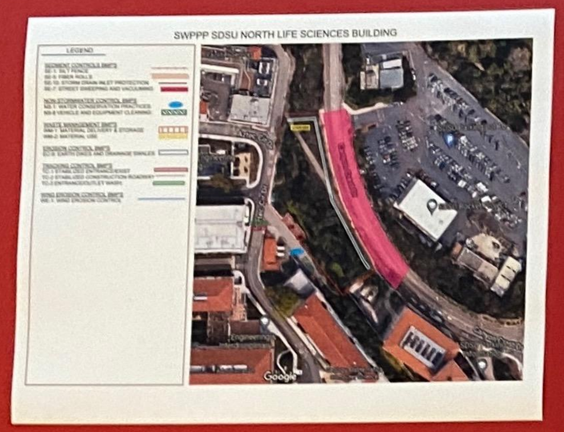


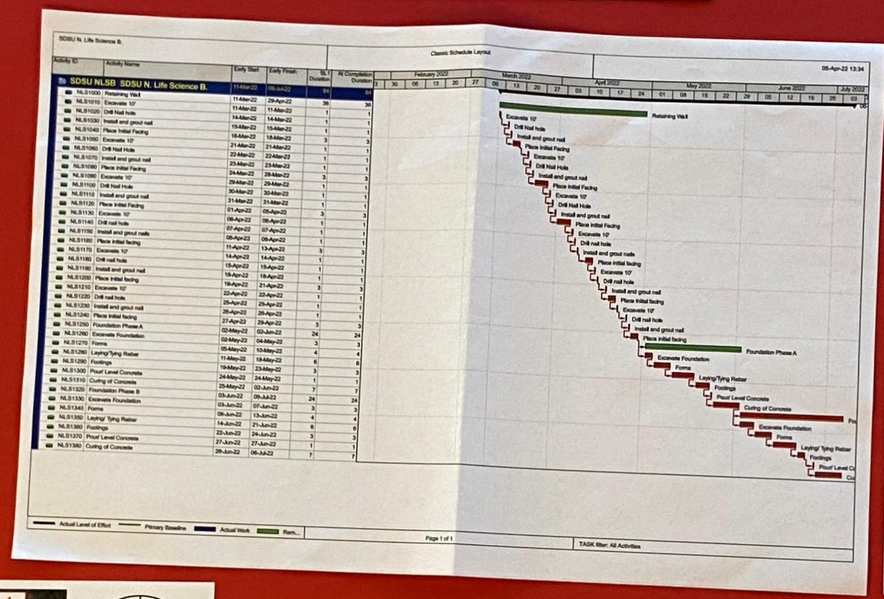
Team 3: "The A-Team Inc."

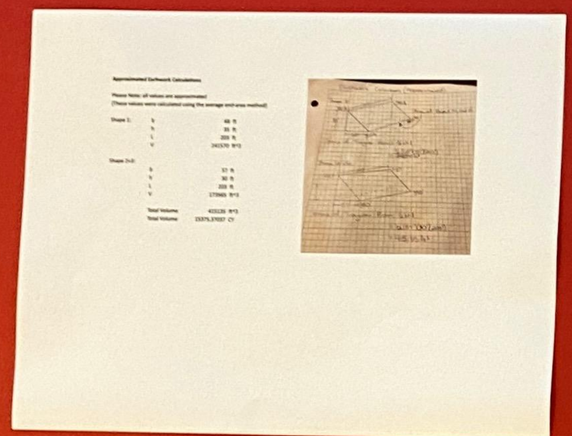
Project Name:
SDSU North Life Science Building

Team members:

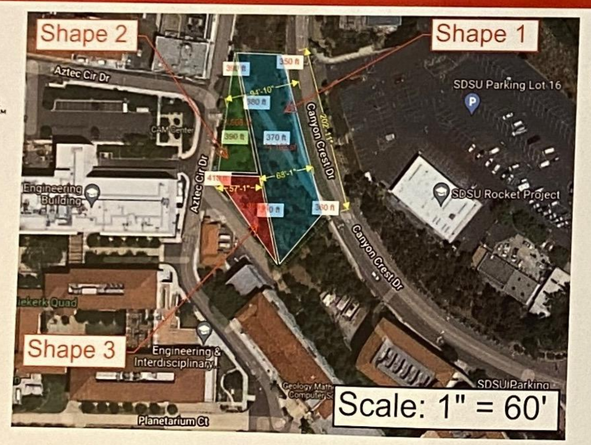
Project:	SDSU North Life Sciences
Engineer/Contractor:	The A-Team
Location:	5500 Campanile Dr.
Date:	5/16/2022

