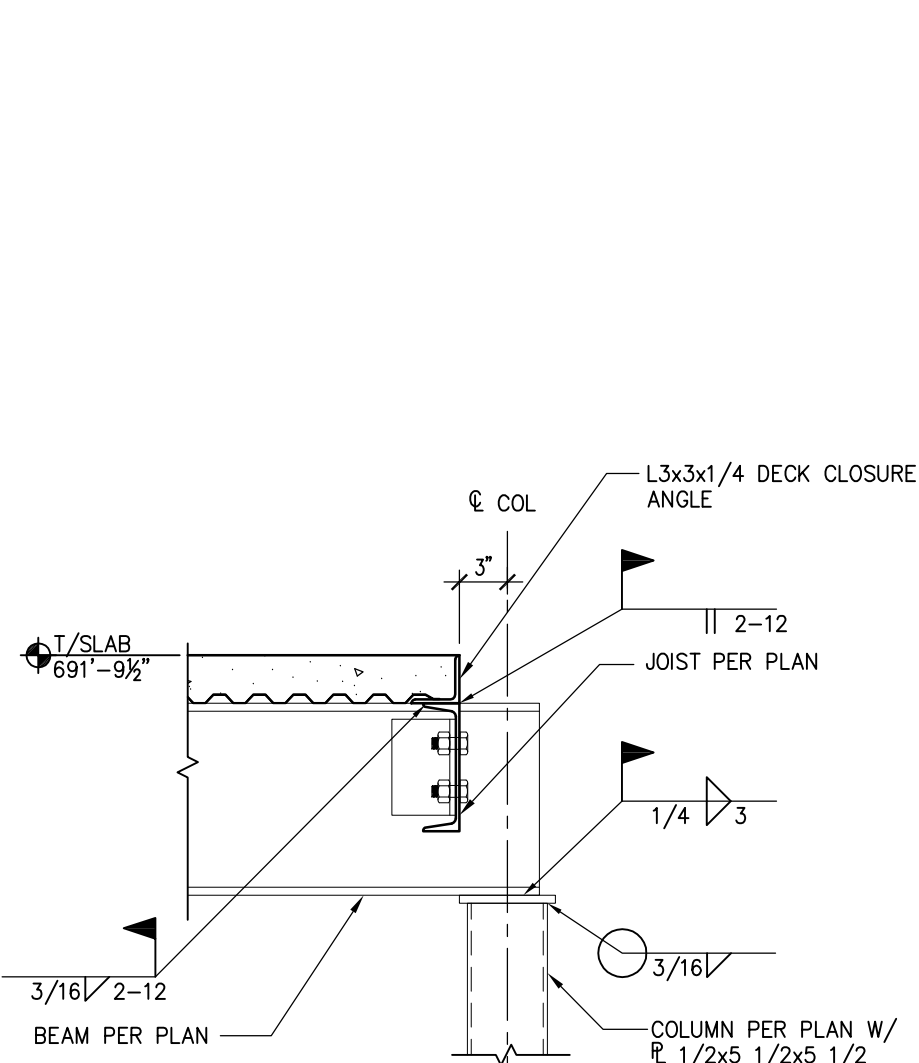
Checked
MM

Drawn
MM

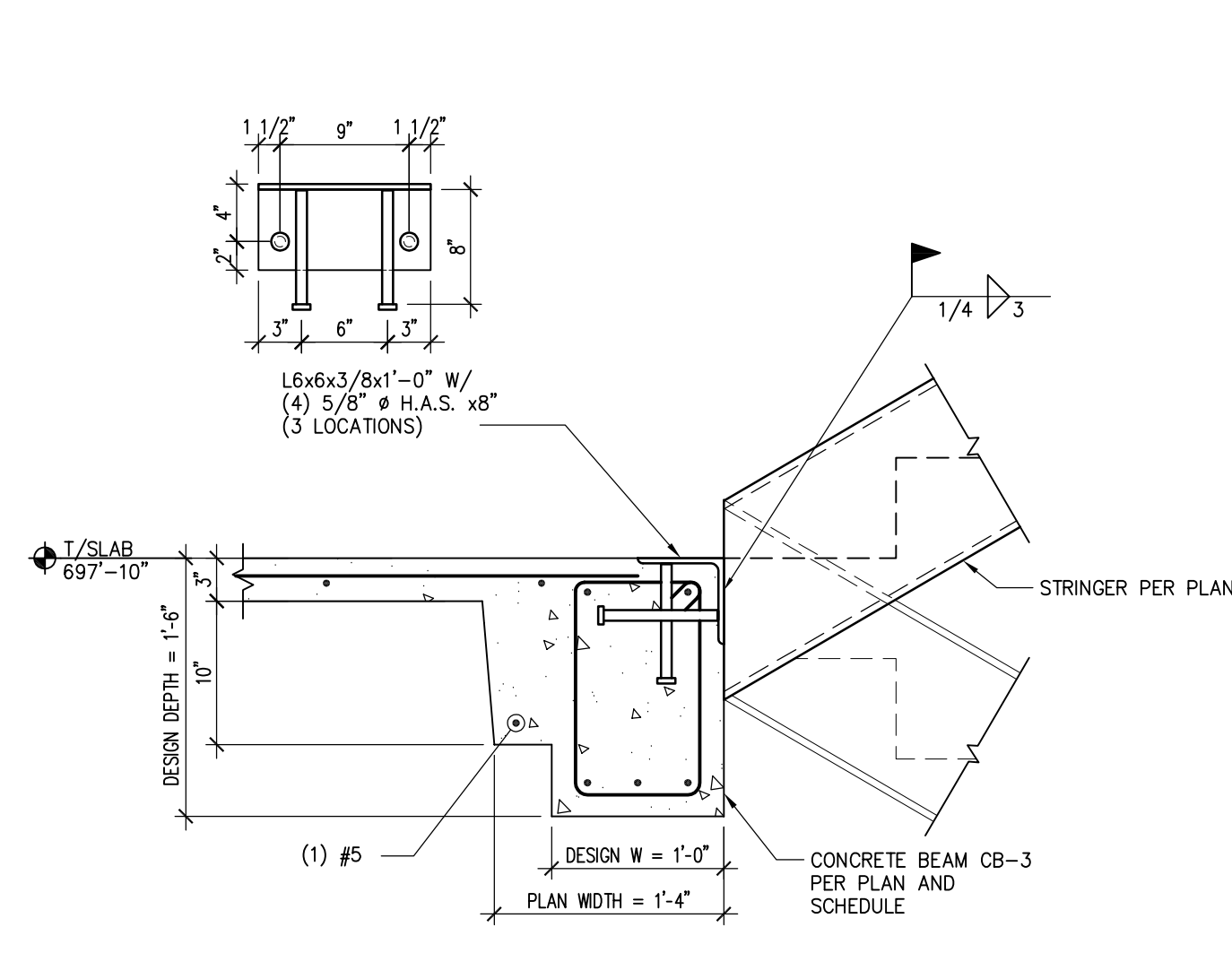
Location
IOWA CITY VA HEALTH CARE SYSTEM
IOWA CITY, IOWA



