

**FIRST AMENDMENT
TO
CITY OF SAN DIEGO
USE AND OCCUPANCY PERMIT – FOUR
(Damon Street)**

THIS FIRST AMENDMENT TO CITY OF SAN DIEGO USE AND OCCUPANCY PERMIT - FOUR ("First Amendment") is entered into by and between THE CITY OF SAN DIEGO, a California municipal corporation ("CITY"), and the San Diego Association of Governments ("SANDAG"), a California public agency ("PERMITTEE"), to be effective as of June 5, 2018 (the "Amendment Effective Date"), and when signed by the parties and approved by the San Diego City Attorney.

RECITALS

- A. CITY and PERMITTEE entered into that certain City of San Diego Use and Occupancy Permit – Four effective as of June 1, 2017 (the "Permit"), on file with the Real Estate Assets Department of CITY; and
- B. CITY and PERMITTEE have agreed to temporarily modify certain terms of the Permit; and
- C. Unless otherwise defined herein, capitalized terms as used in this First Amendment shall have the same meanings as in the Permit.

AGREEMENT

NOW THEREFORE, the Parties agree to amend the Permit as follows:

- 1. Subsection ii. of Subsection d. of Section 1 of the Permit is deleted in its entirety and replaced with the following:
 - “ii. PERMITTEE shall be allowed to perform batching of lightweight concrete fill within the Permit Area commencing on the date set forth in the written notification by the PERMITTEE to the CITY that the batching will commence (“Temporary Use Commencement Date”), but in no event earlier than the date said written notice is received by CITY, and shall terminate three months after the Temporary Use Commencement Date (“Temporary Use Termination Date”). After the Temporary Use Termination Date, PERMITTEE shall not perform or allow the mixing of concrete to be performed within the Permit Area.

PERMITTEE shall coordinate with CITY’s Transportation and Storm Water Department (“TSW”) for placement and use of PERMITTEE’s equipment in the Permit Area so as not to interfere, inhibit or create a safety hazard while TSW replaces the pumps and electrical equipment for Interceptor Pump Station No. 1 (“STATION”) or other work which would be considered routine maintenance for the STATION within the Permit Area. TSW’s use of the Permit Area shall take priority over PERMITTEE’s use of the

Permit Area, even if PERMITTEE is excluded from the Permit Area in order for TSW to perform work on the Permit Area.”

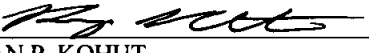
2. All other terms and conditions of the Permit remain unchanged and shall remain in full force and effect, and if there are any conflicts between the Permit and this First Amendment, said conflicts shall be resolved in favor of the terms and conditions of this First Amendment.
3. Each individual executing this First Amendment on behalf of another person or legal entity represents and warrants that they are authorized to execute and deliver this First Amendment on behalf of such person or entity in accordance with duly adopted resolutions or other authorizing actions which are necessary and proper and under such legal entity's articles, charter, bylaws, or other written rules of conduct or governing agreement, and that this First Amendment is binding upon such person or entity in accordance with its terms. Each person executing this First Amendment on behalf of another person or legal entity represents and warrants such entity is a valid, qualified corporation, Limited Liability Company, partnership, or other unincorporated association in good standing in its home state and that such entity is qualified to do business in California.

[The remainder of this page is intentionally left blank.]

IN WITNESS WHEREOF, this FIRST AMENDMENT TO USE AND OCCUPANCY PERMIT
- FOUR is executed to be effective as of the Amendment Effective Date.

Approved as to form:

The San Diego Association of Governments ("SANDAG")
a California public agency

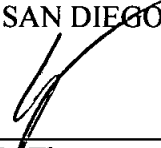
By: 
RYAN P. KOHUT
SANDAG Senior Legal Counsel

BY: 

Name: Kimi Kawada

Title: _____

THE CITY OF SAN DIEGO, a California municipal
corporation

BY: 

Cybele L. Thompson
Director, Real Estate Assets

Approved:

BY: _____

Kris McFadden
Director, Transportation & Storm Water

Approved as to form:

MARA W. ELLIOTT, City Attorney

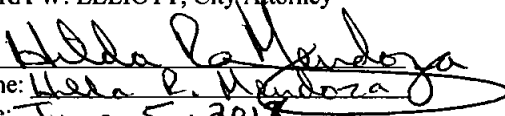
By: 
Name: Hilda P. Mendoza
Date: June 5, 2018
Deputy City Attorney

Exhibit A: MCTC Stormwater Pollution Prevention Plan Amendment No. 20
Exhibit B: Cell Crete Equipment Staging Plan

IN WITNESS WHEREOF, this FIRST AMENDMENT TO USE AND OCCUPANCY PERMIT
- FOUR is executed to be effective as of the Amendment Effective Date.