Item	Material Quantity	Material Units	Material Unit Price	Material Total Cost	Labor Quantity (hrs)	Labor Units	Labor Unit Price Labor ($) (Based on 160 hr work month)	Labor Total Labor Cost ($)	Total Cost Per Activity ($)	Comments
Construction Activities										
Earthwork - Cut	15500	CY	2.25	34,875.00						
Trucking	868.75	trips	19.822	19,202.56	1	months	4000	20,000.00	54,875.00	Please see Earthwork Quantity Calculations
Dumping	868.75	loads	75	72,656.25	5	months	4000	20,000.00	92,656.25	Please see Trucking Calculations
									72,656.25	https://www.sandiegoenvironmental.services/cleanup-cost/
- Soil Nail Wall Concrete	348.64(1973.5)	CY	117	40,781.11						
Foundation + Building Wall Concrete	3092.4(4196.5)	CY	117	360,846.11	1	months	4160	20,800.00	61,581.11	
Structural Steel	250	tons	809.53	211,151.60	1	months	3472	3,472.00	364,118.11	
Rebar	67218.5	lbs/ft	400	10,887,240.00	2	months	2340	13,440.00	224,472.00	
							4000	8,000.00	10,895,240.00	
General Conditions										
Estimator				-				-		
Project Engineer				-	1	months	8000	8,000.00	8,000.00	
Project Manager				-	24	months	7000	168,000.00	168,000.00	
Safety Consultant				-	24	months	8000	225,600.00	225,600.00	
Superintendent				-	24	months	8000	192,000.00	192,000.00	
Trailer	24	months	350	12,000.00	24	months	8000	220,800.00	220,800.00	
Site Fence	24	months	225	5,400.00				-	12,000.00	
Outhouses	24	months	350	2,400.00				-	5,400.00	
Subtotal									2,400.00	
									20,521,115.09	
							Contingency	2.00%	410421.5018	
							Insurance	1.25%	256513.4386	
							Contractor's Fee	3.00%	615633.4526	
							Subcontractors Bond	1.00%	205211.1509	
							Grand Total		22,008,895.87	



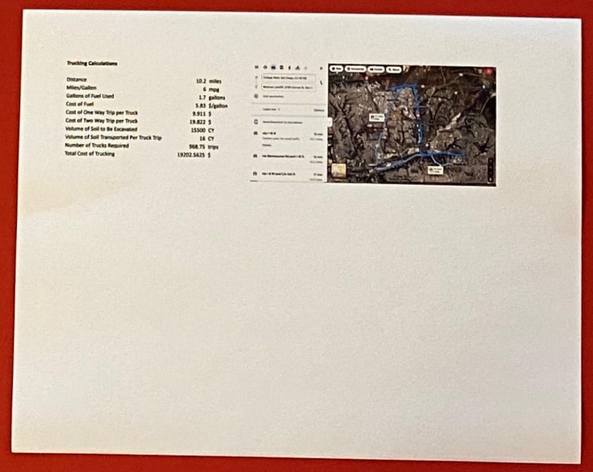


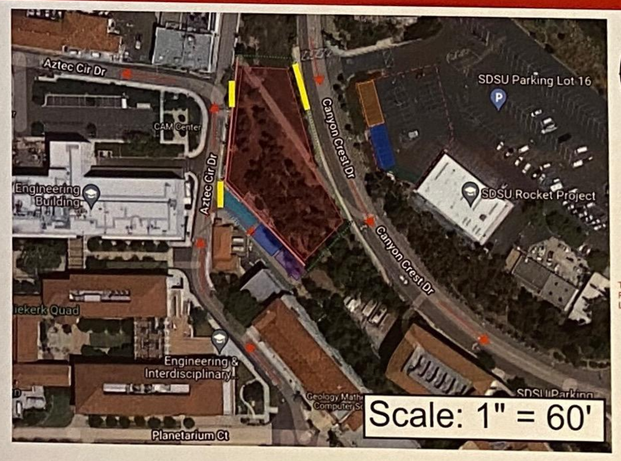
Site Logistics Plan Phase 1:
Excavation and Retaining Wall



Earthwork Quantities Takeoff

(All point elevations have been approximated
to the nearest 10 ft using an elevation sensor)





Site Logistics Plan Phase 2:
Construction of Structure