

OCONNOR ROAD

S 41°54'45" W
988.71'

BLDG 9
F.F. = 1006.18

BLDG 8
F.F. = 1004.78

STORM
POND

ADDITION
F.F. = 1002.86

EXISTING STRUCTURE
BLDG 2

BLDG 3

BLDG 4
F.F. = 1007.08

EXISTING STRUCTURE

BLDG 5
F.F. = 1009.09

BLDG 12
F.F. = 1012.37

BLDG 6
F.F. = 1007.86

BLDG 7
F.F. = 1007.86

BLDG 11
F.F. = 1011.57

BLDG 10
F.F. = 1010.77

BLDG 13
F.F. = 1013.63

BLDG 14
F.F. = 1010.63

BUILDING RESTRICTION LINE

EDGE OF TAXI

EDGE OF TAXI

GRADING QUANTITIES

STRIPPING 4" DEPTH = 3,700 C.Y.
SITE CUT = 1,150 C.Y.
SITE FILL = 5,850 C.Y.
STRUCTURAL IMPORT = 4,700 C.Y.

POINT DESCRIPTOR LEGEND

F.F. = FINISH FLOOR
INV. = INVERT
CONC. = CONCRETE
ACP = TOP ASPHALT CEMENT PAVEMENT
F.G. = FINISH GRADE
RIM = TOP OF STRUCTURE
FL = FLOW LINE
TOP = TOP OF POND
BOT = BOTTOM OF POND

GRADING SPECIFICATIONS

PREPARATION OF GROUND: THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NON-COMPLYING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIALS, SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL AND, WHERE SLORES ARE STEEPER THAN FIVE TO ONE AND THE FILL HEIGHT IS GREATER THAN 5 FEET, BY BENCHING INTO COMPETENT MATERIAL. THE BENCH UNDER THE TOE OF A FILL ON A SLOPE STEEPER THAN A FIVE TO ONE SHALL BE AT LEAST 10 FEET WIDE. WHEN FILL IS TO BE PLACED OVER CUT, THE BENCH OVER THE TOE OF FILL SHALL BE AT LEAST 10 FEET WIDE BUT THE CUT SHALL BE MADE BEFORE THE FILL AND SHALL BE SUITABLE FOUNDATION FOR FILL.

FILL MATERIAL: DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILL.

COMPACTION: ALL STRUCTURAL FILLS (UNDER RESIDENTIAL LOTS, BUILDINGS, AND PAVEMENT OR CONCRETE) SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY ACCORDING TO ASTM D1557 (MODIFIED PROCTOR). THE TOP 6 INCHES OF ALL ROAD SUBGRADES SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. NON STRUCTURAL FILL SHALL BE COMPACTED TO A MINIMUM OF 85% OF MAXIMUM DENSITY ACCORDING TO ASTM D1557 (MODIFIED PROCTOR). ALL FILLS MUST BE CERTIFIED AS MEETING THESE SPECIFICATIONS BY A PROFESSIONAL ENGINEER. COMPACTION TESTS SHALL BE TAKEN ON EACH LIFT (MAXIMUM 8" LOOSE DEPTH IN STRUCTURAL FILLS AND 12" MAXIMUM LOOSE DEPTH IN NON STRUCTURAL FILLS) OF FILL PLACED.

TESTING: THE CONTRACTOR SHALL HIRE A MATERIAL TESTING LAB TO PERFORM MATERIALS TESTING OR OBSERVED TESTING (FOR ROCK FILL) AND PROVIDE THE TESTING RESULTS TO THE ENGINEER FOR APPROVAL.

REVISIONS

FILENAME

BY

DATE

NO.

1

3-19-07

CRF

INCLUDED H.C. STALLS, GRADING REVISED IN VICINITY OF H.C. STALLS.

ORIGINAL DRAWING

4022 EAGLE COURT
LEWISVILLE, MO 64071
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NACLINE
ENGINEERING & DRAFTING
"an affordable alternative"

HILLCREST AIRCRAFT
HANGER PROJECT 2007

GRADING PLAN

DRAWN BY: CRF

DESIGNED BY: CRF

SCALE: 1" = 30'

DATE: 3/19/07

PROJECT NO: 00071

SHEET C3 OF 11

CHECKED BY: CRF

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.