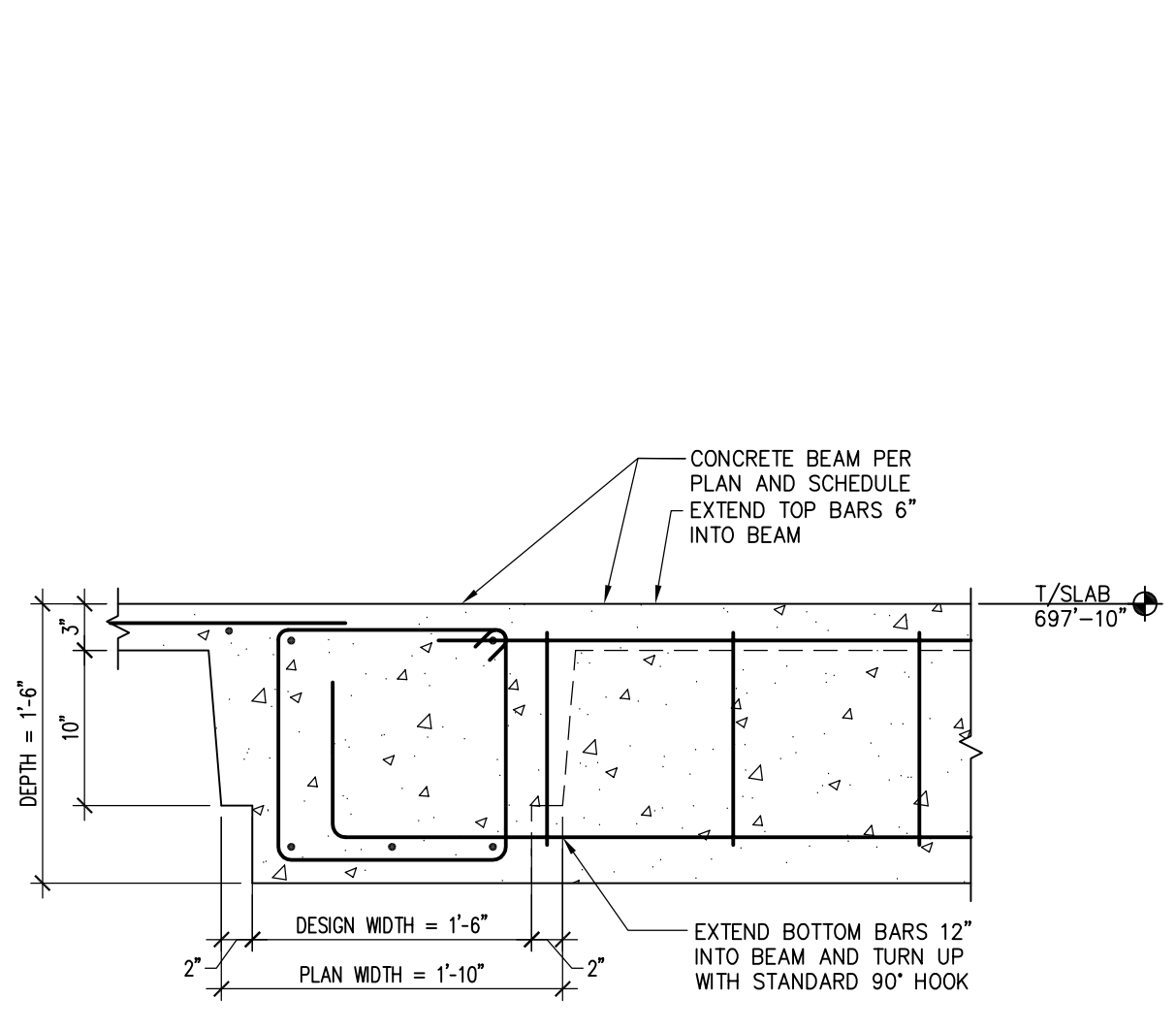
1 SECTION AT STAIRS
1"=1'-0"



