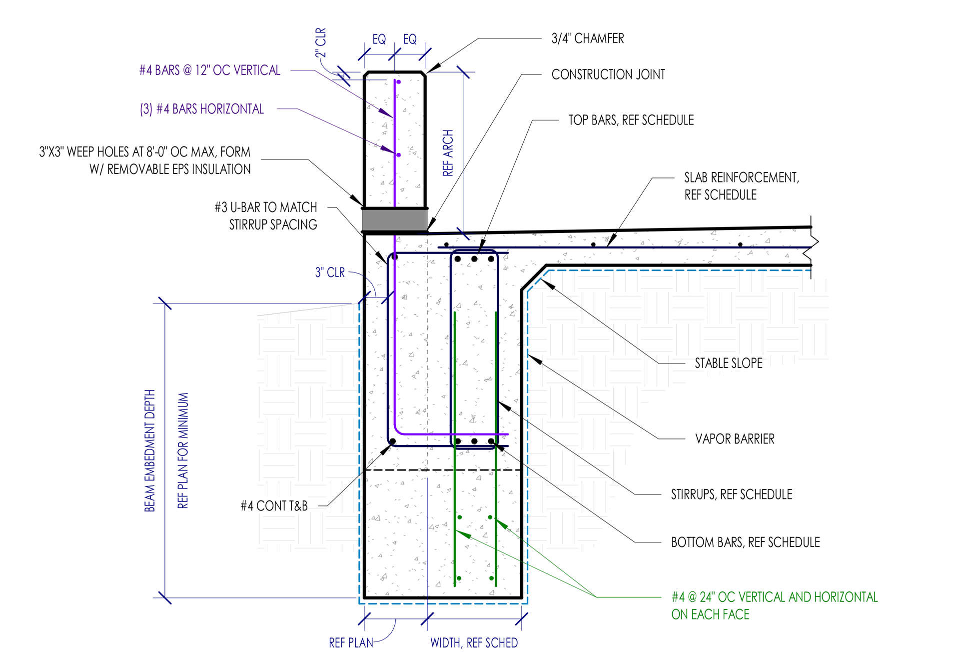
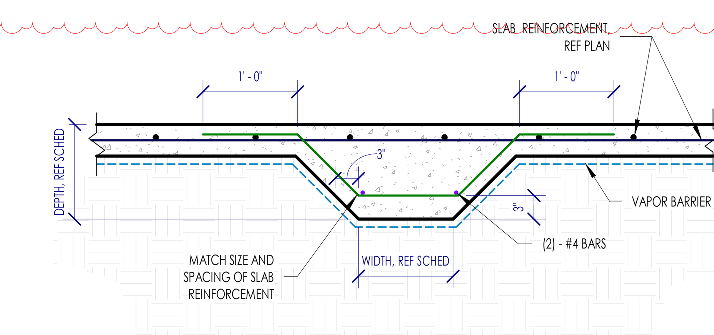
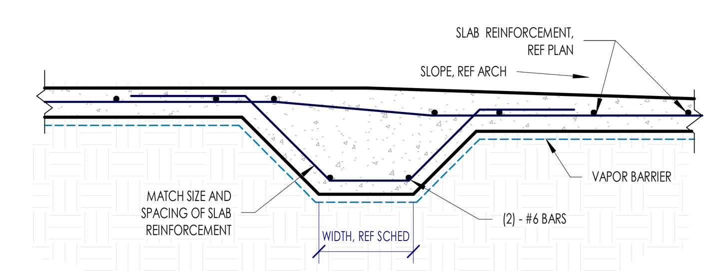


