

DESIGN LOADS (LIVE/DEAD):

ROOF: 40 PSF/15 PSF
 FLOOR: 40 PSF/10 PSF
 DECK: 40 PSF/15 PSF

NOTE: PADS, PIERS, AND FOOTERS MUST BE PLACED ON UNDISTURBED NATIVE SOIL. ALLOW A 12" GAP IN THE FOOTER AS SHOWN FOR THE PERIMETER DRAIN.

PADS SHOWN UNDER THE 8" CONCRETE FOUNDATION WALLS ARE CENTERED UNDER THOSE WALLS (U.O.N.)

BUILDER TO VERIFY ALL DIMENSIONS PRIOR TO ANY CONSTRUCTION. SEE THE ARCHITECTURAL PLANS FOR ANY ADDITIONAL DIMENSIONS.

General Notes

1. THE SPECIFICATIONS, SOILS REPORT, AND OPEN HOLE LETTER ARE PART OF THIS DESIGN.
2. VERIFY LOCATION OF PADS & PIERS.
3. LOAD BEARING COMPONENTS SUSCEPTIBLE TO THE WEATHER SHALL BE FINISHED TO A MINIMUM OF 30" BELOW AND 6" ABOVE FINISHED GRADE.
4. FOOTER, PAD, AND PIER SIZES SHOWN ON THIS DESIGN ARE MINIMUM AND MAY BE UP SIZED.
5. PADS 18" SQ THRU 22" SQ ARE 7.5" THICK, PADS 24" SQ THRU 34" SQ ARE 9.5" THICK AND PADS 36" SQ THRU 54" SQ ARE 11.5" THICK. SEE DETAIL SHEET FOR ADDITIONAL INFORMATION.
6. WALL THICKNESSES SHOWN ARE NOMINAL. WALL HEIGHTS VARY, REFER TO ARCHITECTURAL DRAWINGS AND DETAIL SHEETS.
7. IF WALL HEIGHTS EXCEED 10 FEET, OR IF ANY UNFORESEEN CONDITIONS ARISE, CONTACT THE ENGINEER.
8. REFER TO DETAIL SHEETS FOR REINFORCEMENT SCHEDULE AND ADDITIONAL INFORMATION.
9. BLOCK-OUTS FOR BEAM POCKETS AND DOORWAYS ARE REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND SIZES.
10. PLACE THE CONCRETE SLAB OR OTHER SUITABLE LATERAL RESTRAINT, IN ADDITION TO FLOOR JOISTS AND SUBFLOOR, PRIOR TO BACKFILLING.
11. PLACE AND COMPACT BACKFILL IN LIFTS ALONG ENTIRE LENGTH OF WALL. SEE SPECIFICATIONS.

FOUNDATION DESIGN:

3,000 PSF (COLORADO ENGINEERING #082-0075)

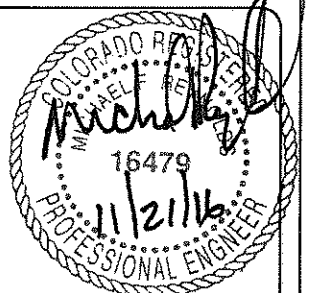
PROVIDE COPY OF OPEN HOLE REPORT TO MIBAR. SOIL BEARING MUST BE 3,000 PSF OR HIGHER FOR THIS FOUNDATION DESIGN TO BE VALID.

No.	Revision/Issue/Change	Date
1.	Fixed pad dimension, front porch, garden wall	11/21/16

MIBAR ENGINEERING LTD., LLC
 6825 SILVER PONDS HEIGHTS
 SUITE 101
 COLORADO SPRINGS, CO 80908



OFFICE: (719) 487-0812
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Project: 16398	Project Name and Address
Sheet: 2 of 3	TKO DESIGN & CONSTR
Date: 11/15/16	BERKHEIMER RESIDENCE
Scale: 3/32"=1'	LOT 18
Drawn by: GED	PALMER DIVIDE SUBDIVISION
Checked by: MSL	6415 CONNAUGHT DRIVE
	EL PASO COUNTY, COLORADO

ALL LOOSE DIRT/ROCKS MUST BE REMOVED PRIOR TO POURING THE FOUNDATION FOOTERS, PADS, AND PIERS