

CITY OF ALBUQUERQUE
PLANNING

NOTE: All plans have been reviewed for code compliance only.

ALL ELECTRICAL SHALL BE INSTALLED IN CONCRETE. TO AVOID THE POSSIBILITY OF A SHORT TO A CONCRETE FOUNDATION, REINFORCING MATERIALS IN DIRECT CONTACT WITH THE EARTHING AND GROUNDING MATS AT LEAST 20 OF ONE OR BOTH SIDES OF THE REINFORCING STEEL REINFORCING REBAR OF NOT LESS THAN 1/2" DIA.

PERMIT # **BP-2022-01872**

DATE: **05/10/22**

(printed signature)

R401.3 DRAINAGE

SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINT OF COLLECTION SO AS NOT TO CREATE A HAZARDOUS LOT SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE SHALL FALL A MIN. OF 6" WITHIN THE FIRST 10 FEET.

NM 2015 IRC R311.4.3
LANDINGS AT DOORS LEADING TO OUTSIDE.
NOTE: MIN. 3' LANDING OUTSIDE OF ALL
DOORS LEADING OUTSIDE OF BUILDING
SEE CONCRETE PLAN FOR EXACT LOCATIONS.

NOTE;
TYPICAL AT ALL EXTERIOR FOOTINGS
18" DEPTH BELOW GRADE, 6" ABOVE GRADE.
24" TOTAL FOOTING FROM TOP OF SLAB
TO BOTTOM OF FOOTING.