Approved as to form:

The San Diego Association of Governments ("SANDAG")
a California public agency

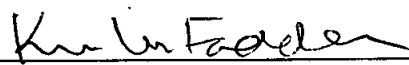
By: 
RYAN P. KOHUT
SANDAG Senior Legal Counsel

BY: 
Name: Kim Kawada
Title: _____

THE CITY OF SAN DIEGO, a California municipal
corporation

BY: 
Cybele L. Thompson
Director, Real Estate Assets

Approved:

BY: 
Kris McFadden
Director, Transportation & Storm Water

Approved as to form:

MARA W. ELLIOTT, City Attorney

By: _____
Name: _____
Date: _____
Deputy City Attorney

Exhibit A: MCTC Stormwater Pollution Prevention Plan Amendment No. 20
Exhibit B: Cell Crete Equipment Staging Plan

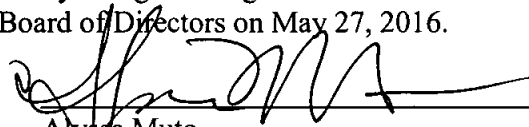
Environmental Analysis Section Environmental Clearance:

This First Amendment to Use & Occupancy Permit with SANDAG to allow access to City-owned property for the sole exclusive use of the Permit Area for construction and staging areas and other improvements associated with the Project is covered by the following certified environmental document:

Rose Creek Bikeway Project Final Initial Study/Mitigated Negative Declaration SCH# 2015121045. Adopted by the SANDAG Board of Directors on May 27, 2016.

Date: 5-21-18

BY:



Alyssa Muto

Deputy Director, Environmental & Policy Analysis
Planning Department

SWPPP Amendment No. 20

Project Name: **Rail Projects within the LOSSAN and Mid-Coast Corridors including:** Elvira to Morena Double Track Project, CP Rose, Bridge 257.2 Bridge and Gap Closure and Wet Utility Relocation Segment A3, San Diego River Bridge Double Track Project, Wet Utility Relocations – Segments A1, A2, B, C, and D, Mid-Coast Corridor Transit Project – Including Rose Creek Bikeway

Project Number:

**Qualified SWPPP Developer's Certification of the
 Stormwater Pollution Prevention Plan Amendment**

“This Stormwater Pollution Prevention Plan and attachments were prepared under my direction to meet the requirements of the California Construction General Permit (SWRCB Order No. 2009-0009-DWQ as amended by 2010-0014-DWQ and 2012-0006-DWQ). I certify that I am a Qualified SWPPP Developer in good standing as of the date signed below.”



4/6/2018

QSD's Signature

Date

Paul Manning

00006

QSD Name

QSD Certificate Number

Environmental Compliance Officer/Contractor

951-415-6557

Title and Affiliation

Telephone

4690 Executive Drive, Suite 100, San Diego,
 California, 92121

pmanning@mctcjr.com

Address

Email

Amendment No.	Date	Brief Description of Amendment, include section and page number	Prepared and Approved By
15	April 5, 2017	SWPPP Amendment for Water Pollution Control Drawings or SWPPP North Segment Wall Map update Reaches 10 through 14, Appendix B, Site Maps, Volume 4.	Name: Paul Manning QSD# 00006
16	May 24, 2017	Temporary clear water diversion and temporary stream crossing near STA 748 for utility and box culvert construction.	Name: Paul Manning QSD# 00006
17	June 8, 2017	SWPPP Amendment to install TC-1 per non-standard BMPs details, revised Section 3.2.2, Sediment Controls of the Front End SWPPP.	Name: Paul Manning QSD# 00006
18	June 13, 2017	SWPPP Amendment to include Rose Canyon Bike Path Detour to I-5 NB Shoulder, revised Appendix B, Site Maps, Volume 4. Increased disturbed soil area by 0.30 acres.	Name: Paul Manning QSD# 00006
19	October 20, 2017	SWPPP Amendment to include Rose Creek Bikeway, revised and updated Title Page, Table of Contents, Sections 1 through 7 and Appendix M of the SWPPP Front End. Updated and revised Resident Engineer contact information on the Title Page, Table of Contents, Project Site Description and Sections 1 through 7, Appendix B, Site Maps, of SWPPP Volume 4. Increased disturbed soil area by 14.17 acres.	Name: Paul Manning QSD# 00006
20	April 6, 2018	SWPPP Amendment to include temporary batch plant at Rose Creek Bikeway, revised Section 3.3.1, Non-Stormwater Controls of SWPPP Front End and Appendix B, Site Maps of SWPPP Volume 4. Included CASQA BMP Fact Sheet NS-16 Temporary Batch Plant in Appendix H of SWPPP Volume 4.	Name: Paul Manning QSD# 00006
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#