08/26/2022

1D S3.1 TYPICAL EXTERIOR WIDENED GRADE BEAM AT CURB - VERTICAL MOISTURE BARRIER

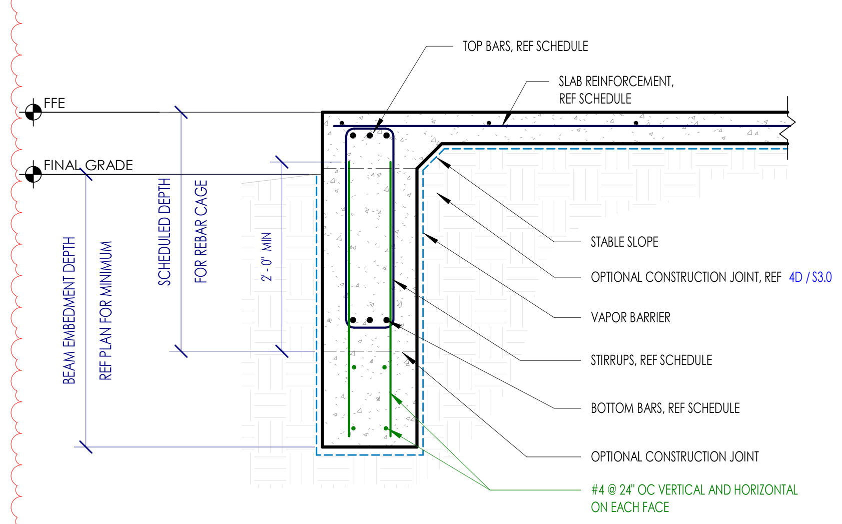


1C S3.1 TYPICAL TURN DOWN BEAM

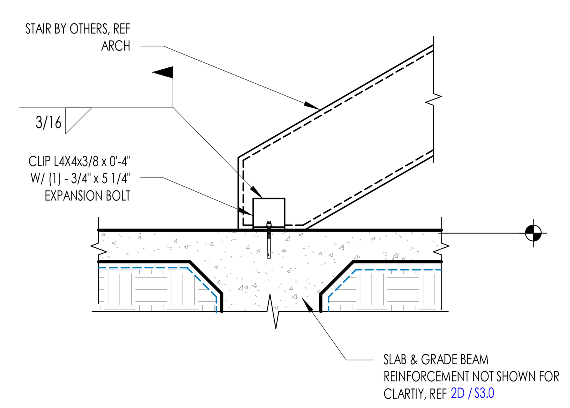


2C S3.1 CSOG - TURN DOWN AT SLAB DROP