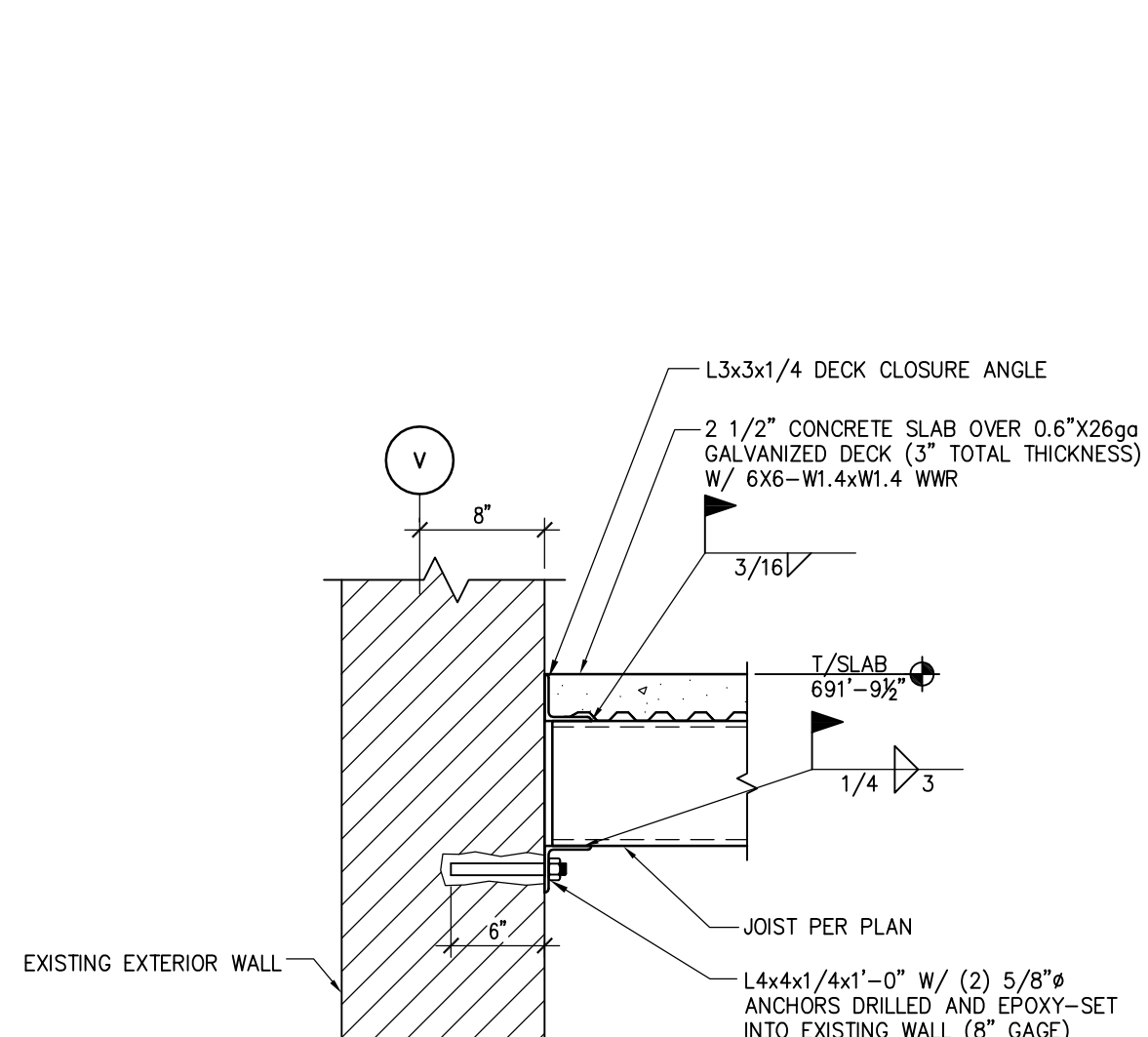
2 SECTION AT STAIRS
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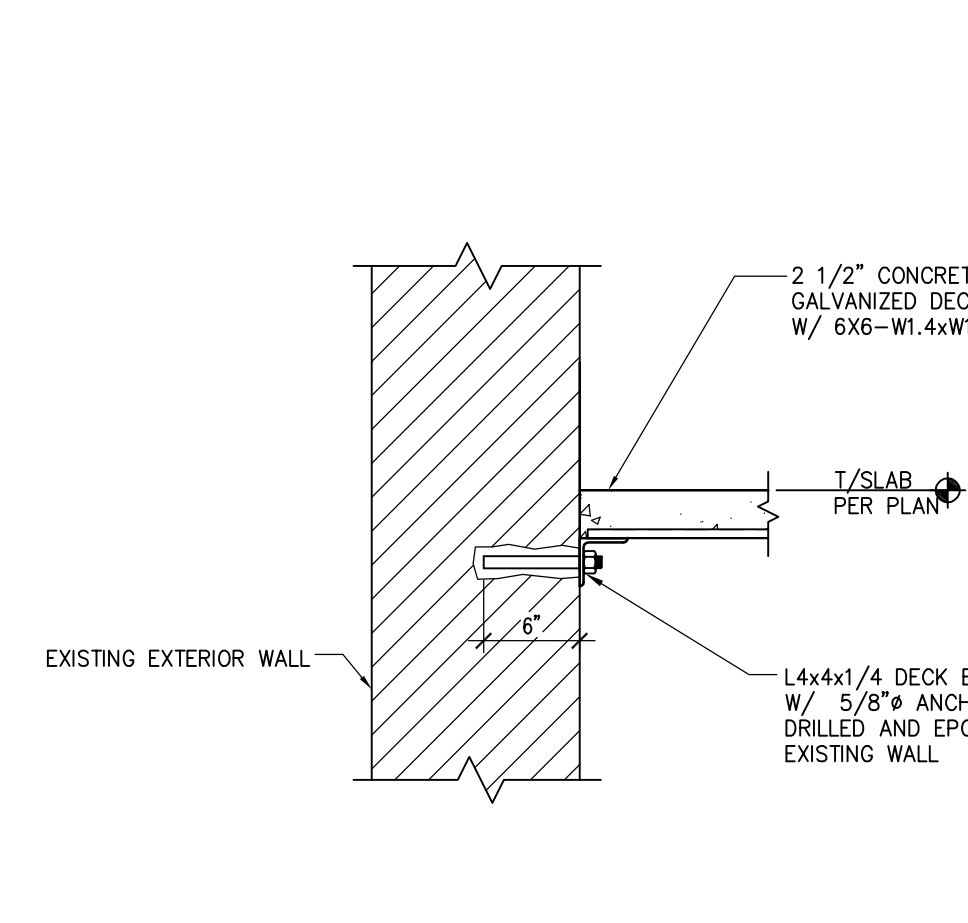
3 SECTION AT STAIRS
1"=1'-0"



