

FLOWCHART

| | Design | Footings/Stem | Pre-Slab |
|--|---|---|---|
| Concrete | <input type="checkbox"/> Have engineer, architect, or designer create 'shop drawing' detailing rebar placement. | <input type="checkbox"/> Rebar sizing communicated to concrete sub. <input type="checkbox"/> Remind concrete sub that stem wall is 8". <input type="checkbox"/> Review rebar placement and emphasize its importance. <input type="checkbox"/> Indicate to concrete sub where block outs are to occur (see Plumbing and Electrical sections). | |
| Plumbing | <input type="checkbox"/> Determine location of gas meter. Try and locate main feeder so that it enters building where an interior partition wall is located so that it may be ran vertically in the interior partition wall above the plate. <input type="checkbox"/> Determine location of water riser (same as above). | <input type="checkbox"/> Determine location of waste vents in block walls and provide 'block outs' in stem. | <input type="checkbox"/> Remind plumber that waste vents must hit corner block cells in order to avoid coming back and elbowing vertical risers (see Omni Block Detail Sheet). <input type="checkbox"/> Verify proper waste vent locations after installation. |
| Electrical | <input type="checkbox"/> Note all electrical switch and outlet requirements are indicated on the plan. <input type="checkbox"/> Note all low voltage (telephone, cable, sound, security, and door bell boxes are indicated on the plan. | <input type="checkbox"/> Determine and position where conduit needs to be placed for cable/TV, telephone, landscape and pool (ran within stem). <input type="checkbox"/> Have electrician supply steel conduit and specify its location and height requirement. <input type="checkbox"/> Verify that electrician installs Ufer long enough to reach electrical main. Mason may have to run it laterally in the block before going vertical with it. | |
| HVAC | | | |
| Windows Doors | <input type="checkbox"/> Make sure all window openings are block module, if possible (chart on page 14). | | <input type="checkbox"/> Order aluminum or vinyl windows sometime during pre-slab, allowing enough lead time so that when slab is done windows are ready to be delivered. |
| Framing | <input type="checkbox"/> Note all beam seat locations and heights on plan. <input type="checkbox"/> Note all masonry wall heights on plan. | | |
| Drywall | <input type="checkbox"/> Make sure that top plate coverage, corner bead for all openings, texture coat and/or skim coat is in drywallers bid. | | |
| Optional Surface Bond or Stucco | | | |

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| | Start of Masonry | During Masonry | Post Masonry |
|---|--|--|--|
| Concrete | <input type="checkbox"/> Schedule brief 'prior to the start of masonry' meetings at the job site with the electrical, HVAC, fire sprinkler, plumber, sound, security subcontractors and the mason. | | |
| Plumbing | <input type="checkbox"/> Have plumber rough-out (90°) all water lines and waste vents . <input type="checkbox"/> Supply any access panels and specify their location. <input type="checkbox"/> Require fire sprinkler subcontractor to meet with mason for fire sprinkler installation coordination. | <input type="checkbox"/> Verify fire sprinkler installation. <input type="checkbox"/> Verify access panel installation. <input type="checkbox"/> Verify all required sleeving has been installed. | |
| Electrical | <input type="checkbox"/> Determine main incoming telephone feed and cable/TV location and provide box or panel. <input type="checkbox"/> Determine meter /main location. | <input type="checkbox"/> Prior to 4 ft. grout, make sure all electrical and low voltage boxes are installed. <input type="checkbox"/> Schedule security contractor to pre-wire exterior walls prior to interior surface bonding. <input type="checkbox"/> Verify main meter location. <input type="checkbox"/> Verify garage electric eye installation. | |
| HVAC | <input type="checkbox"/> Determine all air conditioner locations, HVAC line locations and how the thermostat wiring is to be handled. | <input type="checkbox"/> Verify dryer vent opening has been installed. <input type="checkbox"/> Verify HVAC line sleeve installation. | |
| Windows Doors | <input type="checkbox"/> Communicate with mason for actual delivery date. <input type="checkbox"/> Communicate to mason door and/or slider widths and heights so proper rough opening can be provided. | | <input type="checkbox"/> Wood Windows Only: During installation (much later than the block construction) make sure window will be centered in opening or a satisfactory plan is reached with the interior and exterior finishes in mind (see also Drywall, Framing and Stucco sections). |
| Framing | | <input type="checkbox"/> Communicate to the framer and the mason that they need to agree on beam seat heights and locations. | <input type="checkbox"/> Make sure framer understands that the block is not furred out and that he needs to allow for the specified drywall thickness. <input type="checkbox"/> Make sure that the framer glues all partition stud material to the block. <input type="checkbox"/> If parapet truss tails are to be used, discuss set-back distance with stucco contractor and then communicate that result to the truss supplier and the framer. |
| Drywall | | | <input type="checkbox"/> Inspect job site as drywall contractor is applying corner bead to make sure that it is being installed evenly and squarely. |
| Optional Surface Bond Stucco | | <input type="checkbox"/> Plan for interior surface bonding (optional) immediately following the block construction before any framing is done. <input type="checkbox"/> Have mason score block for security wire prior to interior surface bonding. | Interior Surface Bond (optional): <input type="checkbox"/> Make sure that windows are square and plumb. <input type="checkbox"/> Make sure applicator understands the surface bond preparation and application directions. <input type="checkbox"/> Communicate to the applicator the desired trim detail around windows; most notably the return (sill) and corner edging. Exterior Surface Bond (optional): <input type="checkbox"/> Exterior surface bond occurs when normal stucco is usually performed. <input type="checkbox"/> Advise the applicator of all wood frame areas that need prepared for a regular brown coat before surface bond, regular stucco or synthetic stucco application. |