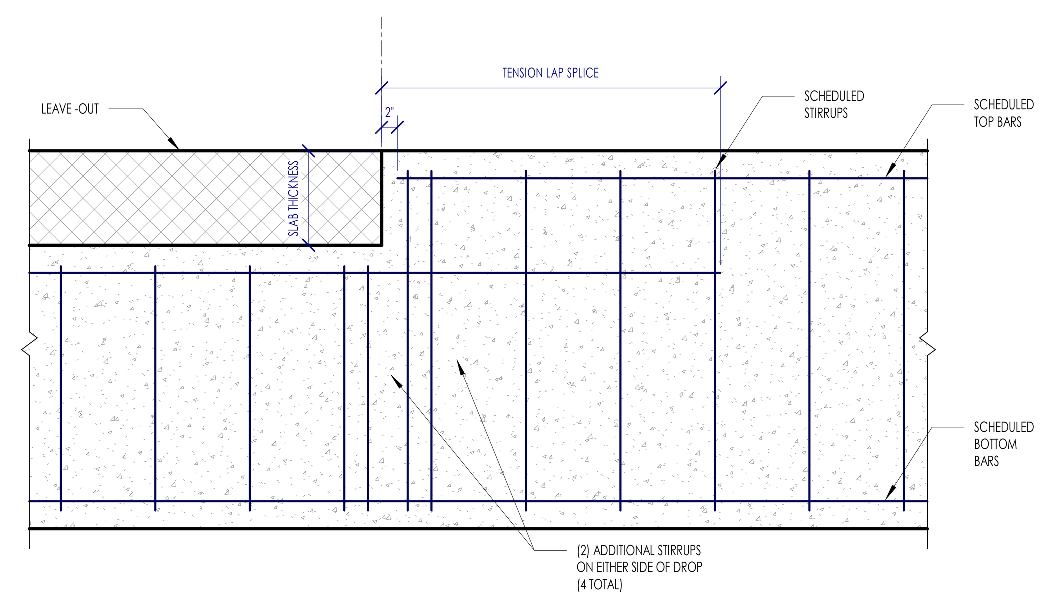
08/26/2022



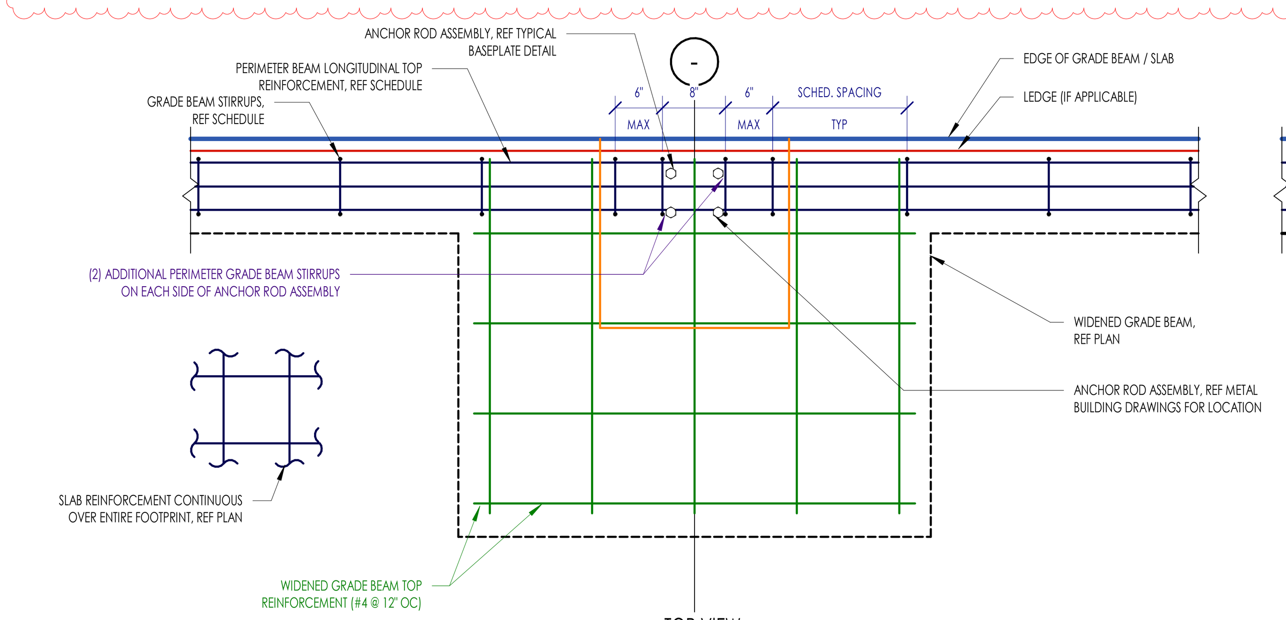
6C S3.1 TYPICAL EXTERIOR GRADE BEAM - VERTICAL MOISTURE BARRIER



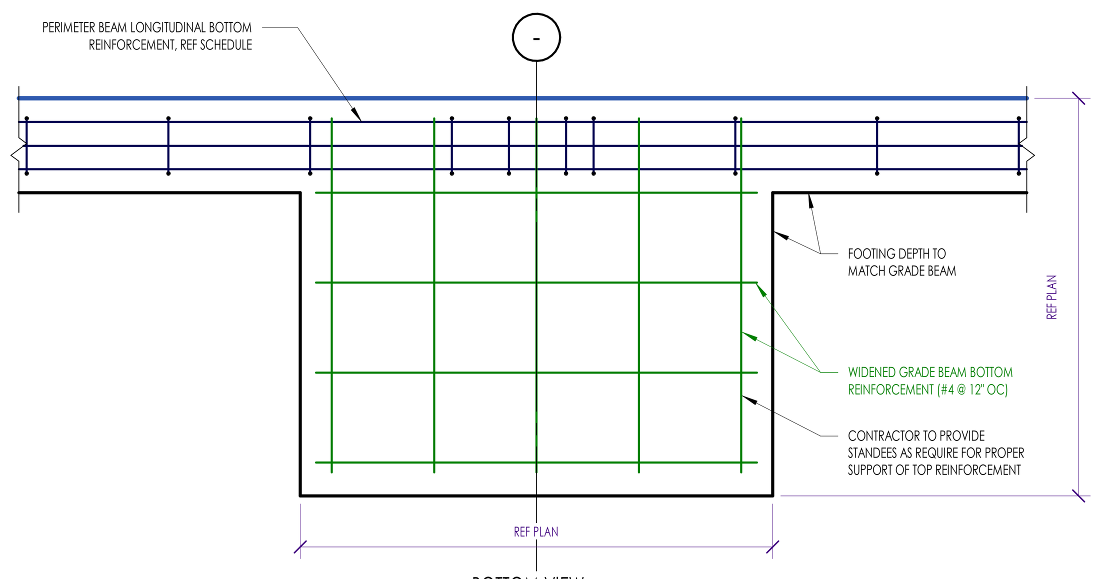
5C S3.1 TYPICAL GRADE BEAM AT STEEL STAIRS



