

SOUTHERN NEVADA BUILDING OFFICIALS REGIONAL STANDARDS				B-104 2-5-2019 PG. 1 OF 1	
24" X 24" MASONRY PILASTER DETAIL 2018 IBC					
Clark County Dept. of Building & Fire Prevention 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 Dept. 240 Water Street Henderson, NV 89015 (702) 267-3650	Las Vegas Building & Safety Dept. 333 N. Rancho Drive Las Vegas, NV 89106 (702) 229-6251		
SECTION 'A' NTS SECTION 'B' NTS					
GENERAL NOTES: 1. ALL WORK SHALL CONFORM TO THE 2018 IBC WITH SNA. 2. CONCRETE MASONRY SHALL COMPLY WITH THE FOLLOWING: A. ASTM C 90, F'm = 1,500 PSI B. MORTAR: TYPE M OR S, 1800 PSI 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 INTERMEDIATE GRADE ASTM A615-40. 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					
Mesquite Building Department 10 East Mesquite Blvd. Mesquite, NV 89027 (702) 346-2835	North Las Vegas Building & Fire Safety 2250 Las Vegas Blvd. N N. Las Vegas, NV 89030 (702) 633-1577	Pahrump Building & Fire Safety Dept. 250 N Hwy 160 Suite #3 Pahrump, NV 89060 (775) 751-3373			