3.3.1 Non-Stormwater Controls

Temporary Batch Plant

Temporary batch for light weight cellular fill will be mobilized and demobilized multiple times throughout the projects limits. BMPs consisting of liners and berms will contain the operation. Hoses will contain locks to help prevent any leaks. Materials will be stored in containment devices as required and covered prior to qualifying rain events. Proposed locations of temporary batch plants will be illustrated on the WPCDs in each applicable SWPPP Volume.

It has been determined a temporary batch plant will be located at Rose Creek Bikeway project near the intersection of Damon Avenue and Mission Bay Drive at the former location of two temporary buildings. The batch plant will be onsite for three weeks.

TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GULCH IMPROVEMENTS PROJECTS WITHIN APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR CONSTRUCTION LEVEL BMP'S AND FOR PERMANENT POST CONSTRUCTION TREATMENT CONTROL PERMANENT BMP'S, THE WATER QUALITY TREATMENT CONTROL PERMANENT BMP'S, THE WATER QUALITY TECHNICAL REPORT (WQTR).

2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.

3. FOR INLETS LOCATED AT SLUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SLUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.

4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.

5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
6. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.

7. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.

8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.

9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.

10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.

11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.

12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.

14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.

18. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

16. ALL EROSION CONTROL MATERIAL SHALL BE PLACED 1' MINIMUM INSIDE AREA OF POTENTIAL EFFECT (A.P.E.). CONTRACTOR SHALL CALL FOR SURVEY OF A.P.E. PRIOR TO START OF CONSTRUCTION.



San Diego's Regional Planning Agency

PLAN VIEW

SCALE 1" = 20'

SCALE			Civil Engineering Surveying Land Planning	TELEPHONE 292-7770 4240 Rafter Street San Diego, CA 92111 nasland.com	DESIGNED BY	DATE	<table><tr><th colspan="2">DATE SUBMITTED</th><th colspan="2">DATE</th><th colspan="2">ACTION</th></tr><tr><th>RECEIVED BY</th><th>APPROVED</th><th>DATE</th><th>FILED</th><th colspan="2"></th></tr><tr><td>ORIGINAL</td><td>HE</td><td></td><td></td><td colspan="2">PROJECT MANAGER</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">USE SET</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">LATEST COORDINATES</td></tr></table>	DATE SUBMITTED		DATE		ACTION		RECEIVED BY	APPROVED	DATE	FILED			ORIGINAL	HE			PROJECT MANAGER						USE SET						LATEST COORDINATES	
DATE SUBMITTED					DATE			ACTION																													
RECEIVED BY					APPROVED	DATE		FILED																													
ORIGINAL					HE				PROJECT MANAGER																												
				USE SET																																	
				LATEST COORDINATES																																	
CONTRACT NO. 5001912	DRAWN BY	DATE	CHECKED BY	DATE																																	
DRAWING NO.	SHEET NO.	SIGNED BY	DATE	DATE DEDUCTED																																	

EC-1

IMPROVEMENT PLANS FOR
COASTAL RAIL TRAIL - ROSE CREEK BIKEWAY
ROSE CREEK ALIGNMENT
EROSION CONTROL
STA 9+00 TO STA 19+55

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 57 OF 67 SHEETS	W.O. _____
--	------------

FOR CITY ENGINEER		DATE			SECTION
DESCRIPTION	BY	APPROVED	DATE	FILED	
ORIGINAL	NE				PROJECT MANUAL
					DATE 80
					LAURET COOPER
REVISIONS		DATE CHANGED			-57

-57- □



Description and Purpose

The construction of roads, bridges, retaining walls, and other large structures in remote areas, often requires temporary batch plant facilities to manufacture Portland Cement Concrete (PCC) or asphalt cement (AC). Temporary batch plant facilities typically consist of silos containing fly ash, lime, and cement; heated tanks of liquid asphalt; sand and gravel material storage areas; mixing equipment; above ground storage tanks containing concrete additives and water; and designated areas for sand and gravel truck unloading, concrete truck loading, and concrete truck washout. Proper control and use of equipment, materials, and waste products from temporary batch plant facilities will reduce the discharge of potential pollutants to the storm drain system or watercourses, reduce air emissions, and mitigate noise impacts.