4C S3.1 TYPICAL DROP TRANSITION IN GRADE BEAM TOP REINFORCEMENT AT SLAB LEAVE-OUT

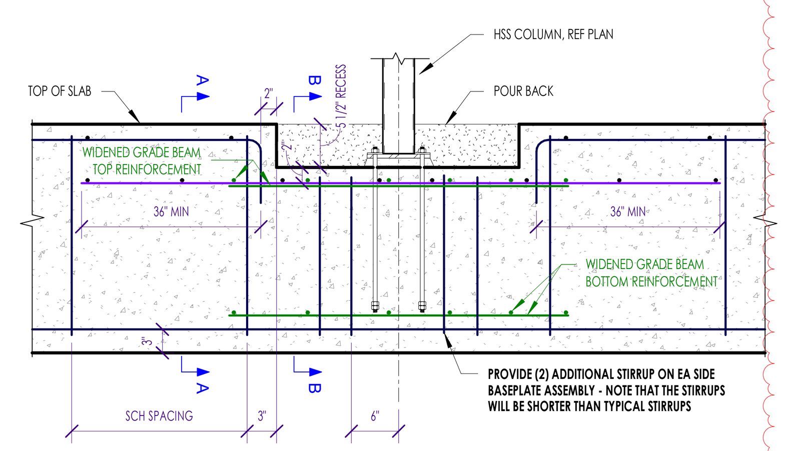


TOP VIEW

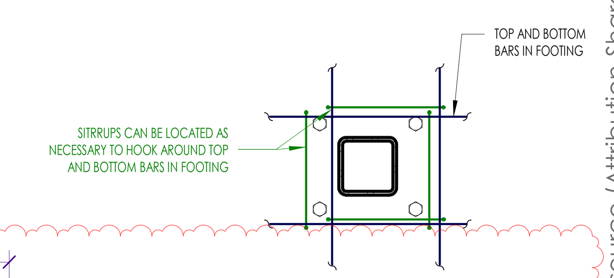


BOTTOM VIEW

REFERENCE TOP VIEW FOR INFORMATION NOT SHOWN

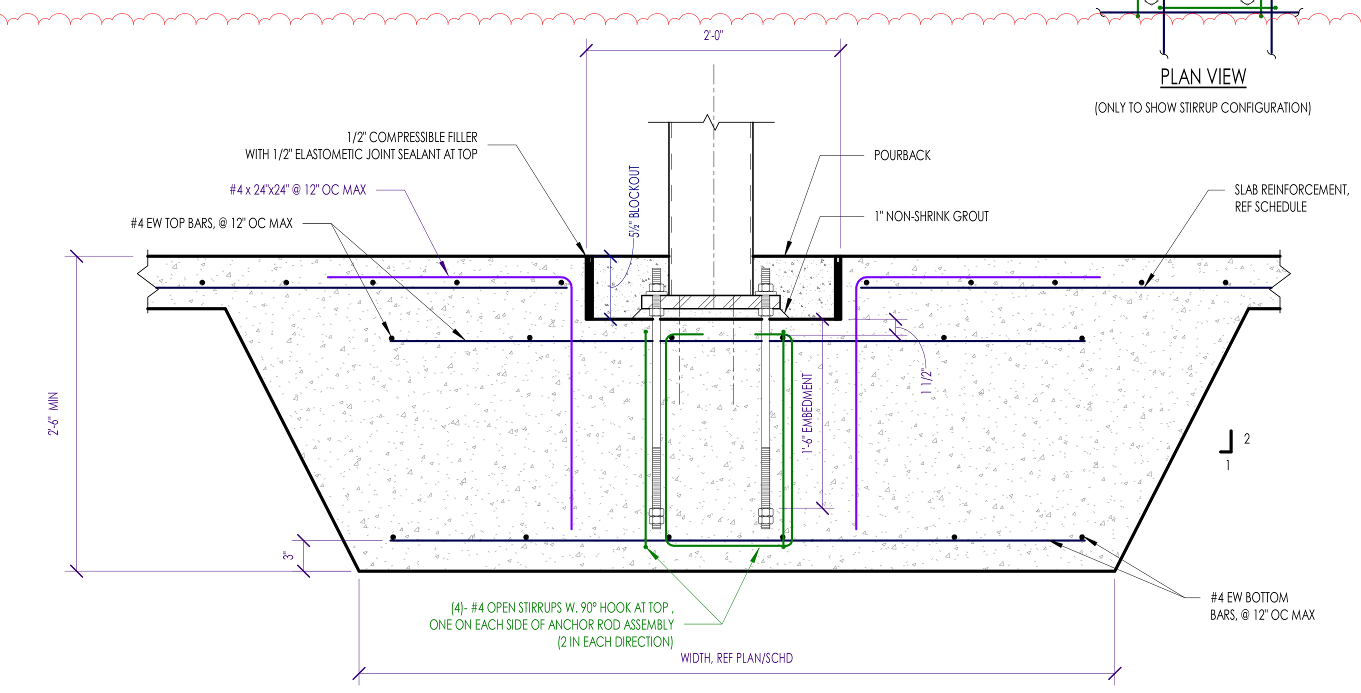


