

24" X 24" MASONRY PILASTER DETAIL

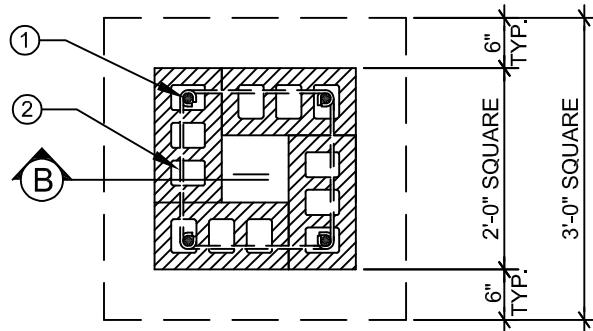
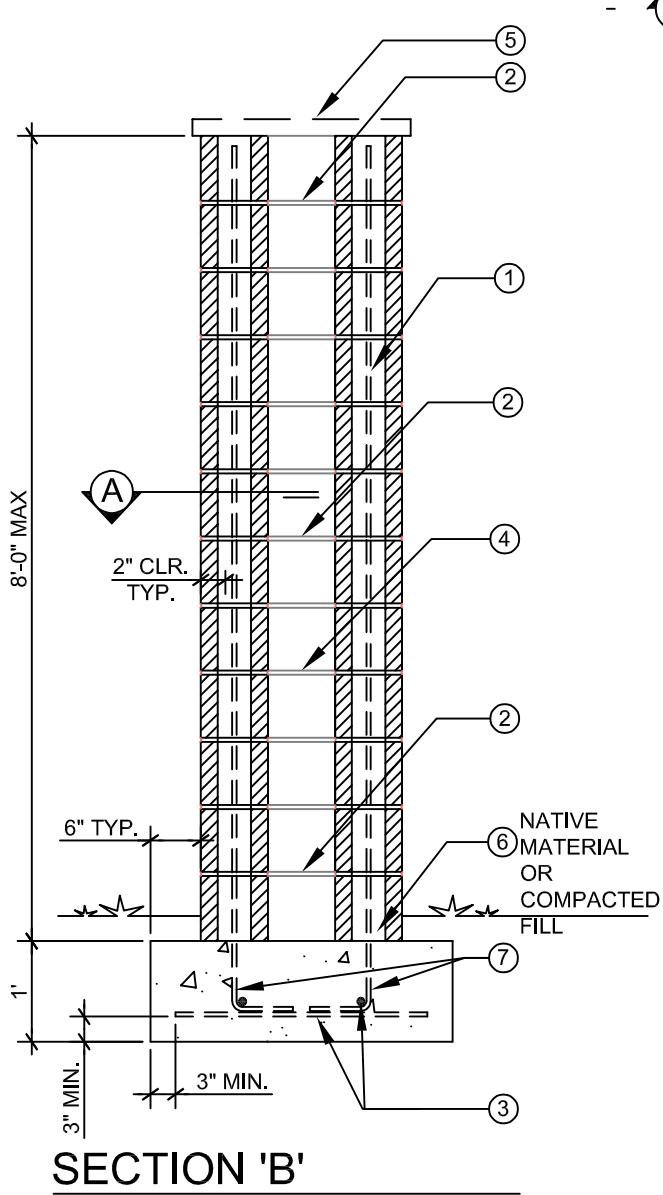
2024 IBC

Clark County  
Building Department  
4701 W Russell Rd  
Las Vegas, NV 89118  
(702) 455-3000

Boulder City  
Building Department  
401 California Avenue  
Boulder City, NV 89005  
(702) 293-9282

Henderson  
Building & Fire Safety Department  
240 S. Water Street  
Henderson, NV 89015  
(702) 267-3650

Las Vegas  
Building & Safety  
495 S. Main Street  
Las Vegas, NV 89101  
(702) 229-6251



**GENERAL NOTES:**

1. ALL WORK SHALL CONFORM TO THE 2024 IBC WITH SNA.
2. CONCRETE MASONRY SHALL COMPLY WITH THE FOLLOWING:
  - A. ASTM C 90, f'm = 2,000 PSI
  - B. MORTAR: TYPE M OR S
  - C. GROUT SHALL CONFORM TO ASTM C 476, 2000 PSI MIN.
3. FOUNDATION CONCRETE SHALL BE 4,500 PSI, TYPE V CEMENT AND 0.45 WATER TO CEMENT RATIO
4. ALL REINFORCING STEEL SHALL BE ASTM A615-60
5. LAP VERTICAL STEEL 24 INCHES MINIMUM.
6. SITE PLAN SHALL BE SUBMITTED FOR REVIEW BEFORE THE BUILDING PERMIT CAN BE ISSUED.

**KEYNOTES: #**

- ① - #4 VERTICAL REBAR AT EACH CELL CORNER, SOLID GROUTED
- ② - #3 REBAR, TIE IN MINIMUM 8-INCH BOND BEAM AT TOP, MIDDLE, AND BOTTOM. PROVIDE A 2-INCH MINIMUM GROUT COVER AT ALL SIDES OF REBAR.
- ③ - (2) #4 CONTINUOUS REBAR EACH WAY
- ④ - LINE OF CMU GROUT BEYOND
- ⑤ - FINISH TOP OF COLUMN WITH A CAP BLOCK OR WITH CONCRETE FOR WATER RUN-OFF.
- ⑥ - GROUT ALL CELLS AND CAVITIES SOLID BELOW GRADE.
- ⑦ - STANDARD 90° HOOK WITH 9" MIN., LENGTH