2G DESIGN
4520 LOWER TERRACE CIRCLE NE
ALBUQUERQUE, NM. 87111
505-362-2009

APRIL 5, 2021

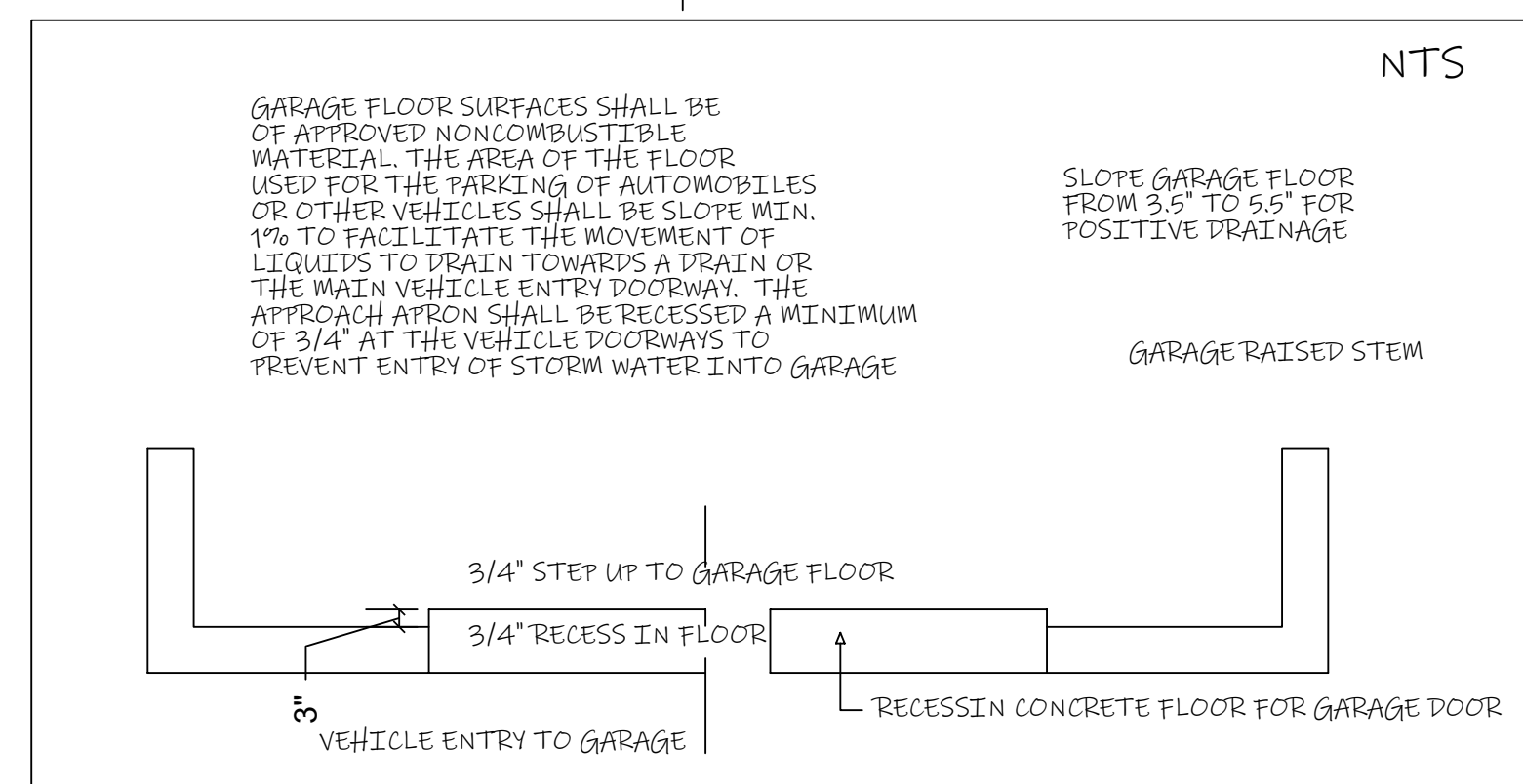
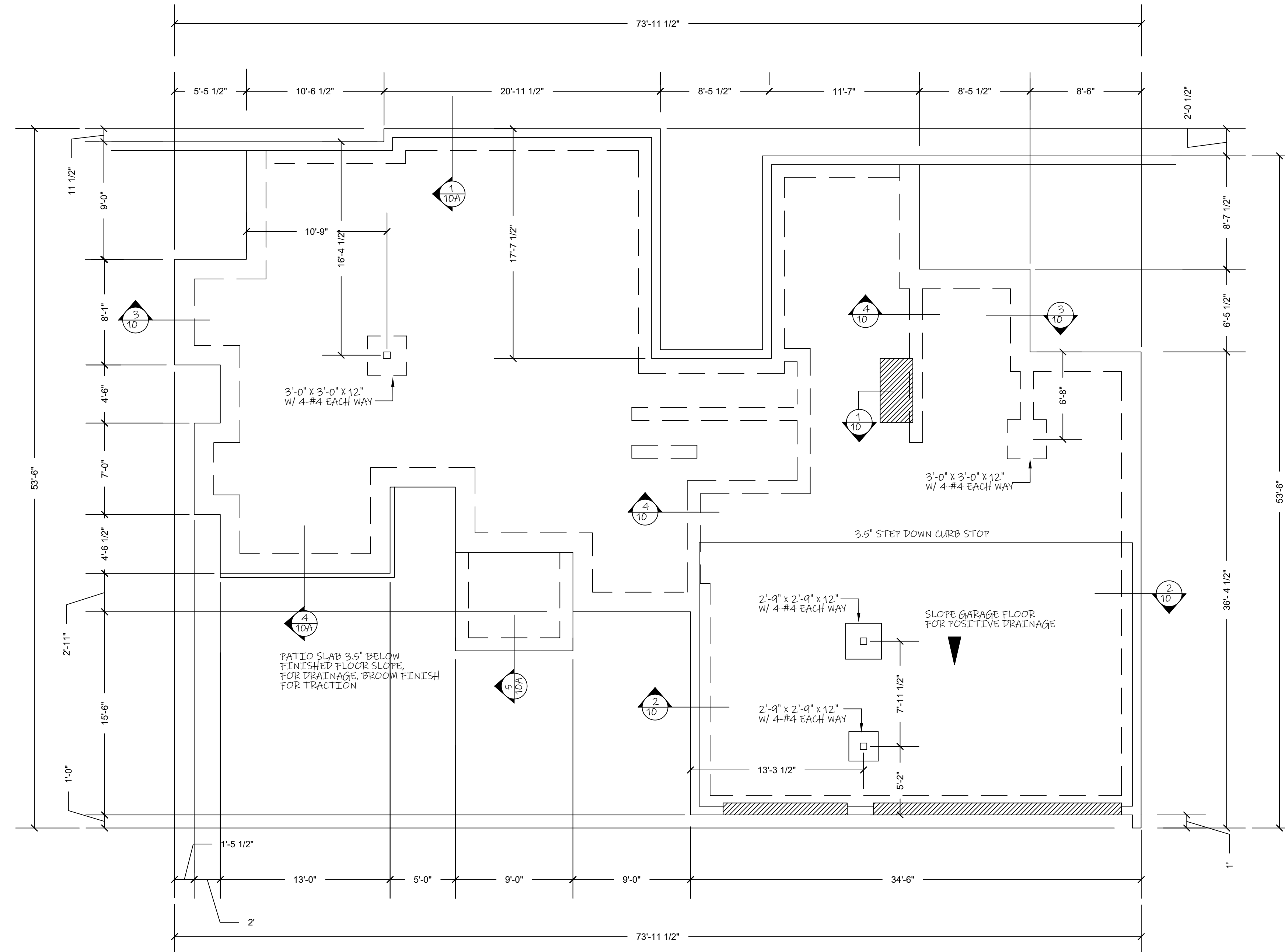