6B S3.1 TYPICAL WIDENED FOOTING AT COLUMN - EMBEDDED BASE PLATE



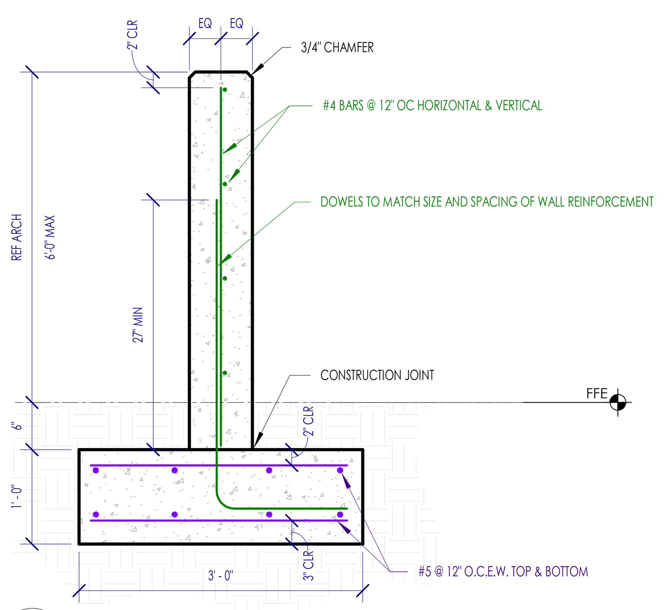
PLAN VIEW

(ONLY TO SHOW STIRRUP CONFIGURATION)



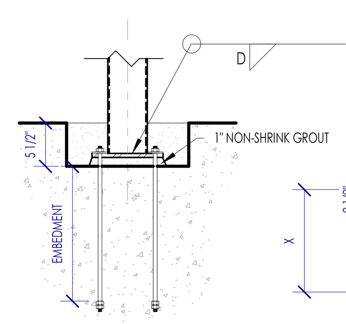
2B S3.1 TYPICAL SPREAD FOOTING AT INTERIOR COLUMN

08/26/2022



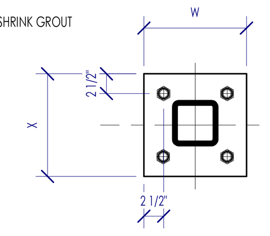
6A S3.1 TYPICAL MOMUMENT SIGN FOUNDATION

