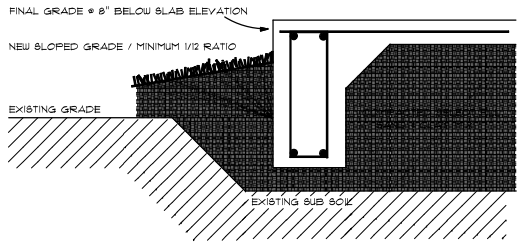
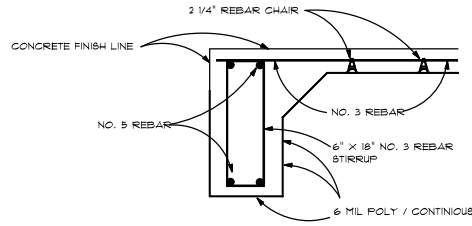


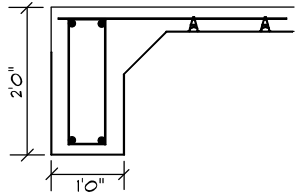
# FOUNDATION BEAM DETAILS



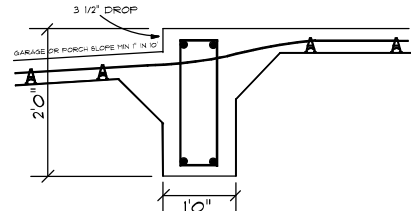
**EXCAVATION FILL AND GRADE DETAIL**



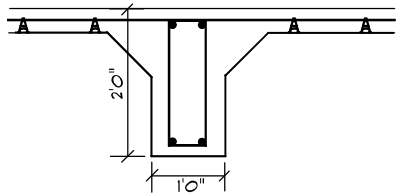
**FOUNDATION BEAM / PARTS GUIDE**



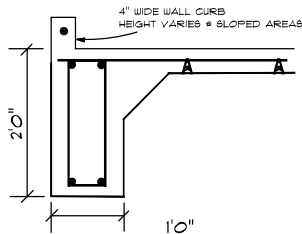
**PERIMETER BEAM "A"**



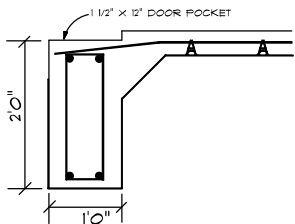
**TRANSITION BEAM "D"**



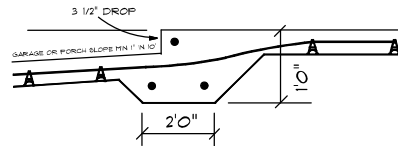
**INTERIOR BEAM "B"**



**GARAGE WALL CURB BEAM "E"**



**GARAGE DOOR BEAM "C"**



**TRANSITION BEAM "F"**

# FOUNDATION NOTES

ALL TREES AND ROOT SYSTEMS WITH THE BUILDING FOOTPRINT SHALL BE REMOVED AND THE SOILS COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR COMPACTION TEST.

STRIP AND REMOVAL ALL SURFACE ORGANICS, TOPSOIL AND UNSUITABLE MATERIALS WITHIN THE BUILDING AND DRIVEWAY FOOTPRINT.

ESTABLISH AND MAINTAIN POSITIVE DRAINAGE THROUGHOUT THE LIFE OF THE STRUCTURE

PROOF ROLL THE SUBGRADE TO DETECT ANY WET OR PUMPING AREAS. STABILIZE THESE AREAS WITH DRYING OR STABILIZING AGENTS AS NECESSARY OR REMOVE AND REPLACE THEM WITH SELECT FOUNDATION FILL MATERIALS.

COMPACT SUBGRADE TO A MINIMUM OF 95% R-PERCENT OF ITS MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D 698)

PROVIDE SELECT FOUNDATION FILL TO ELEVATION / COMPACTED IN 8" LIFTS

EXCAVATE BEAMS PER PLAN / 12" WIDTH & 24" DEPTH WITH BEVELED EDGES TO PREVENT CAVING AND STIFFEN TRANSITIONS PER PLAN AND DETAILS

PROVIDE CONTINUOUS 6 MIL POLY VAPOR BARRIER PER PLAN

PROVIDE 4 NO. 5 REBAR REINFORCEMENT IN BEAMS PER PLAN AND DETAIL NO. 5 BEAM REBAR SHALL BE TIED IN REBAR CAGES WITH 6" X 18" NO. 3 REBAR STIRRUPS @ 16" O.C. CONTINUOUS @ ALL BEAMS

ALL REBAR SHALL BE OVERLAPPED AND TIED WITH A MINIMUM LAP OF 30 TIMES THE DIAMETER OF THE REBAR

PROVIDE NO. 3 REBAR MAT @ SLAB AREA 16" O.C. BOTH WAYS

PROVIDE 2' X 2' NO. 4 REBAR CORNERS @ ALL CORNERS / CORNERS BARS SHALL BE INSTALLED WITH 2 @ TOP & 2 @ BOTTOM

PROVIDE 2' X 2' NO. 4 CORNER CARS @ ALL "T" INTERSECTIONS WITH A MINIMUM OF 2 TOP

PROVIDE 2 - 5' NO. 5 REBAR REINFORCEMENT ACROSS CORNERS PER PLAN

CONCRETE MIX SHALL BE 3000 PSI PERFORMANCE MIX

CONCRETE SHALL BE TROWELED FINISHED @ ALL LIVING AREA / GARAGE AND PORCH CONCRETE SHALL BE BROOM FINISHED / ALL EXPOSED EDGES SHALL BE FINISHED WITH A BULLNOSE EDGE

VIBRATE ALL COCRETE @ FROM WORK TO PREVENT HONEYCOMBING OF CONCRETE

CHARLES and LINDA BUTCHER RESIDENCE  
LASATA SUBDIVISION  
LOT 4 / BLK 3  
NEW GULF, TEXAS

BROTHERS CUSTOM WORK, INC. POB 249  
HUNGERFORD, TX  
JOHN & BEV LUTHER C 979-532-2250 F 979-532-2229  
HOUSTON 281-831-8756 JNL@luther@brothers.com  
www.brotherscustomworks.com

FOUNDATION  
DETAIL

JOB: BUTCHER  
DATE: 4/20/06  
SCALE: NA  
DRAWN: JUL  
SHEET:  
A - 6