

93.00' FROM

FINAL GRADING NOTES

- 1. ALL GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE CITY INSPECTOR AND/OR GEOTECHNICAL ENGINEER.
- 2. FOR EXCAVATION, FILL, BACKFILL, AND COMPACTION, THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS AS INDICATED WITHIN THE GEOTECHNICAL REPORT
- 3. NO GRADING WORK SHALL BE PERFORMED AT ANY TIME WITHOUT AN EROSION CONTROL SYSTEM APPROVED BY THE DISTRICT ENGINEER AND JURISDICTIONAL AGENCY. ANY GRADING WORK SHALL BE PERFORMED WITH AN EROSION CONTROL SYSTEM APPROVED BY THE DISTRICT ENGINEER AND THE JURISDICTIONAL AGENCIES. EROSION CONTROL PLAN SHALL BE PROVIDED BY THE CONTRACTOR
- 4. CONTRACTOR SHALL PROVIDE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION AND SEDIMENTATION CONTROL FOR REVIEW AND APPROVAL BY THE JURISDICTIONAL AGENCIES. USE RECOMMENDATIONS BY THE BEST MANAGEMENT PRACTICES (BMP'S) TO IMPLEMENT CONTROL. USE MINIMUM OF TWO STACKED SANDBAGS AROUND THE PERIPHERY OF THE WORK LIMITS TO AUGMENT THE SYSTEM REQUIRED BY THE AGENCIES HAVING JURISDICTION OVER THE PROJECT.
- 5. CONSTRUCT DESIGN GRADES SHOWN ON PLAN. CONSTRUCT STRAIGHT GRADES BETWEEN INDICATED ELEVATIONS UNLESS INTERRUPTED BY A GRADE CHANGE LINE.
- 6. THE CONTRACTOR SHALL NOT BEGIN THE PAVING OPERATION UNTIL THE SUBGRADE HAS BEEN APPROVED BY THE GRADING INSPECTOR AND SOIL ENGINEER.
- 7. THE CONTRACTOR IS ADVISED THAT THE APPROVAL OF THIS PLAN DOES NOT WAIVE THE REQUIREMENTS FOR EXCAVATIONS CONTAINED IN THE STATE CONSTRUCTION SAFETY ORDERS ENFORCED BY THE STATE DIVISION OF INDUSTRIAL SAFETY.
- 8. NO FILL TO BE PLACED, UNTIL THE GEOTECHNICAL ENGINEER AND INSPECTOR HAVE INSPECTED AND APPROVED THE BOTTOM OF EXCAVATION.
- 9. ALL FILL OR BACK FILL SHALL BE COMPACTED IN 6" TO 8" LOOSE LAYERS BY MECHANICAL MEANS TO A MINIMUM 90% RELATIVE COMPACTION AS DETERMINED BY THE ASTM D-1557. THE TOP 12" OF FILL OR BACKFILL SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION.
- 10. ALL IMPORTED FILL SHALL BE APPROVED AT THE SOURCE PRIOR TO DELIVERY TO THE SITE.
- 11. SEE ARCHITECTURAL PLAN FOR TOP OF WALL ELEVATION AND SECTION.

ESTIMATED EARTHWORK QUANTITY

ESTIMATED CUT ESTIMATED FILL = 50 CY NET EXPORT = 1150 CY

POOL OVEREXCAVATION& = 375 CY

RECOMPACTION

NOTES

- 1. THE ESTIMATED QUANTITIES PROVIDED ABOVE ARE FOR REFERENCE ONLY TO BE USED FOR JURISDICTIONAL PLAN CHECKING AND PERMITTING PURPOSES ONLY.
- 2. ESTIMATED EARTHWORK ABOVE IS BASED ON DESIGN FINISH GRADES TO EXISTING GRADES IN SURVEY. THE ESTIMATED EARTHWORK DOES NOT CONSIDER THE THICKNESS OF EACH PAVEMENT MATERIAL, FOUNDATION AND SLAB ON GRADE VOLUMES. THE REMOVAL OF ANY UNSUITABLE MATERIAL, AND THE REMOVAL OF EXISTING BASEMENTS. PITS, VAULTS, TOP SOIL OR VEGETATION.
- 3. THE ESTIMATED EARTHWORK QUANTITIES DO NOT INCLUDE SHRINKAGE FACTORS DUE TO COMPACTION OR ANY OVER EXCAVATION QUANTITIES.
- 4. THE CONTRACTOR SHALL CALCULATE HIS OWN EARTHWORK QUANTITIES NECESSARY FOR HIS BID AND WORK. VCA IS NOT RESPONSIBLE AND LIABLE FOR THE CONTRACTOR'S EARTHWORK CALCULATIONS.
- 5. ESTIMATED EARTHWORK QUANTITIES ABOVE ASSUME THAT ALL ON-SITE MATERIALS ARE SUITABLE FOR BACKFILLING. HOWEVER, ACTUAL EXISTING ON-SITE MATERIALS AND IMPORTED MATERIALS MUST FIRST BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION, REMOVAL, OR REPLACEMENT.
- 6. THE ESTIMATED QUANTITIES WERE CALCULATED AND LIMITED ON ON-SITE AREA ONLY.

GRADING LEGEND

EXISTING GRADE CONTOUR -------------------------(150.00) -----EXISTING GRADE ELEVATION -----(150.00) 150.00

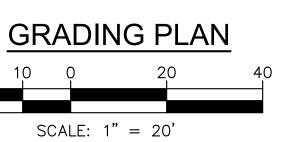


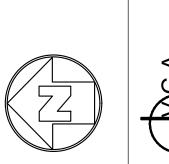


This set of plans and specifications must be at the jobsite during construction Stormwater Observation Report (SOR) is required prior to issuance of

Certificate of Occupancy or final sign off.

A. Eltawil _{Date:} 08/06/2020 Department of Public Works - Bureau of Sanitation Watershed Protection Division







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