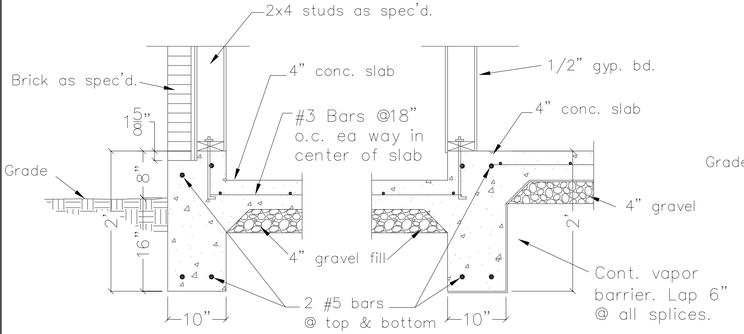
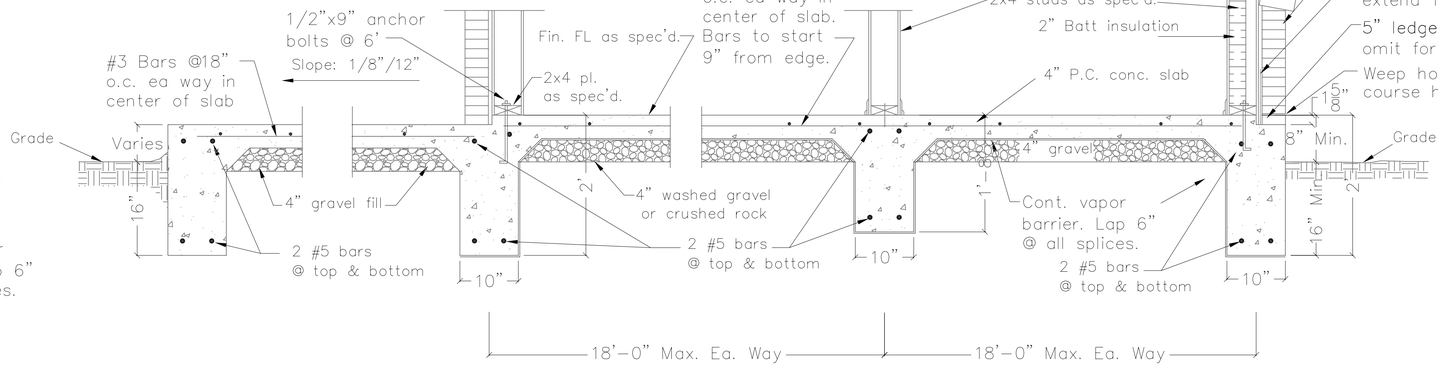


SECTION EXT. GARAGE WALL E

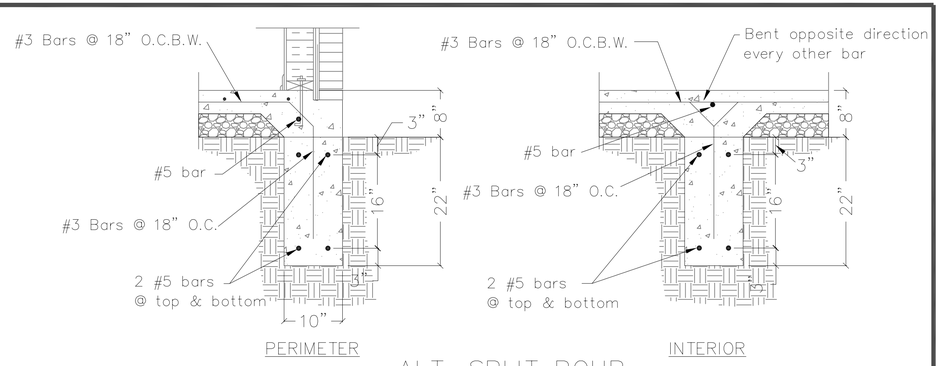
SECTION GARAGE FLOOR D



SECTION EXTERIOR WALL @ PORCH C

SECTION INTERIOR BEAMS B

SECTION PERIMETER BEAMS A

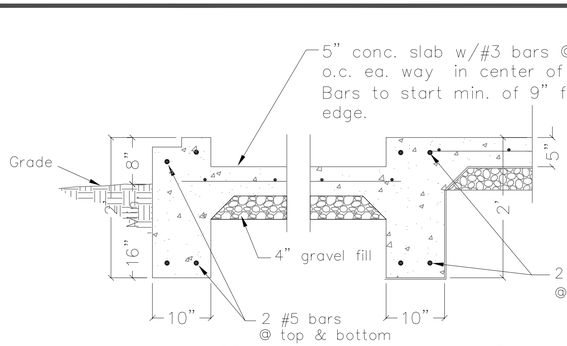


ALT. SPLIT POUR

FOUNDATION DETAILS FOR WAFFLE SLAB DESIGN "B" FOR SOIL WITH P.I. OF 15 TO 30

EXTERIOR GRADING SHALL SLOPE AWAY FROM FOUNDATION (6" WITHIN FIRST 10' OR A SWELL)

NOTES
1. Bottoms of all beams shall extend into undisturbed soil or compacted soil. (95 proctor)
2. Lap all bar steel 40 dia.
3. Garage & porch slabs shall be same as house slab except vapor barrier may be omitted.
4. All beam & slab steel shall extend to 1-1/2" of the exterior forms.
5. Beam steel shall be tied & supported every 4'-0".
6. No dead end beams.
7. All bearing walls shall have a footing within 2'.



SECTION EXT. GARAGE WALL E

SECTION GARAGE FLOOR D

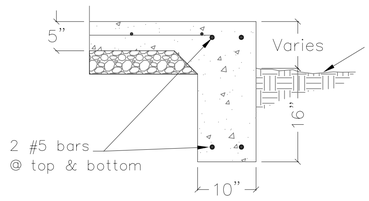
SECTION HOUSE PORCH BEAM C

INTERIOR TRANSVERSE BEAMS

INTERIOR LONGITUDINAL BEAMS

SECTION PERIMETER BEAMS A

SECTIONS B



SECTION PORCH BEAM

FOUNDATION DETAILS FOR WAFFLE SLAB DESIGN "C" FOR SOIL WITH P.I. OF 30+

EXTERIOR GRADING SHALL SLOPE AWAY FROM FOUNDATION (6" WITHIN FIRST 10' OR A SWELL)

NOTES
1. Bottoms of all beams shall extend into undisturbed soil or compacted soil. (95 proctor)
2. Lap all bar steel 40 dia.
3. Garage & porch slabs shall be same as house slab except vapor barrier may be omitted.
4. All beam & slab steel shall extend to 1-1/2" of the exterior forms.
5. Beam steel shall be tied & supported every 4'-0".
6. No dead end beams.
7. All bearing walls shall have a footing within 2'.

Lawton Waffle Slab
"Concrete and Masonry Foundation Details"

CITY OF LAWTON
ENGINEERING DIVISION

Community Development
License and Permit Center

PROJECT NO.:	DESIGN:	DATE: 4/21/2009
FILE NAME: Waffle Slab	DRAWN: C. James	SHEET 1 OF 1