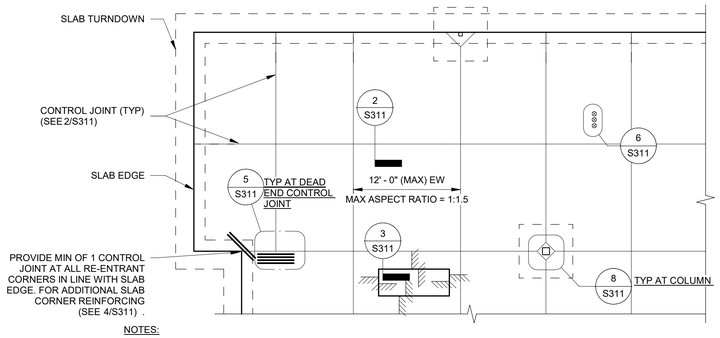


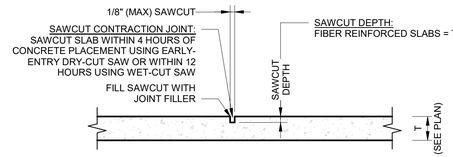
NOTES:

1. KEY PLAN ILLUSTRATES CONSTRUCTION CONCEPTS ONLY. SEE PLAN FOR ACTUAL DIMENSIONS AND ARRANGEMENT OF STRUCTURAL ELEMENTS (COLUMNS, WALLS, FOUNDATIONS) AND REFER TO TYPICAL DETAIL FOR ADDITIONAL SLAB REINFORCEMENT REQUIRED.
2. PROVIDE ADDITIONAL CONTROL JOINTS AT ABRUPT CHANGES IN THICKNESS COORDINATE LOCATIONS WITH FLOOR FINISHES AND INTERIOR WALLS.
3. CONTRACTOR SHALL SUBMIT PROPOSED CONTROL JOINT LAYOUT FOR DESIGN TEAM REVIEW PRIOR TO CONCRETE PLACEMENT.

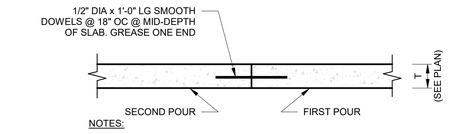
TYPICAL CONTROL JOINT KEY PLAN

SCALE: 1/8" = 1'-0"

1 S311



SAWCUT CONTRACTION JOINT AT FIBERS



NOTES:

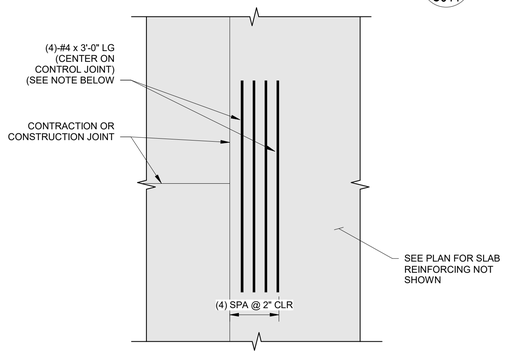
1. APPLY A SPRAY-ON BOND BREAKER TO THE FIRST POUR PRIOR TO PLACING THE SECOND POUR.

CONSTRUCTION JOINT AT FIBERS

TYPICAL CONSTRUCTION/CONTRACTION JOINT DETAILS - SECTION

SCALE: 1" = 1'-0"

2 S311



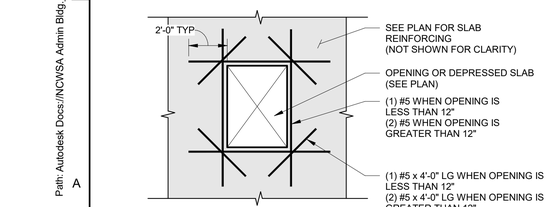
NOTES:

1. INSTALL REINFORCING 1" CLEAR BELOW TOP OF SLAB.

TYPICAL DEAD END CONTROL JOINT REINFORCING - PLAN

SCALE: 1" = 1'-0"

5 S311



3" MAX

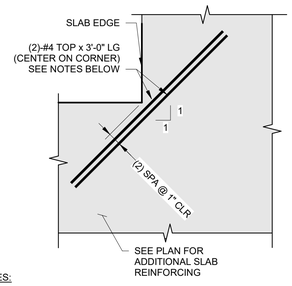
NOTES:

