

FINAL WATER AND SEWER ENGINEERING REPORT FORMAT

(If you will be installing the Water Distribution System and Sanitary Sewer prior to the subdivision receiving final approval.)

WATER SUPPLY: DESCRIPTION, COST, AND OPERABILITY DATE:

GEO ACRES NO.2 SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY NORTH EVEREST WATER SUPPLY CORPORATION (N.E.W.S.C.). THE SUBDIVIDER AND N.E.W.S.C. HAVE ENTERED INTO A CONTRACT IN WHICH N.E.W.S.C. HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND N.E.W.S.C HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION.

N.E.W.S.C. HAS AN EXISTING 6" DIAMETER WATER LINE RUNNING ALONG THE EAST SIDE OF THE RIGHT-OF-WAY OF MILE 8 WEST ROAD AND AN EXISTING 8" DIAMETER WATER LINE RUNNING ALONG THE SOUTH SIDE OF THE RIGHT-OF-WAY OF FM 1981 (HOYLE RD). THE WATER SYSTEM FOR GEO ACRES NO.2 SUBDIVISION CONSISTS OF A 6" DIAMETER WATER LINE THAT TAPS INTO THE EXISTING 6" LINE. THIS 6" LINE THEN RUNS EAST ALONG THE SOUTH SIDE OF SOL AVE. RIGHT-OF-WAY ENDING WITH A FLUSH VALVE ON THE NORTH EAST CORNER OF LOT 14. ANOTHER 6" LINE RUNS SOUTH ALONG THE WEST SIDE OF LUNA AVE. RIGHT-OF-WAY TAPPING INTO THE EXISTING 8" LINE ON THE SOUTH SIDE OF FM 1981 (HOYLE RD.). ANOTHER 6" LINE TAPS INTO THE 6" WATER LINE ALONG THE WEST SIDE OF THE RIGHT-OF-WAY OF LUNA AVE RUNNING WEST ALONG THE SOUTH SIDE OF MAR AVE, THEN TURNING SOUTH ALONG THE EAST SIDE OF ECLIPSE AVE., AND THEN TURNING EAST ON THE NORTH SIDE OF TIERRA AVE. TAPPING TO THE 6" LINE ON WEST SIDE OF LUNA AVE RIGHT-OF-WAY.

WATER DISTRIBUTION FOR THE GEO ACRES No. 2 CONSISTS OF THIRTY -1" DIAMETER DUAL SERVICE LINES RUN TO PAIRS OF LOTS BEFORE SPLITTING INTO 3/4" DIAMETER SERVICE LINES AND FIVE -3/4" DIAMETER SINGLE SERVICE LINES. SAID SERVICES TERMINATE AT THE WATER METER BOXES FOR EACH LOT. THE 6" LINE, THE DUAL SERVICES AND 3/4" SINGLE SERVICES, AND THE METER BOXES HAVE ALREADY BEEN INSTALLED, AT A TOTAL COST OF **\$57,870.00**, OR **\$890.31** PER LOT. IN ADDITION, THE SUBDIVIDER HAS PAID N.E.W.S.C. THE SUM OF **\$25,780.00**, WHICH COVERS THE **\$396.62** COST PER LOT AS STATED IN THE 30 YEAR WATER SERVICE AGREEMENT WHICH SUM REPRESENTS THE TOTAL COST OF WATER METER, RIGHTS ACQUISITION FEES, AND ALL MEMBERSHIP OR OTHER FEES ASSOCIATED WITH CONNECTING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO N.E.W.S.C. UPON REQUEST BY THE LOT OWNER, N.E.W.S.C. WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. THE SUBDIVIDER HAS INSTALLED 5 FIRE HYDRANTS AT A UNIT COST OF **\$1,500.00** FOR A TOTAL COST OF **\$7,500.00**. THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY N.E.W.S.C. AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THE PLAT

WASTEWATER SUPPLY: DESCRIPTION, COST, AND OPERABILITY DATE:

GEO ACRES NO. 2 SUBDIVISION WILL BE TREATED BY WASTEWATER SERVICE FROM NORTH EVEREST WATER SUPPLY CORPORATION (N.E.W.S.C.). THE SUBDIVIDER AND N.E.W.S.C. HAVE ENTERED INTO A CONTRACT IN WHICH N.E.W.S.C. HAS PROMISED TO TREAT THE SUFFICIENT WASTEWATER FOR AT LEAST 30 YEARS AND N.E.W.S.C. HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WASTEWATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION.