The General Permit draft incorporates Numeric Action Levels (NAL) for pH (see Section 2 of this handbook to determine your project's risk level and if you are subject to these requirements). Many types of batch plant materials, including mortar, concrete, cement and block and their associated wastes have basic chemical properties that can raise pH levels outside of the permitted range. Additional care should be taken when managing these materials to prevent them from coming into contact with stormwater flows which may cause an exceedance of the General Permit requirements.

Suitable Applications

These procedures typically apply to construction sites where temporary batch plant facilities are used; however, some of the

Categories

EC	Erosion Control	
SE	Sediment Control	
TC	Tracking Control	
WE	Wind Erosion Control	
NS	Non-Stormwater Management Control	☒
WM	Waste Management and Materials Pollution Control	

Legend:

- ☒ Primary Category
- ☒ Secondary Category

Targeted Constituents

Sediment	☒
Nutrients	
Trash	☒
Metals	☒
Bacteria	
Oil and Grease	
Organics	

Potential Alternatives

None

If User/Subscriber modifies this fact sheet in any way, the CASQA name/logo and footer below must be removed from each page and not appear on the modified version.



practices described are applicable to construction sites with general concrete use.

Limitations

The General Permit for discharges of stormwater associated with industrial activities (General Industrial Permit) may be applicable to temporary batch plants.

Specific permit requirements or mitigation measures such as Air Resources Board (ARB), Air Quality Management District (AQMD), Air Pollution Control District (APCD, Regional Water Quality Control Board (RWQCB), county ordinances and city ordinances may require alternative mitigation measures for temporary batch plants. Contact the local regulatory agencies to determine if a permit is required.

Implementation

Planning

- Temporary batch plants may be subject to the General Industrial Permit. To obtain a copy of this permit and the application forms, visit <http://www.waterboards.ca.gov> or contact the State Water Resources Control Board.
- Proper planning, design, and construction of temporary batch plants should be implemented to minimize potential water quality, air pollution, and noise impacts associated with temporary batch plants.
- BMPs and a Construction Site Monitoring Plan (CSMP) should be included in the project Stormwater Pollution Prevention Plan (SWPPP). BMPs should be implemented, inspected, and maintained in accordance with these plans.
- Temporary batch plants should be managed to comply with AQMD Statewide Registration Program and/or local AQMD Portable Equipment Registration requirements.
- Construct temporary batch plants downwind of existing developments whenever possible.
- Placement of access roads should be planned to mitigate water and air quality impacts.

Layout and Design

- Temporary batch plants should be properly located and designed to mitigate water quality impacts to receiving water bodies. Batch plants should be located away from watercourses, drainage courses, and drain inlets. Batch plants should be located to minimize the potential for stormwater runoff onto the site.
- Temporary batch plant facilities (including associated stationary equipment and stockpiles) should be located at least 300 ft from any recreational area, school, residence, or other structure not associated with the construction project.
- Construct continuous interior AC or PCC berms around batch plant equipment (mixing equipment, silos, concrete drop points, conveyor belts, admixture tanks, etc.) to facilitate proper containment and cleanup of releases. Rollover or flip top curbs or dikes should be placed at ingress and egress points (SE-12, Temporary Silt Dike).
- Direct runoff from the paved or unpaved portion of the batch plant into a sump and pipe to a lined washout area or dewatering tank.

- Direct stormwater and non-stormwater runoff from unpaved portions of batch plant facility to catchment ponds or tanks.
- Construct and remove concrete washout facilities in accordance with WM-8, Concrete Waste Management.
- Layout of a typical batch plant and associated BMP is located at the end of this BMP fact sheet.