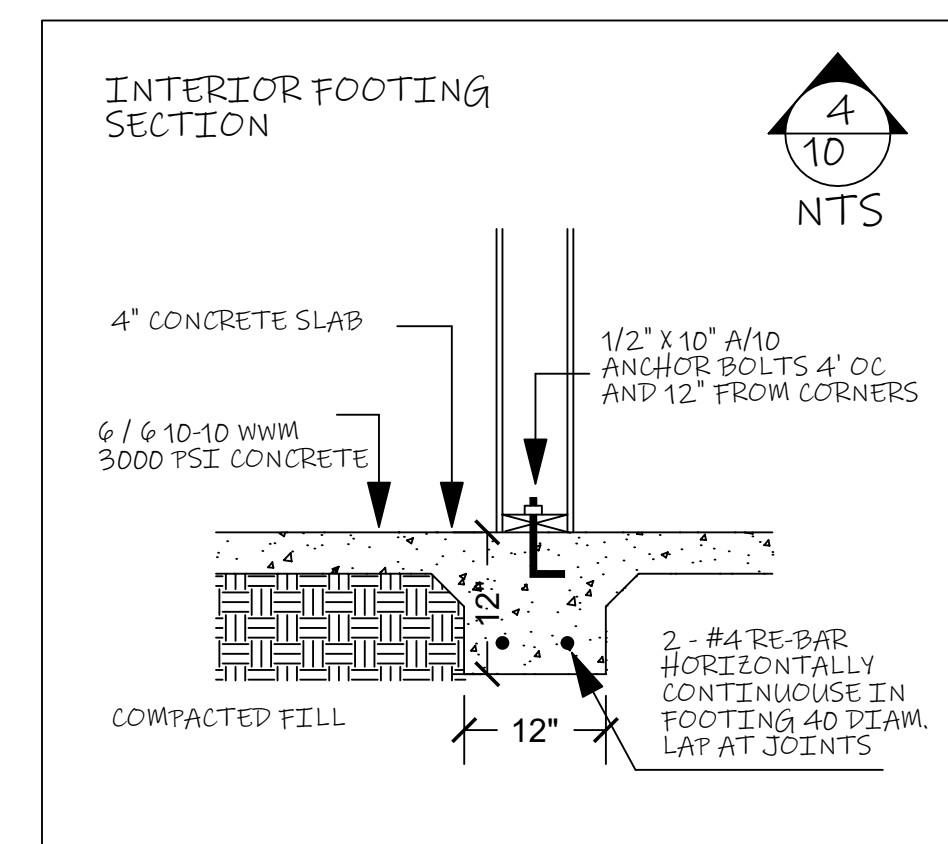
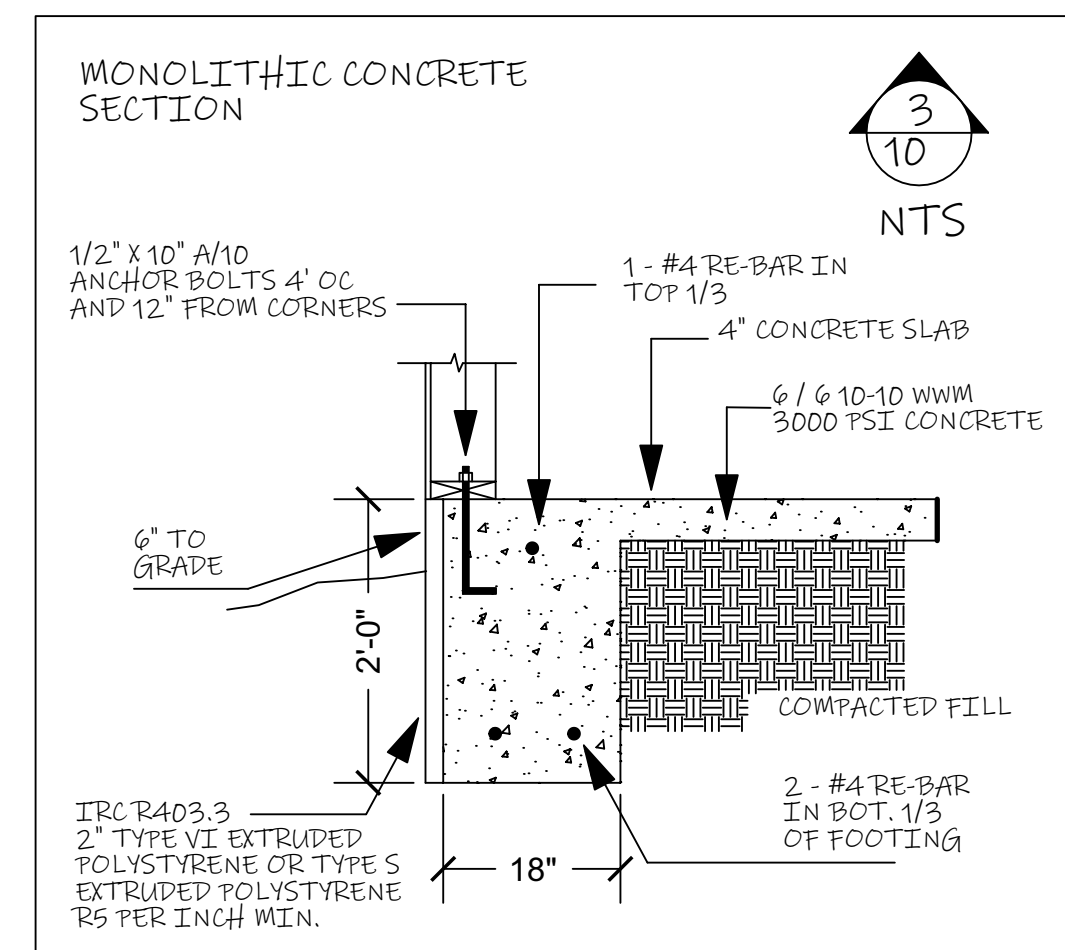
