GENERAL NOTES:

– ALL PIPE DESIGNATED FOR CCTV & CLEANING SHOW APPROXIMATE LENGTHS. ACTUAL LENGTH SHALL BE DETERMINED IN FIELD.

KEYED NOTES:

(1) CLEAN, INSPECT, AND INSTALL INFLOW PROTECTION INSERT.

(2) INSTALL WATERTIGHT PLUG AND/OR CAP TO EXISTING CLEAN OUT.

ALTERNATE BID ITEMS (CONTINGENT ON AWARD):

A.1 MANHOLE RING AND COVER ADJUSTMENT:
THIS ITEM SHALL APPLY ONLY TO SANITARY MANHOLES LOCATED IN A NON–PAVED AREAS WITH COVERS FOUND TO BE FLUSH WITH NATURAL GROUND. THESE MANHOLES SHALL BE ADJUSTED ABOVE NATURAL GROUND NO MORE THAN 6–INCHES AND DONE SO USING CONCRETE ADJUSTMENT RINGS. NO OTHERS MEANS OF ADJUSTMENT WILL BE PERMITTED UNDER THIS ITEM WITHOUT APPROVAL OF THE OWNER AND/OR ENGINEER. IF THIS WORK IS PERFORMED, ADJUSTMENTS SHALL BE DONE PRIOR TO ANY CLEANING, INSPECTIONS OR THE INSTALLATION INFLOW PROTECTION DEVICES.

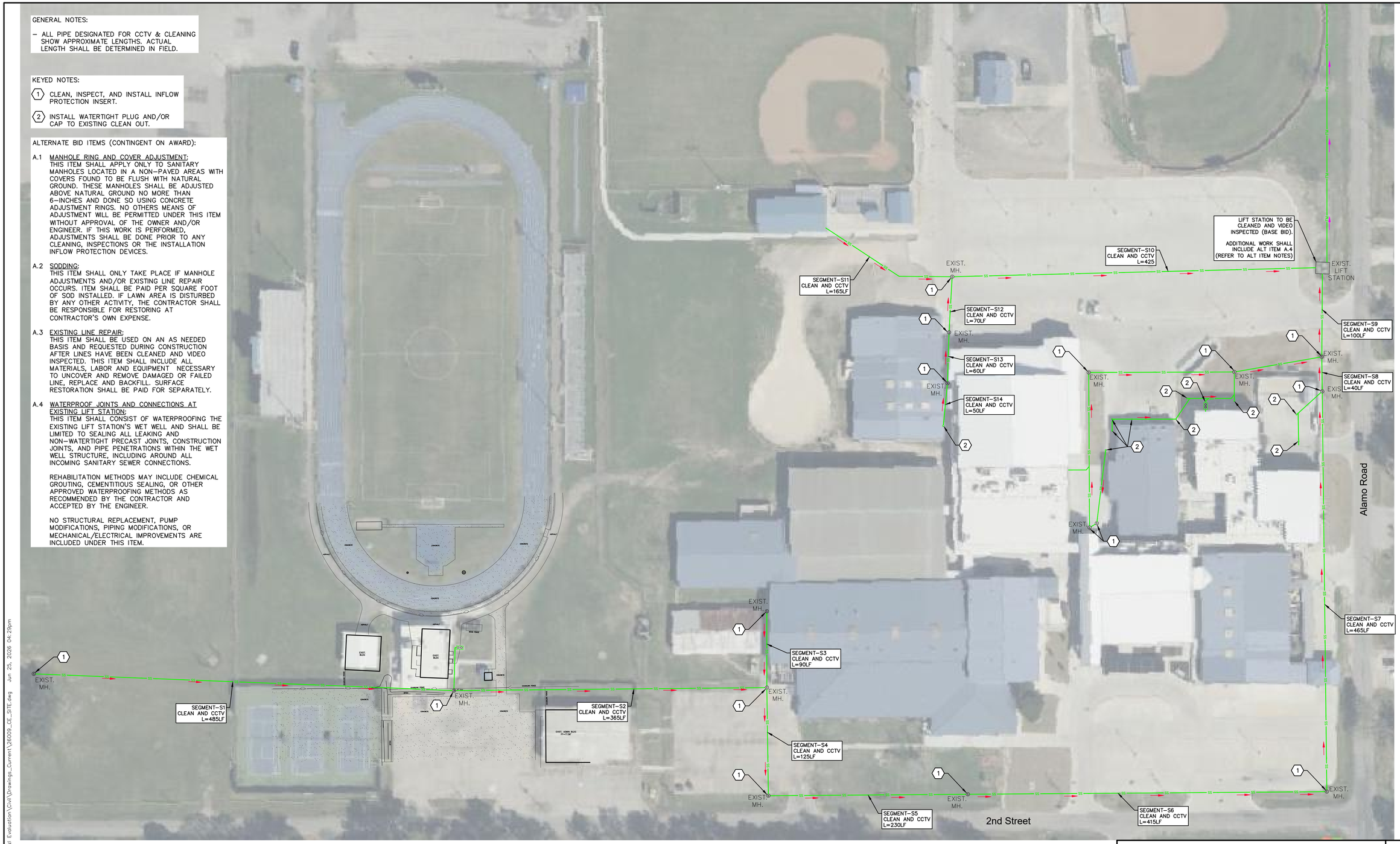
A.2 SODDING:
THIS ITEM SHALL ONLY TAKE PLACE IF MANHOLE ADJUSTMENTS AND/OR EXISTING LINE REPAIR OCCURS. ITEM SHALL BE PAID PER SQUARE FOOT OF SOD INSTALLED. IF LAWN AREA IS DISTURBED BY ANY OTHER ACTIVITY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING AT CONTRACTOR'S OWN EXPENSE.

A.3 EXISTING LINE REPAIR:
THIS ITEM SHALL BE USED ON AN AS NEEDED BASIS AND REQUESTED DURING CONSTRUCTION AFTER LINES HAVE BEEN CLEANED AND VIDEO INSPECTED. THIS ITEM SHALL INCLUDE ALL MATERIALS, LABOR AND EQUIPMENT NECESSARY TO UNCOVER AND REMOVE DAMAGED OR FAILED LINE, REPLACE AND BACKFILL. SURFACE RESTORATION SHALL BE PAID FOR SEPARATELY.

A.4 WATERPROOF JOINTS AND CONNECTIONS AT EXISTING LIFT STATION:
THIS ITEM SHALL CONSIST OF WATERPROOFING THE EXISTING LIFT STATION'S WET WELL AND SHALL BE LIMITED TO SEALING ALL LEAKING AND NON–WATERTIGHT PRECAST JOINTS, CONSTRUCTION JOINTS, AND PIPE PENETRATIONS WITHIN THE WET WELL STRUCTURE, INCLUDING AROUND ALL INCOMING SANITARY SEWER CONNECTIONS.

REHABILITATION METHODS MAY INCLUDE CHEMICAL GROUTING, CEMENTITIOUS SEALING, OR OTHER APPROVED WATERPROOFING METHODS AS RECOMMENDED BY THE CONTRACTOR AND ACCEPTED BY THE ENGINEER.

NO STRUCTURAL REPLACEMENT, PUMP MODIFICATIONS, PIPING MODIFICATIONS, OR MECHANICAL/ELECTRICAL IMPROVEMENTS ARE INCLUDED UNDER THIS ITEM.



HFISD High School Campus Sanitary Sewer Rehabilitation Phase 1 Improvement Plan

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