

FINAL WATER AND SEWER ENGINEERING REPORT FORMAT

(If you will be utilizing a Letter of Credit for the Water Distribution System and Sanitary Sewer Collection System 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 INTO THE 6" LINE ON THE WEST SIDE OF LUNA AVE RIGHT-OF-WAY.

THE WATER DISTRIBUTION SYSTEM FOR GEO ACRES No. 2 CONSISTS OF THIRTY -1" DIAMETER DUAL SERVICE LINES WHICH RUN TO PAIRS OF LOTS BEFORE SPLITTING INTO ¾" DIAMETER SERVICE LINES AND FIVE ¾" DIAMETER SINGLE SERVICE LINES. SAID SERVICES TERMINATE AT THE WATER METER BOX FOR EACH LOT. THE SUBDIVIDER WILL INSTALL 5 FIRE HYDRANTS AT A UNIT COST OF \$1,500.00 FOR A TOTAL COST OF \$7,500.00. THE SUBDIVIDER WILL POST A LETTER OF CREDIT WITH THE FILING OF THIS PLAT WITH HIDALGO COUNTY IN THE AMOUNT OF \$57,870.00 TO COVER THE COST FOR THE AFOREMENTIONED WATER DISTRIBUTION SYSTEM. IN ADDITION, THE SUBDIVIDER HAS PAID N.E.W.S.C. THE SUM OF \$_____OR \$____ PER LOT AS STATED IN THE 30 YEAR WATER SERVICE AGREEMENT WHICH SUM REPRESENTS THE TOTAL COST OF WATER METERS, WATER RIGHTS, ACQUISITION FEES, AND ALL MEMBERSHIP OR OTHER FEES ASSOCIATED WITH CONNECTING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO N.E.W.S.C. AFTER THE INSTALLATION OF THE WATER DISTRIBUTION SYSTEM AND UPON REQUEST BY THE LOT OWNER, N.E.W.S.C. WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. IF THE WATER DISTRIBUTION SYSTEM HAS NOT BEEN FULLY CONSTRUCTED AND ACCEPTED BY N.E.W.S.C., AS OF (60 DAYS BEFORE LETTER OF CREDIT EXPIRATION DATE) THEN THE SUBDIVIDER SHALL RENEW HIS/HER LETTER OF CREDIT WITH THE COUNTY. IF THE DEVELOPER FAILS TO RENEW HIS/HER LETTER OF CREDIT OR COMPLETE THE INSTALLATION OF THE WATER DISTRIBUTION SYSTEM BY THE AFOREMENTIONED DATES, THEN THE COUNTY IN ACCORDANCE WITH THE EXECUTED SUBDIVISION CONSTRUCTION AGREEMENT WILL INITIATE THE DRAW DOWN OF THE LETTER OF CREDIT TO CONSTRUCT THE WATER DISTRIBUTION SYSTEM. THE ENTIRE WATER FACILITIES WILL BE OPERABLE ON OR BEFORE (LETTER OF CREDIT EXPIRATION DATE) UNLESS THE SUBDIVIDER RENEWS HIS/HER LETTER OF CREDIT FOR AN ADDITIONAL TIME PERIOD AS APPROVED BY THE COUNTY OF HIDALGO. NO FINAL LIGHT AND WATER CLEARANCES WILL BE ISSUED UNTIL THE ENTIRE WATER DISTRIBUTION SYSTEM IS OPERATIONAL AND HAS BEEN ACCEPTED BY N.E.W.S.C.

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 PROVIDE 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 WILL BE INSTALLED, AT A TOTAL COST OF \$325,772.75 OR \$5,011.88 PER LOT. THE SUBDIVIDER WILL POST A LETTER OF CREDIT WITH THE FILING OF THIS PLAT WITH HIDALGO COUNTY IN THE AMOUNT OF \$325,772.75 TO COVER THE COST FOR THE AFOREMENTIONED WASTE WATER DISTRIBUTION SYSTEM. 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. AFTER THE INSTALLATION OF THE WASTE WATER DISTRIBUTION SYSTEM AND UPON REQUEST BY THE LOT OWNER, N.E.W.S.C. WILL PROMPTLY ALLOW CONNECTION AT NO CHARGE TO THE SEWER SERVICE FOR THAT LOT. IF THE WASTE WATER DISTRIBUTION SYSTEM HAS NOT BEEN FULLY CONSTRUCTED AND ACCEPTED BY N.E.W.S.C. AS OF (60 DAYS BEFORE LETTER OF CREDIT EXPIRATION DATE) THEN THE SUBDIVIDER SHALL RENEW HIS/HER LETTER OF CREDIT WITH THE COUNTY. IF THE DEVELOPER FAILS TO RENEW HIS/HER LETTER OF CREDIT OR COMPLETE THE INSTALLATION OF THE WASTE WATER DISTRIBUTION SYSTEM BY THE AFOREMENTIONED DATES, THEN THE COUNTY IN ACCORDANCE WITH THE EXECUTED SUBDIVIDER CONSTRUCTION AGREEMENT WILL INITIATE THE DRAW DOWN OF THE LETTER OF CREDIT TO CONSTRUCT THE WASTE WATER DISTRIBUTION SYSTEM. THE ENTIRE WASTE WATER FACILITIES WILL BE OPERABLE ON OR BEFORE (LETTER OF CREDIT EXPIRATION DATE). UNLESS THE SUBDIVIDER RENEWS HIS/HER LETTER OF CREDIT FOR AN ADDITIONAL TIME PERIOD AS APPROVED BY THE COUNTY OF HIDALGO. NO FINAL LIGHT AND WATER CLEARANCES WILL BE ISSUED UNTIL THE ENTIRE WASTE WATER DISTRIBUTION SYSTEM IS OPERATIONAL AND HAS BEEN ACCEPTED BY N.E.W.S.C. AN INSPECTION REPORT FROM N.E.W.S.C. SHALL BE REQUIRED FOR THE CONNECTION OF ANY STRUCTURE TO THE SERVICE LINE PRIOR TO THE COUNTY ISSUING A FINAL LIGHT AND WATER CLEARANCE FOR THE LOT.

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 ESTIMATED 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 \$363,531.40 WHICH EQUALS TO \$5,592.79 PER LOT.

ENGINEER'S SIGNATURE

DATE