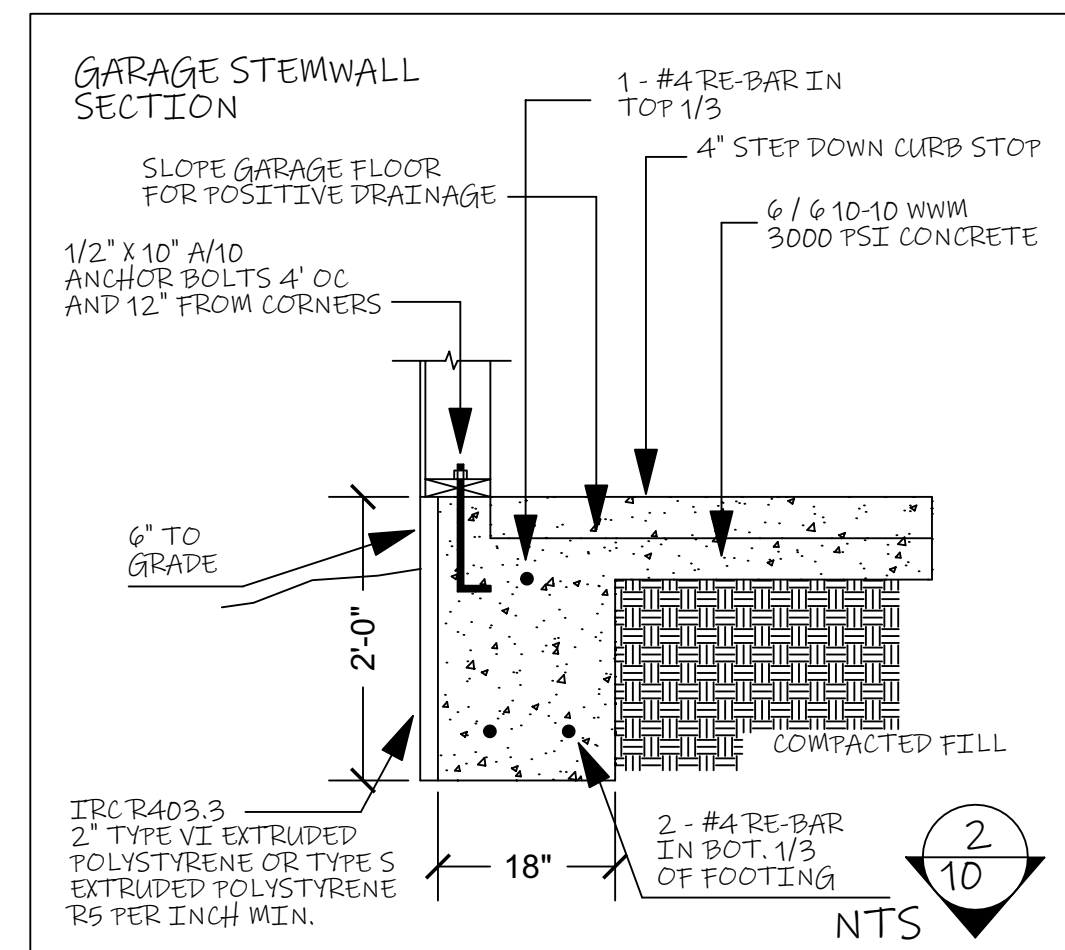
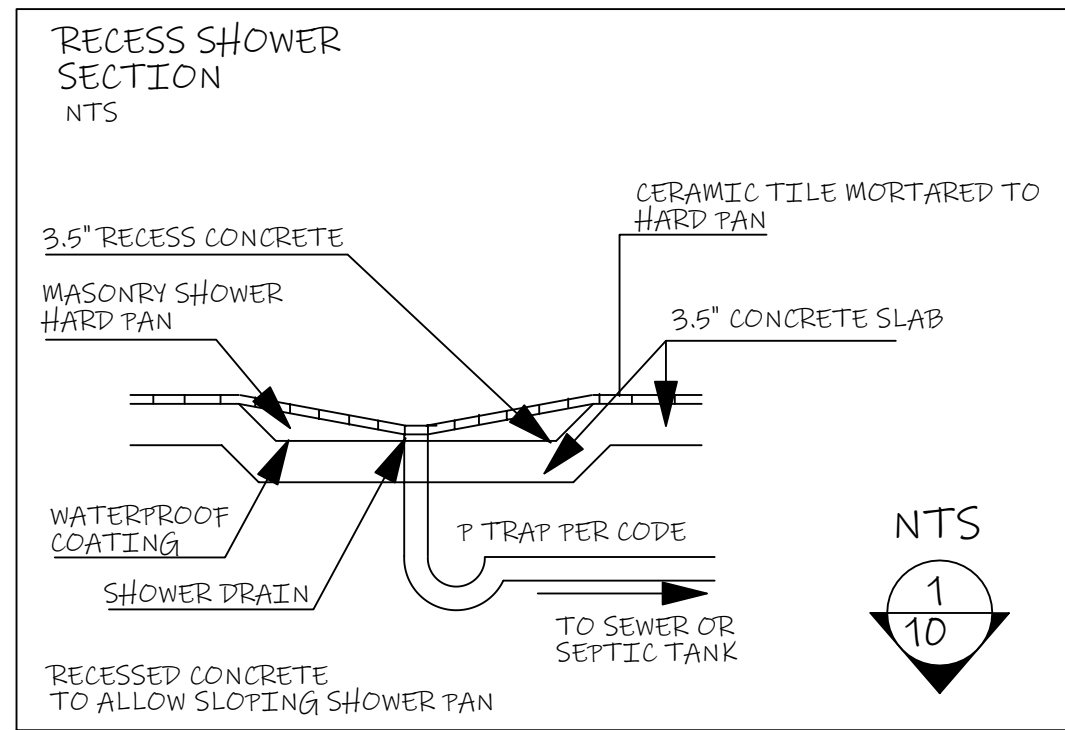
FOUNDATION