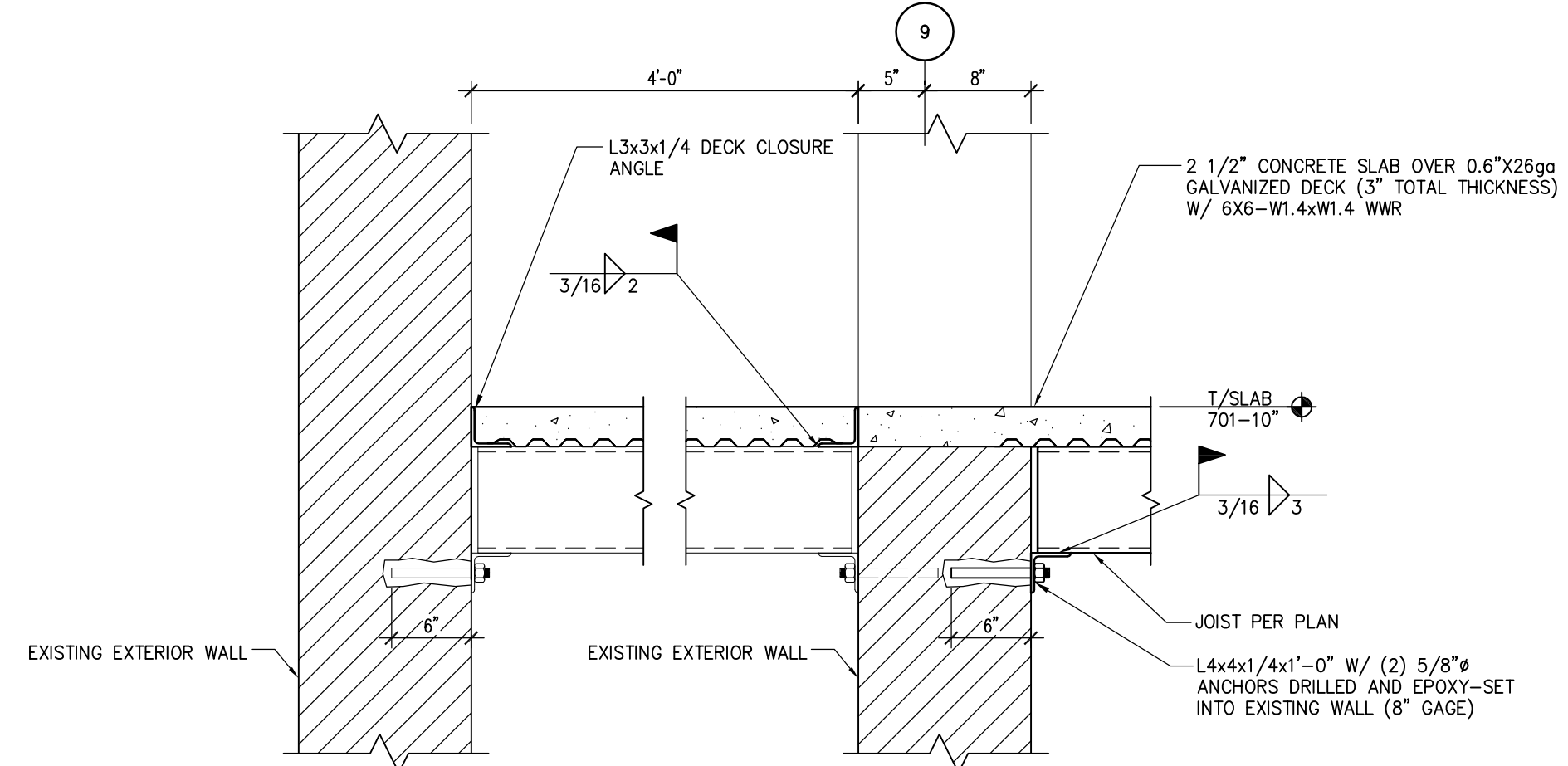
4 SECTION AT BEAM
1"=1'-0"



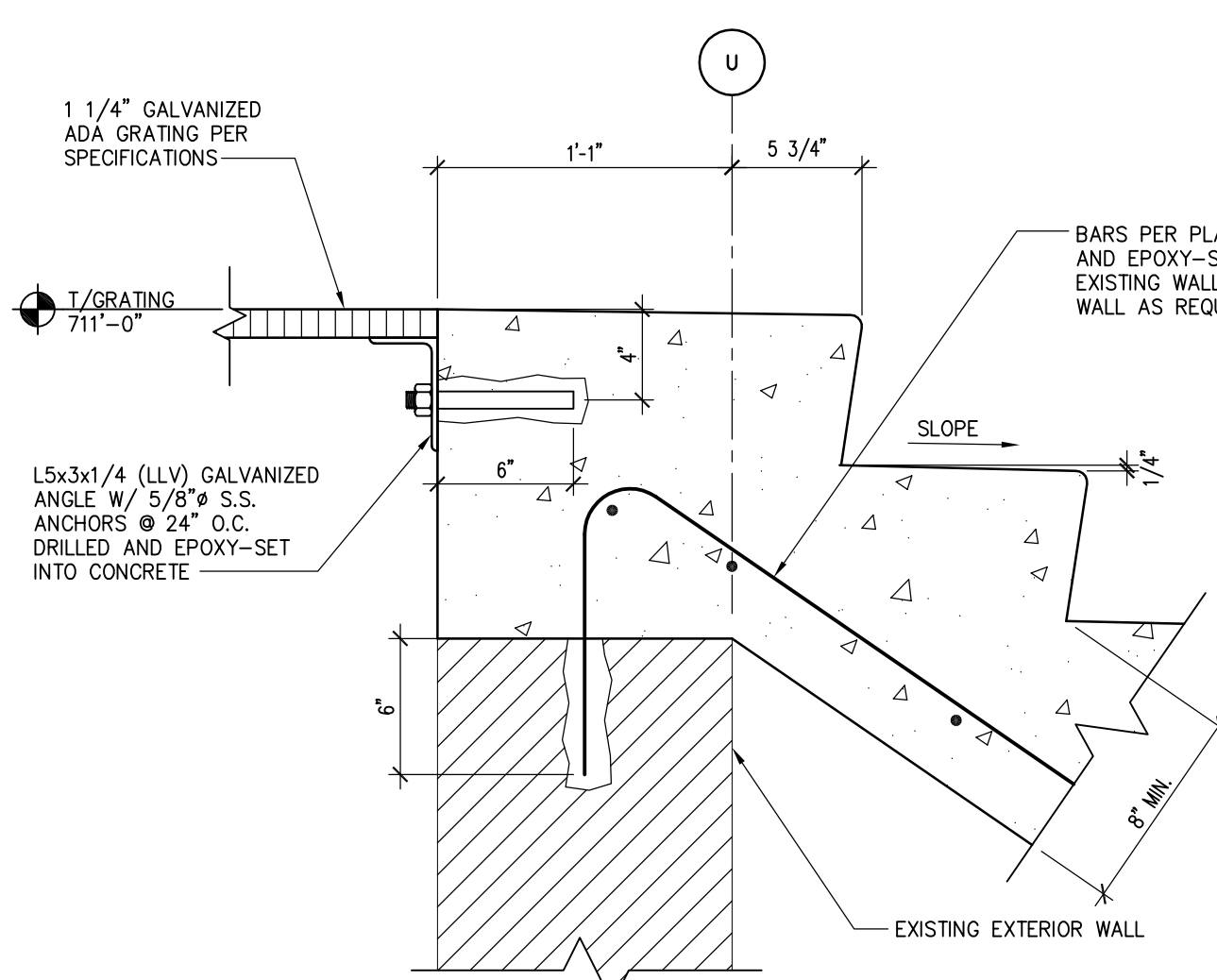
5 STAIR LANDING JOIST AT WALL
1"=1'-0"



