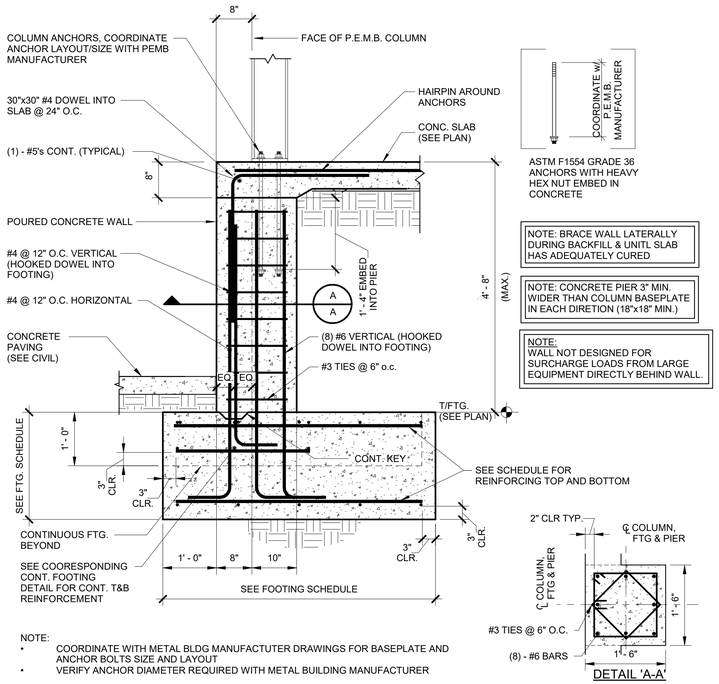
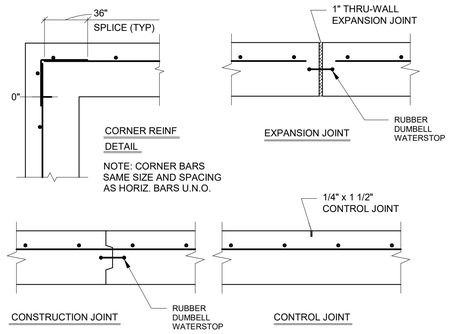


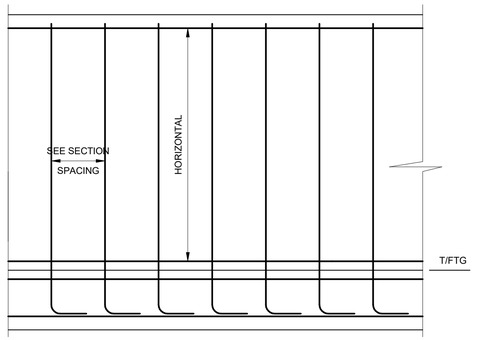
NOTE:
- COORDINATE WITH METAL BLDG MANUFACTUTER DRAWINGS FOR BASEPLATE AND ANCHOR BOLTS SIZE AND LAYOUT
- VERIFY ANCHOR DIAMETER REQUIRED WITH METAL BUILDING MANUFACTURER

1 S3.2 **FOUNDATION SECTION**
3/4" = 1'-0"

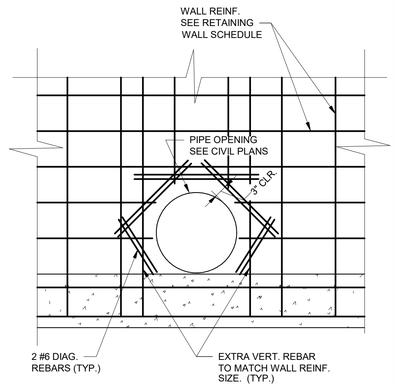


REINFORCING IS SHOWN IN ONE FACE OF WALL.
SEE WALL SECTION AND SCHEDULE FOR EXACT CONDITION.

TYPICAL WALL JOINTS & DETAILS



WALL REINFORCING ELEVATION



PIPE SHALL NOT INTERFERE WITH BASE OF RETAINING WALL.

REINF. @ PIPE OPENING

RETAINING WALL NOTES

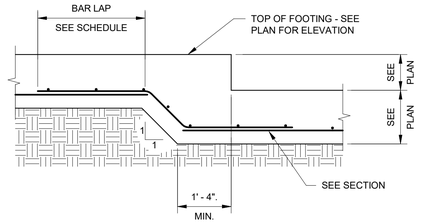
1. All concrete to have 2000 psi compressive strength at 28 days unless otherwise noted.