Operational Procedures

- Washout of concrete trucks should be conducted in a designated area in accordance with WM-8, Concrete Waste Management.
- Do not dispose of concrete into drain inlets, the stormwater drainage system, or watercourses.
- Washing of concrete mixing and transport equipment (including concrete truck washout) should occur in a designated area in accordance with WM-8, Concrete Waste Management.
- Washing equipment, tools, or vehicles to remove PCC should be conducted in accordance with NS-7, Potable Water/Irrigation, NS-8, Vehicle and Equipment Cleaning, and WM-8, Concrete Waste Management..
- All dry material transfer points should be ducted through a fabric or cartridge type filter unless there are no visible emissions from the transfer point.
- Equip all bulk storage silos, including auxiliary bulk storage trailers, with fabric or cartridge type filter(s).
- Maintain silo vent filters in proper operating condition.
- Equip silos and auxiliary bulk storage trailers with dust-tight service hatches.
- Fabric dust collection system should be capable of controlling particulate matter in accordance with the California Air Resources Control Board and local Air Pollution Control District Regulations.
- Fabric dust collectors (except for vent filters) should be equipped with an operational pressure differential gauge to measure the pressure drop across the filters.
- All transfer points should be equipped with a wet suppression system to control fugitive particulate emissions unless there are no visible emissions.
- All conveyors should be covered, unless the material being transferred results in no visible emissions.
- There should be no visible emissions beyond the property line, while the equipment is being operated.
- Collect dust emissions from the loading of open-bodied trucks, at the drip point of dry batch plants, or dust emissions from the drum feed for central mix plants.

- Equip silos and auxiliary bulk storage trailers with a visible and/or audible warning mechanism to warn operators that the silo or trailer is full.
- All open-bodied vehicles transporting material should be loaded with a final layer of wet sand and the truck should be covered with a tarp to reduce emissions.

Tracking Control

- Plant roads (batch truck and material delivery truck roads) and areas between stockpiles and conveyor hoppers should be stabilized (TC-2, Stabilized Construction Roadway), watered, treated with dust-suppressant chemicals (WE-1, Wind Erosion Control), or paved with a cohesive hard surface that can be repeatedly swept, maintained intact, and cleaned as necessary to control dust emissions.
- Trucks should not track PCC from plants onto public roads. Use appropriate practices from TC-1, Stabilized Construction Entrance/Exit, to prevent tracking.

Materials Storage

- WM-1, Material Delivery and Storage, should be implemented at all batch plants using concrete components or compounds. An effective strategy is to cover and contain materials.
- WM-2, Material Use should be conducted in a way to minimize or eliminate the discharge of materials to storm drain system or watercourse.
- Ensure that finer materials are not dispersed into the air during operations, such as unloading of cement delivery trucks.
- Stockpiles should be covered and enclosed with perimeter sediment barriers per WM-3, Stockpile Management. Uncovered stockpiles should be sprayed with water and/or dust-suppressant chemicals as necessary to control dust emissions, unless the stockpiled material results in no visible emissions. An operable stockpile watering system should be onsite at all times.
- Store bagged and boxed materials on pallets and cover or store in a completely enclosed storage area on non-working days and prior to rain.
- Minimize stockpiles of demolished PCC by recycling them in a timely manner.
- Provide secondary containment for liquid materials (WM-1, Material Delivery and Storage, WM-10, Liquid Waste Management). Containment should provide sufficient volume to contain precipitation from a 25-year storm plus 10% of the aggregate volume of all containers or plus 100% of the largest container, whichever is greater.
- Handle solid and liquid waste in accordance with WM-5, Solid Waste Management, WM-10, Liquid Waste Management, and WM-8, Concrete Waste Management.
- Maintain adequate supplies of spill cleanup materials and train staff to respond to spills per WM-4, Spill Prevention and Control.
- Immediately contain and clean up spilled cement and fly ash and contain.

Equipment Maintenance

- Equipment should be maintained to prevent fluid leaks and spills per NS-9, Vehicle and Equipment Fueling, and NS-10, Vehicle and Equipment Maintenance.
- Maintain adequate supplies of spill cleanup materials and train staff to respond to spills per WM-4, Spill Prevention and Control.
- Incorporate other BMPs such as WM-5, Solid Waste Management, WM-6, Hazardous Waste Management, and WM-10, Liquid Waste Management.

Costs

Costs will vary depending on the size of the facility and combination of BMPs implemented.

Inspection and Maintenance

- Inspect and verify that activity-based BMPs are in place prior to the commencement of associated activities.
- BMPs must be inspected in accordance with General Permit requirements for the associated project type and risk level. It is recommended that at a minimum, BMPs be inspected weekly, prior to forecasted rain events, daily during extended rain events, and after the conclusion of rain events.
- Inspect BMPs subject to non-stormwater discharge daily while non-stormwater discharges occur.
- Sample non-stormwater discharges and stormwater runoff that contacts cementitious materials or fly ash as required by the General Permit.
- Inspect and repair equipment (for damaged hoses, fittings, and gaskets).
- Inspect and maintain a Stabilized Construction Entrance/Exit (TC-1) as needed.
- Inspect and maintain stabilized haul roads as needed (TC-2, Stabilized Construction Roadway).
- Inspect and maintain materials and waste storage areas as needed.