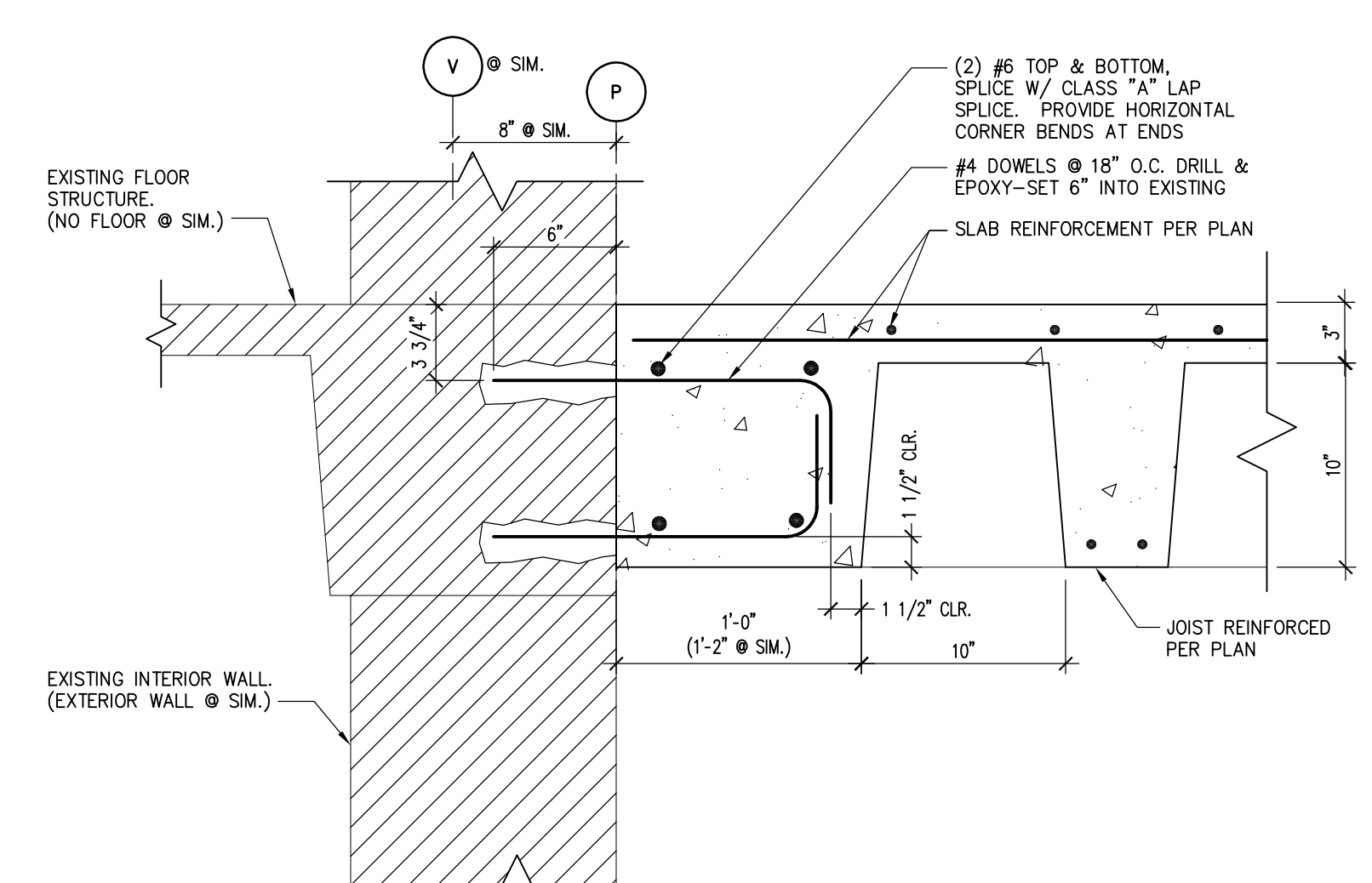
6 STAIR LANDING DECK AT WALL
1"=1'-0"



