

SECTION 31 22 00

SITE GRADING

PART 1 GENERAL

1.1 RELATED SECTIONS

- A. Section 31 23 00, Excavation and Backfill.

1.2 WORK BY OTHERS

- A. All grading at artificial turf system is being performed by others via vendor contract.

PART 2 PRODUCTS

NOT USED

PART 3 EXECUTION

3.1 GENERAL

- A. Do all cutting, filling, compacting, and rough (finish) grading required to bring entire project area within the limits of construction shown to indicated grades.
- B. Subgrades should be consistent with finish grades shown, allowing for a uniform layer of topsoil, properly graded to drain away from the building. Provide smooth ditches or swales as shown to carry water away from the project area without standing.
- C. Contractor shall be responsible for setting all grades and slope stakes; and locating all buildings, drives, parking areas, walks and other site items as shown on drawings. Must account for alignment with existing conditions when applicable.
- D. Control grading operations to prevent water from running into excavated areas.

3.2 ENVIRONMENTAL REQUIREMENTS

- A. Construct temporary erosion control systems as shown on Construction Drawings or as directed by "Storm Water Pollution Prevention Plan" (SWPPP) to protect adjacent properties and water resources from erosion and sedimentation.
- B. In event that site work on this project will disturb 5 or more acres, Contractor shall not begin construction without posting on site the "National Pollution Discharge Elimination System" (NPDES) permit governing discharge of storm water from site for entire construction period. NPDES permit requires SWPPP to be in place during construction.

- C. Contractor shall be totally responsible for conducting storm water management practices in accordance with NPDES permit and for enforcement action taken or imposed by Federal or State agencies, including cost of fines, construction delays, and remedial actions resulting from Contractor's failure to comply with provisions of NPDES permit.
- D. All grading operations are operations that are to be in strict compliance with the provisions of the Arkansas Water and Air Pollution Control Act Act 472 of 1949 as amended, AR Ann. 8-4-101 et seq.), and the Federal Clean Water Act 33 U.S.C. 1251 et. seq. Contractor shall be responsible for submitting application to state authority and obtaining permits.
- E. It shall be the Contractor's responsibility to comply with current OSHA and other local, state, and federal requirements for all excavation and fill operations, and other areas of the work.
- F. Contractor to keep dust on site to a minimum the entire duration of construction by means of regular watering. This will include dust created by grading operations, vehicular traffic, and wind.

END OF SECTION