N.E.W.S.C. HAS AN EXISTING 12" DIAMETER SEWER LINE RUNNING ALONG THE WEST SIDE OF THE RIGHT-OF-WAY OF MILE 8 WEST ROAD AND AN EXISTING 24" DIAMETER SEWER LINE RUNNING ALONG THE NORTH SIDE OF THE RIGHT-OF-WAY OF FM 1981 (HOYLE RD).

THE WASTEWATER SYSTEM FOR GEO ACRES NO.2 SUBDIVISION CONSISTS OF AN 8" DIAMETER SEWER LINE THAT TAPS INTO THE EXISTING 12" LINE. THIS 6" LINE THEN RUNS EAST ALONG THE NORTH SIDE OF SOL AVE. RIGHT-OF-WAY ENDING WITH A 48" SANITARY SEWER MANHOLE ON THE SOUTH EAST CORNER OF LOT 13. ANOTHER 8" LINE CONNECTING TO THE 8" SEWER LINE ON SOL AVE WILL RUN SOUTH ALONG THE EAST SIDE OF LUNA AVE. RIGHT-OF-WAY TAPPING WITH A 48" MANHOLE TO THE EXISTING 24" LINE ON THE NORTH SIDE OF FM 1981 (HOYLE RD.). ANOTHER 8" LINE TAPS INTO THE 8" SEWER LINE ALONG THE EAST SIDE OF THE RIGHT-OF-WAY OF LUNA AVE RUNNING WEST ALONG THE NORTH SIDE OF MAR AVE, THEN TURNING SOUTH ALONG THE WEST SIDE OF ECLIPSE AVE., AND THEN TURNING EAST ON THE SOUTH SIDE OF TIERRA AVE. TAPPING TO THE 8" LINE ON EAST SIDE OF LUNA AVE RIGHT-OF-WAY. FROM THE 8" LINE, SIXTY FIVE (65) 4" DIAMETER SEWER SERVICE LINES RUN FOR EACH LOT.

THE 8" LINE, 4" SERVICE LINE AND EIGHT (8) 48" SANITARY SEWER MANHOLES HAVE BE INSTALLED, AT A TOTAL COST OF **\$325,772.75** OR **\$5,011.88** PER LOT. IN ADDITION, THE SUBDIVIDER HAS PAID N.E.W.S.C. THE SUM OF **\$37,785.65** WHICH COVERS THE **\$581.31** PER LOT AS STATED IN THE 30 YEAR WASTE WATER SERVICE AGREEMENT WHICH SUM REPRESENTS THE TOTAL COST OF THE SERVICES AND ACQUISITION FEES, AND ALL MEMBERSHIP OR OTHER FEES ASSOCIATED WITH CONNECTING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO N.E.W.S.C. THE ENTIRE WASTE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY N.E.W.S.C. AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THE PLAT.

ENGINEER CERTIFICATION:

BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, WATER CODE. I CERTIFY THAT THE COSTS TO INSTALL WATER AND SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:

WATER FACILITIES - THESE FACILITIES FULLY CONSTRUCTED, WITH THE INSTALLATION OF WATER METERS, WILL COST A GRAND TOTAL OF **\$83,650.00** WHICH EQUALS TO **\$1,327.77** PER LOT.

SEWAGE FACILITIES - THESE FACILITIES FULLY CONSTRUCTED WILL COST A GRAND TOTAL OF **\$363,558.40** WHICH EQUALS TO **\$5,593.21** PER LOT.

ENGINEER'S SIGNATURE DATE