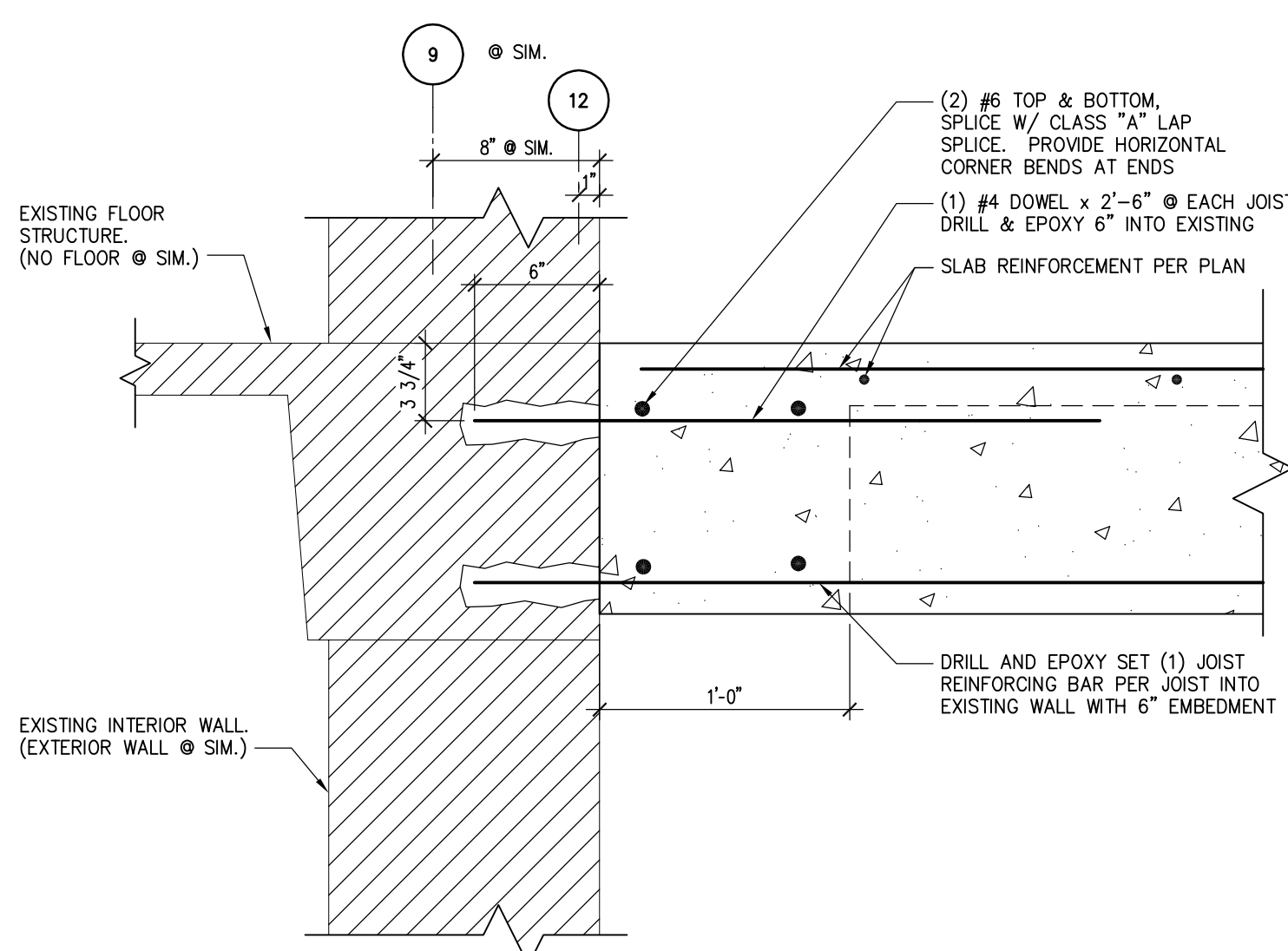
7 STAIR LANDING AT EXIT
1"=1'-0"



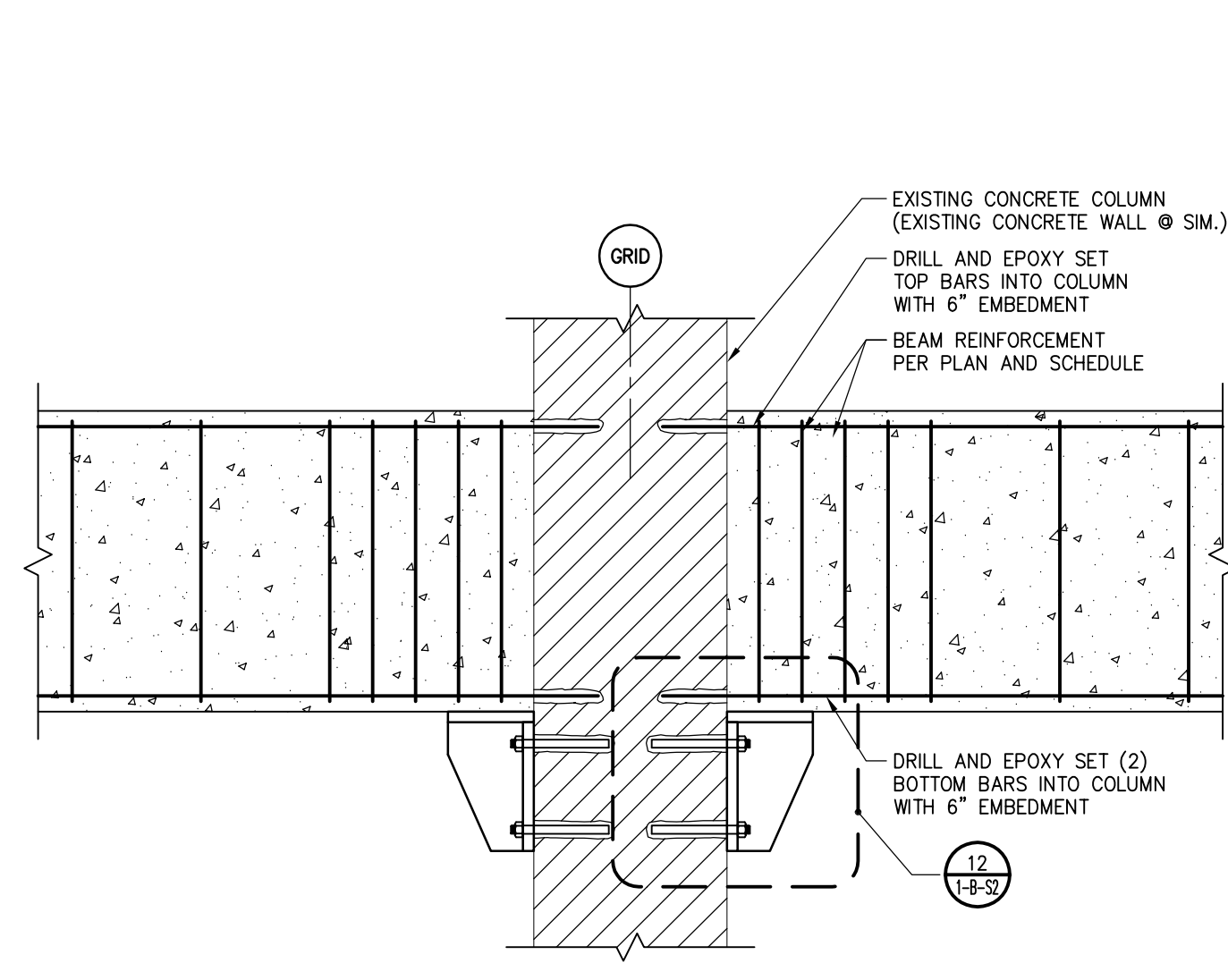
8 STAIR CONNECTION AT WALL - TOP
1 1/2"=1'-0"