1. T = SLAB THICKNESS (SEE PLAN)
2. D = SLAB DEPRESSION (SEE ARCH)

TYPICAL DEPRESSED SLAB - SECTION

SCALE: 1" = 1'-0"

3 S311



NOTES:

1. INSTALL REINFORCING 1" CLEAR FROM TOP OF SLAB.
2. REENTRANT CORNER REINFORCING IS NOT REQUIRED WHEN A CONSTRUCTION OR SAWCUT CONTRACTION JOINT ALIGNS WITH THE CORNER. REINFORCEMENT SHALL NOT CROSS CONSTRUCTION OR SAWCUT CONTRACTION JOINTS THAT ALLOW FOR MOVEMENT.

TYPICAL ADDITIONAL SLAB CORNER REINFORCING - PLAN

SCALE: 1" = 1'-0"

4 S311

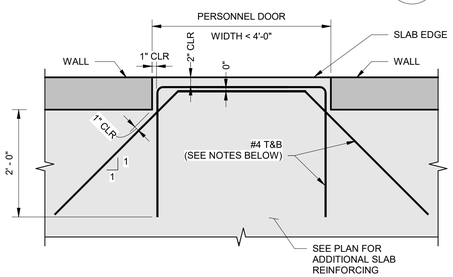
NOTES:

1. DETAIL APPLIES FOR ALL OPENINGS IN SLABS ON GROUND AND TOPPING SLABS.

TYPICAL REINFORCING AT SLAB-ON-GROUND OPENINGS - PLAN

NOT TO SCALE

6 S311



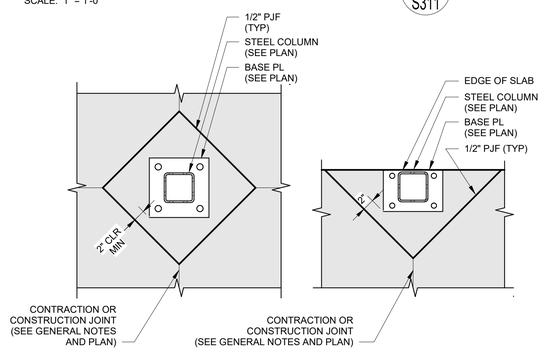
NOTES:

1. INSTALL REINFORCING 1" CLEAR FROM TOP OF SLAB.
2. DIAGONAL CORNER REINFORCING IS NOT REQUIRED WHEN A CONSTRUCTION OR SAWCUT CONTRACTION JOINT ALIGNS WITH THE EDGE OF THE OPENING. REINFORCEMENT SHALL NOT CROSS CONSTRUCTION OR SAWCUT CONTRACTION JOINTS THAT ALLOW FOR MOVEMENT.
3. DETAIL ONLY APPLICABLE WHERE WALL INTERRUPTS SLAB AND CREATES RE-ENTRANT CORNERS IN SLAB.

TYPICAL SLAB REINFORCING AT DOORS - PLAN

SCALE: 3/4" = 1'-0"

7 S311



NOTES:

1. COLUMN BOX OUT SHALL BE NOT LESS THAN 2'-0" x 2'-0". GENERAL CONTRACTOR SHALL INCREASE BOX OUT AS REQUIRED TO ALLOW FOR GROUTING UNDER BASE PLATE. WELDING OF WASHERS TO BASE PLATE AT DEEPER FOOTINGS AND ATTACHING OF DIAGONAL BRACING MEMBER.

TYPICAL ISOLATION JOINT- PLAN

SCALE: 1" = 1'-0"

8 S311

BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328

wendel

THIS DRAWING IS NOT VALID FOR CONSTRUCTION PURPOSES UNLESS IT BEARS THE SEAL AND SIGNATURE OF A DULY REGISTERED PROFESSIONAL

CONSTRUCTION DOCUMENTS

NCWSA NEWTON COUNTY WATER & SEWERAGE AUTHORITY

NCWSA OFFICE ADDITION

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED:	Designer
DRAWN:	Author
CHECKED:	Checker
CHECKED:	
APPROVED:	Approver

FILENAME

BC PROJECT NUMBER
616202
CLIENT PROJECT NUMBER

SLAB-ON-GROUND DETAILS

DRAWING NUMBER
S311

Plot Date: 4/27/2026 6:47:58 PM
Path: Autodesk Docs://NCWSA Admin Bldg_ V25/0250683-NCWSA Office Addition-R25-STRUCT.rvt