2. Design parameters to be verified by geotechnical engineer.
   Soil bearing pressure : 2000psf
   Equivalent fluid pressure : 40.0 pcf (Cantilever)
   Equivalent fluid pressure : 60.0 pcf (Basement)
   Friction factor : 0.4

3. Reinforcing steel:
   A. Shall be detailed, fabricated and placed according to the latest standards of the A.C.I.
   B. Provide corner bars at all corners of the same size and number as the larger of the adjacent bars.
   C. Shall conform to the latest standards of ASTM A 615 Grade 60.
   D. Contractor to submit shop drawings to the Architect for approval prior to fabrication.

4. Wall joints:
   A. Full height vertical weakened plane contraction joints shall be located at 25' o.c. maximum spacing. Alternate longitudinal bars shall be cut exactly opposite such contraction joints.
   B. Keyed full height vertical expansion joints shall be substituted at every fourth contraction joint or 100' maximum. Joints to have asphalt impregnated fiber board filler or similar, with all longitudinal bars cut opposite such expansion joints.
   C. Construction joints between successive pours of concrete to be keyed (metal Keykold or similar).
   D. Construction joint may be substituted for any control joint.

5. Backfill:
   A. DO NOT backfill above retaining wall heel (behind wall) until 7 days after concrete floor slab and concrete paving has been installed
   B. Compact backfill per requirements of the Soils Engineer.

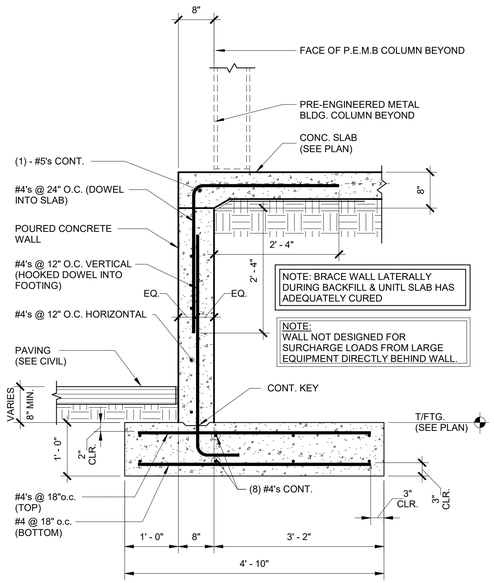


(WALL NOT SHOWN FOR CLARITY)

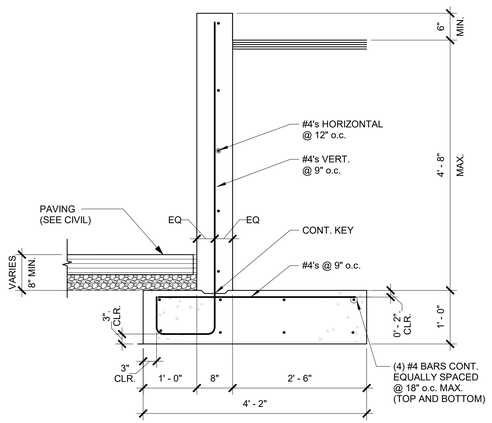
FOOTING STEP DETAIL

REINFORCED CONCRETE TENSION LAP SPLICE LENGTHS (INCHES) TABLE 1

BAR SIZE	f'c=3000 PSI	f'c=4000 PSI
#3	25	21.3
#4	33	29
#5	41	36
#6	49	43
#7	72	62



2 S3.2 **FOUNDATION SECTION**
3/4" = 1'-0"



3 S3.2 **RETAINING WALL SECTION**
3/4" = 1'-0"

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Suite 150
Marietta, GA 30060
(404) 483 6921

GEORGIA REGISTERED No 030747 PROFESSIONAL ENGINEER BRENDAN F. CROMEY

Rev. No.	Date	Name

ISSUED FOR CONSTRUCTION

PROJECT
DRYWALL WAREHOUSE HWY 81

ADDRESS
257 Highway 81
Oxford, GA 30054

CLIENT
CSC DESIGN, INC.
ARCHITECTS & ENGINEERS

ADDRESS
135 P. Rickman Industrial Dr.
Suite 100, Canton, GA 30115

SHEET TITLE
FOUNDATION DETAILS

Date: 04/20/2026

PROJECT NUMBER
26-149

SHEET NUMBER
S3.2

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