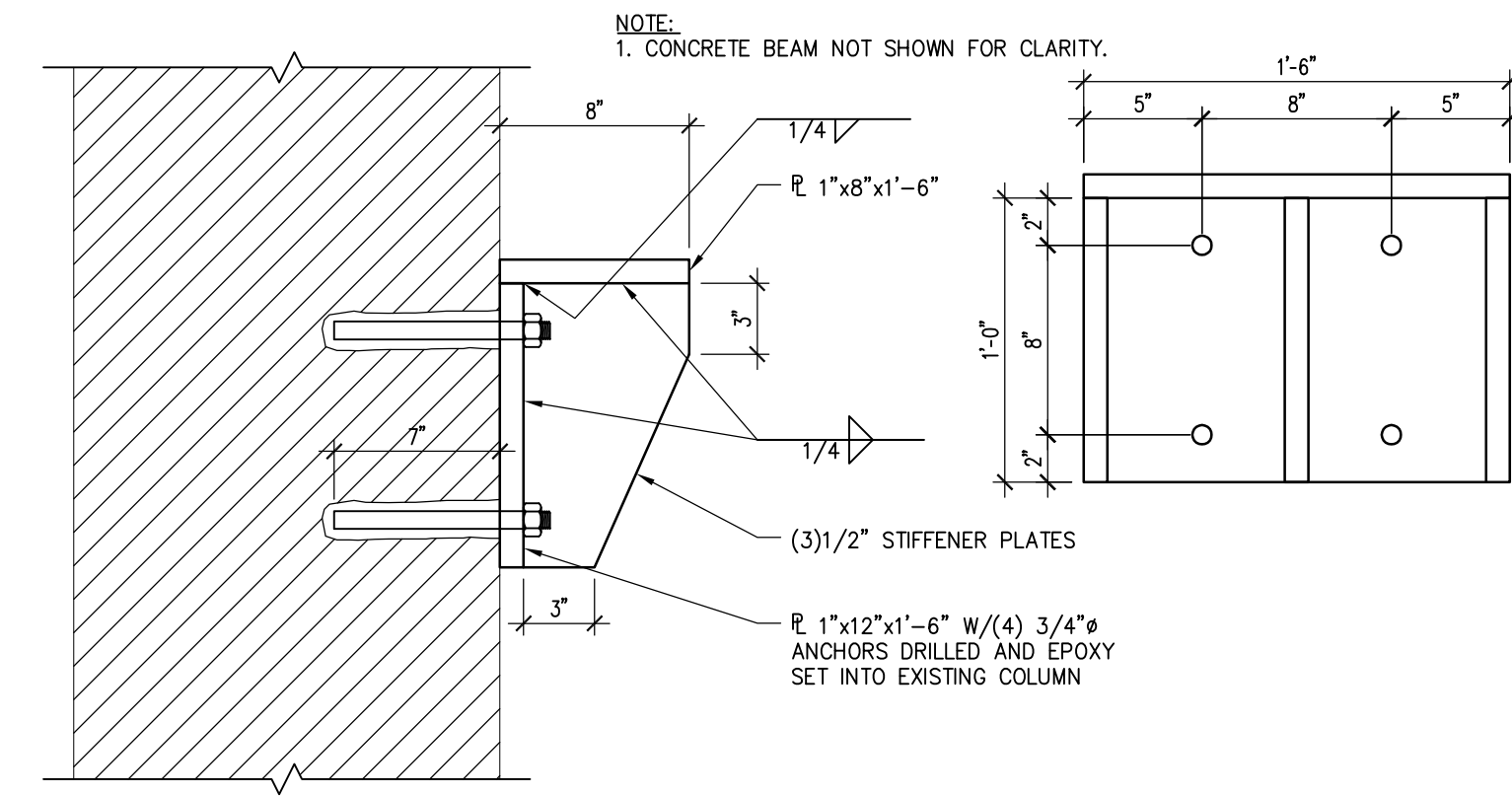
9 EDGE BEAM PARALLEL TO JOISTS
1 1/2"=1'-0"