AKASH & NIKI PATEL
CUSTOM HOME
ALBUQUERQUE, NM.

SHEET

10

OF 10 SHEETS



CONCRETE NOTES
NM 2015 INTERNATIONAL RESIDENTIAL CODE

1. CONCRETE STRENGTH: 3000 PSI MIN. 4" MINIMUM THICK SLAB ON COMPACTED FILL.
2. ALL FOOTINGS MIN. 15" WIDE 24" THICK WITH AN EXCAVATION DEPTH OF 18" WEST OF SANDIA MOUNTAINS AT ALL EXTERIOR WALLS.
3. ALL CMU WALLS FOR FOUNDATION TO BELT 8" X 8" X 16" MIN. WITH JOINT REINFORCEMENT 16" OC VERTICAL. 48" OC MAX.
4. ANCHORING: MIN 1/2" X 10" ANCHOR BOLTS @ 24" OC MAX. AND WITHIN 12" FROM END OF PLATE. POWDER ACTUATED FASTENERS @ 24" OC MAX. AND WITHIN 12" FROM END PLATE FOR INTERIOR BEARING SOLE PLATES NOT PERMITTED FOR CMU STEM WALLS.
5. RE-BAR: 2 #4 RE-BAR CONTINUOUS AT ALL FOOTINGS WITH MIN. 40 DIAM. LAP AT JOINTS. REINFORCEMENT STEEL SECURED IN PLACE MIN. 3" COVERAGE.
6. INTERIOR FLOOR BEARING FOOTINGS: 12" MIN. WIDTH X 12" MIN. DEPTH AT ALL INTERIOR FOOTINGS.
7. FOUNDATION INSULATION: 2" X 24" R100 AT EXTERIOR PERIMETER OF HEATED SPACE AND AT GARAGE BASE WALL. WOOD FLOORS TO BE MIN. 2" INSULATION. EXTERIOR WALLS TO EXTEND FROM TOP OF SLAB 24" DOWN, OR CONTINUE HORIZONTALLY UNDER SLAB FOR A TOTAL OF 24".
8. UNDER FLOOR CLEARANCE: 18" TO THE BOTTOM OF WOOD JOISTS AND 12" TO THE BOTTOM OF WOOD GIRDLERS. PROVIDE A MIN. UNDER FLOOR ACCESS OF 18" X 24" PROVIDE CORRS VENTILATION OF MIN. 1 SQ. FT. OF UNDER FLOOR AREA.
9. EXCAVATIONS AND FOUNDATIONS: TO CONFORM TO CHAPTER 18 AND 33; ASCENDING AND DESCENDING SLOPES, CUTS, CUT/FILLS. ALL FOOTINGS MUST EXTEND TO 12" INTO UNDISTURBED SOIL OR TO UNDISTURBED FLOOR OF SATISFACTORY PLACEMENT OF FILL SHALL BE PROVIDED TO PERMIT OFFICE FOR REVIEW AND APPROVAL.

FOUNDATION

SCALE; $3/16" = 1'-0"$