BASE PLATE & ANCHOR BOLT SCHEDULE							
COLUMN	BASE PLATE DIMENSIONS			CONDITION	ANCHOR BOLTS		
	X	W	T		NO./TYPE	DIA.	EMBEDMENT
HSS5.5X5.5	13"	13"	1"	INTERIOR	4/A	1"	1'-0"
HSS8X8	16"	16"	1"	INTERIOR	4/A	1"	1'-0"



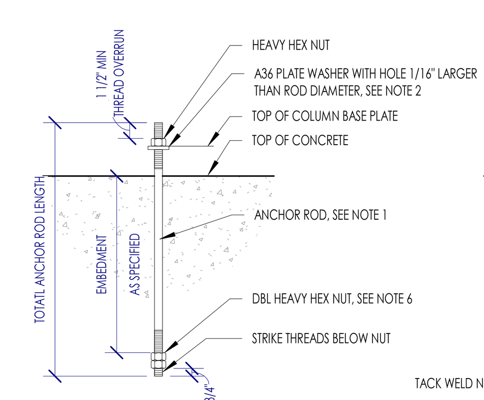
NOTES:
1. D = 1/16" LESS THAN THICKNESS OF COLUMN

SECTION

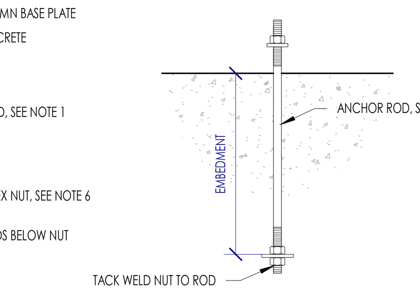


INTERIOR COLUMN

5A S3.1 TYPICAL BASEPLATE DETAIL



TYPE A



TYPE B

ANCHOR ROD DIAMETER	HOLE DIAMETER	SQUARE PLATE WASHER SIZE	PLATE WASHER THICKNESS	TYPE B ANCHOR PLATE
5/8"	1 3/16"	1½"	1/4"	PL1"X4"X0-4"
3/4"	1 5/16"	2"	1/4"	PL1"X4"X0-4"
7/8"	1 9/16"	2½"	5/16"	PL1"X4"X0-4"
1"	1 13/16"	3"	3/8"	PL1½"X5"X0-5"
1 1/2"	2 5/16"	3½"	1/2"	PL1½"X5"X0-5"

NOTES:
1. ALL TYPE A ANCHOR RODS SHALL BE F1554 GRADE 36.
2. ALL TYPE B ANCHOR RODS SHALL BE F1554 GRADE 55 S1
3. PLATE WASHERS MUST BE WELDED TO THE BASE PLATE WITH MINIMUM 3/16" FILLET WELD ALL-AROUND
4. EMBEDMENT DEPTHS ARE PRELIMINARY. FINAL EMBEDMENT TO BE PROVIDED AFTER REVIEW OF METAL BUILDING REACTIONS.
5. ALL ANCHOR ROD HOLES SHALL ADHERE TO AISC DESIGN GUIDE 01- TABLE 2.3
6. THE DOUBLE NUT MAY BE OMITTED IF THE NUT IS TACK WELDED TO THE ROD.

3A S3.1 TYPICAL ANCHOR ROD

RENOVATION Wranglers

Owner: Renovation Wranglers
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LKB ARCHITECTURE

Architect of Record: LKB Architecture
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lisa@lkbarchitecture.com | 713.425.3076

DUDLEY

Structural: Dudley
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College Station, TX 77845
(979) 777-0720

amc ENGINEERS

MEP: AMC Engineers
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Burnet, TX 78611
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PROFESSIONAL ENGINEER
8/26/2022

openingdesign

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Date	Description
06/02/2022	Review before Permit
08/26/2022	PERMIT REVISIONS

FOUNDATION DETAILS

MARCO POLO - 101 33RD STREET - CITY OF BRYAN TOWNSITE, BLOCK 96, LOT 3-5 & PT OF 6 & PT OF ALLEY - BRYAN, TX 77803

S3.1