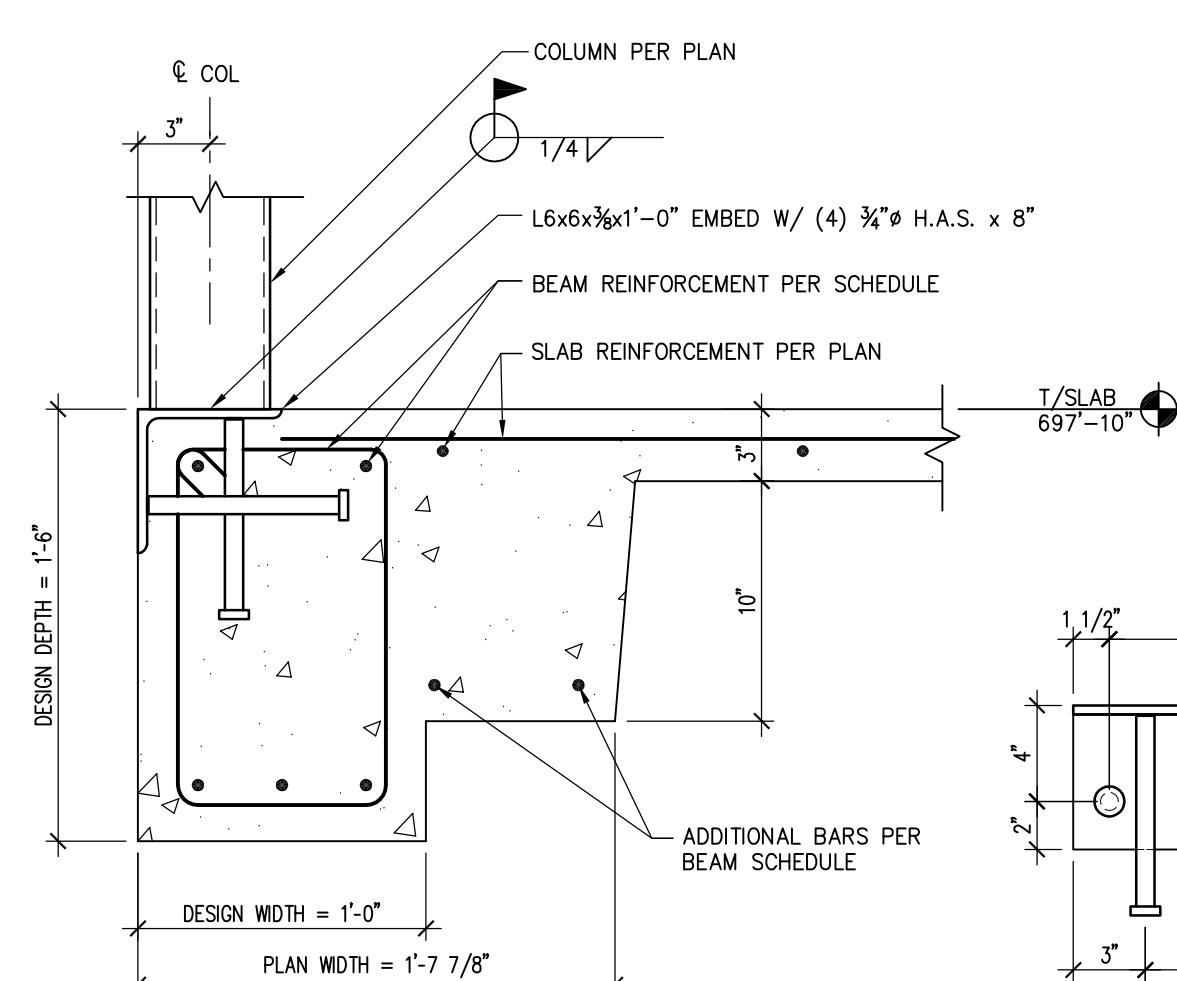
10 JOIST BEARING AT EXISTING WALL
1 1/2"=1'-0"



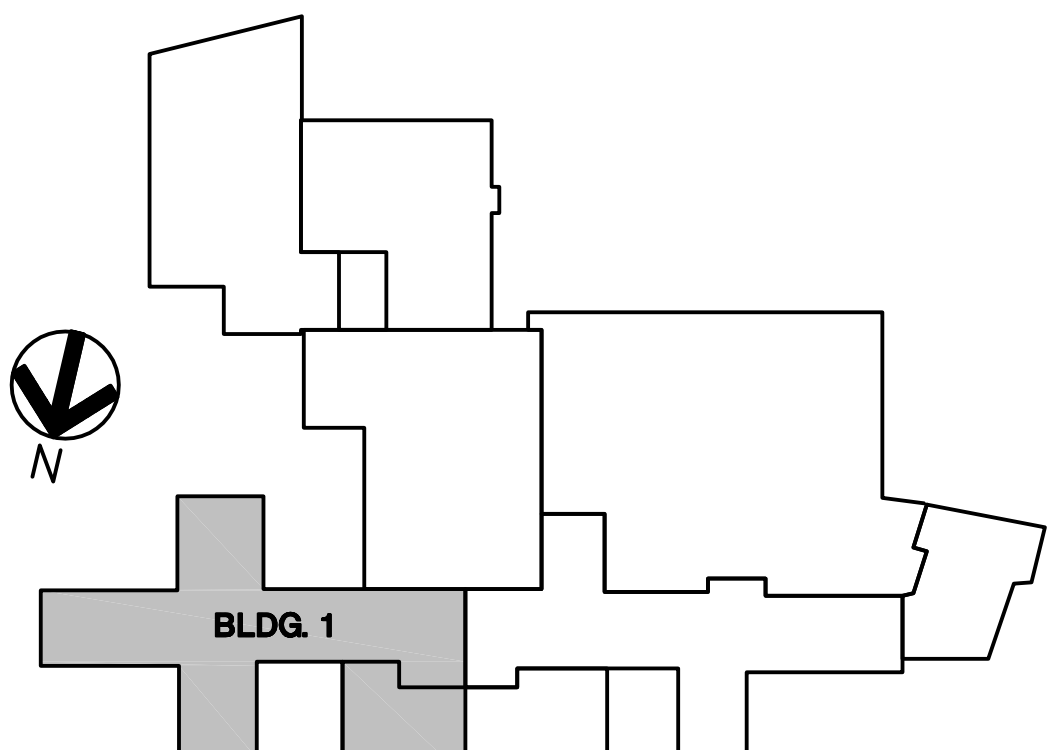
11 DETAIL - CONCRETE BEAM CONNECTION
3/4"=1'-0"



12 DETAIL - CONCRETE BEAM LEDGE ANGLE
1 1/2"=1'-0"



13 STEEL COLUMN BEARING ON BEAM
1 1/2"=1'-0"



KEY PLAN
NOT TO SCALE