References

Stormwater Quality Handbooks - Construction Site Best Management Practices (BMPs) Manual, State of California Department of Transportation (Caltrans), March 2003.

Stormwater Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices, EPA 832-R-92005; USEPA, April 1992.

Typical Lightweight Cellular Concrete Batch Plant

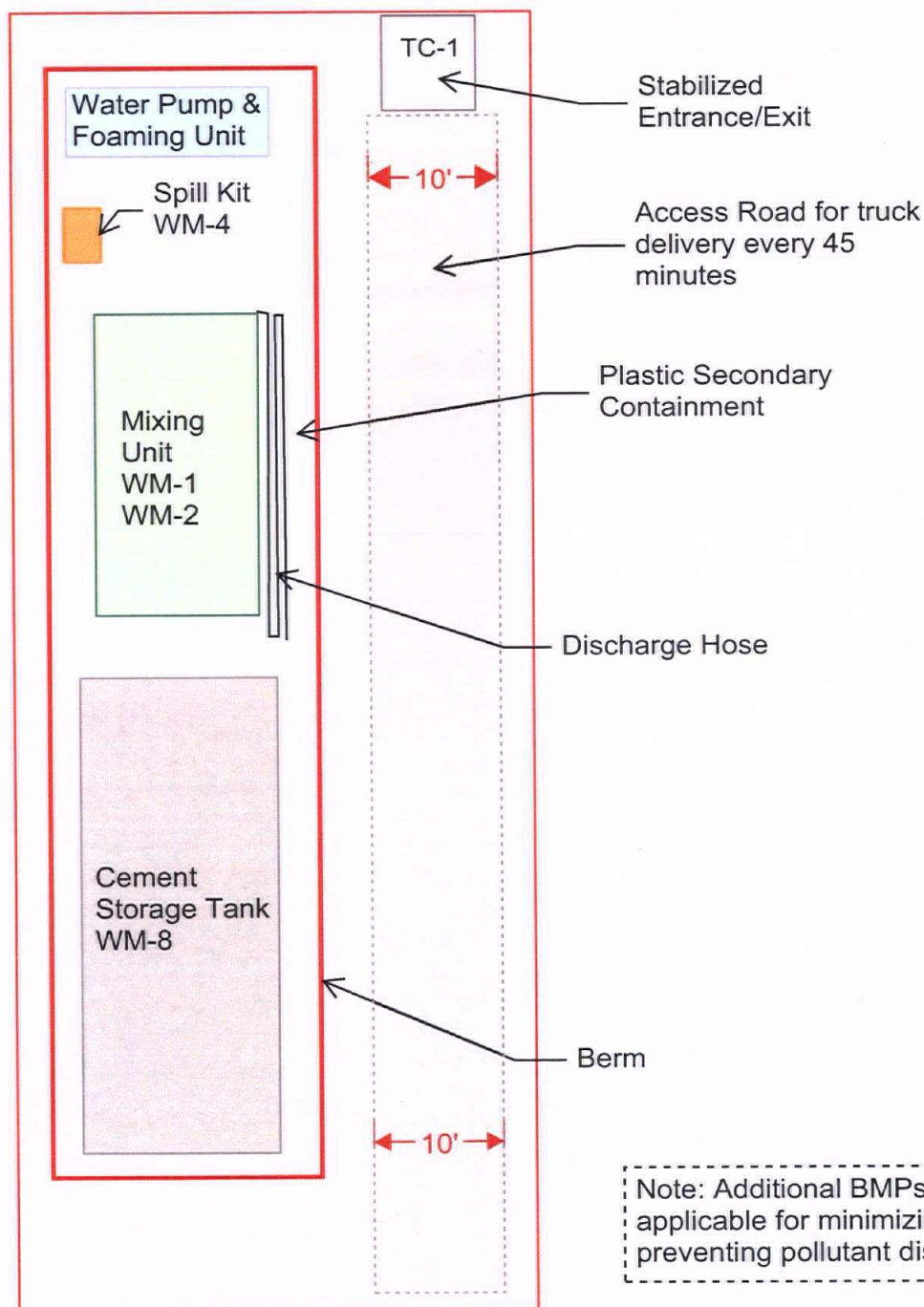
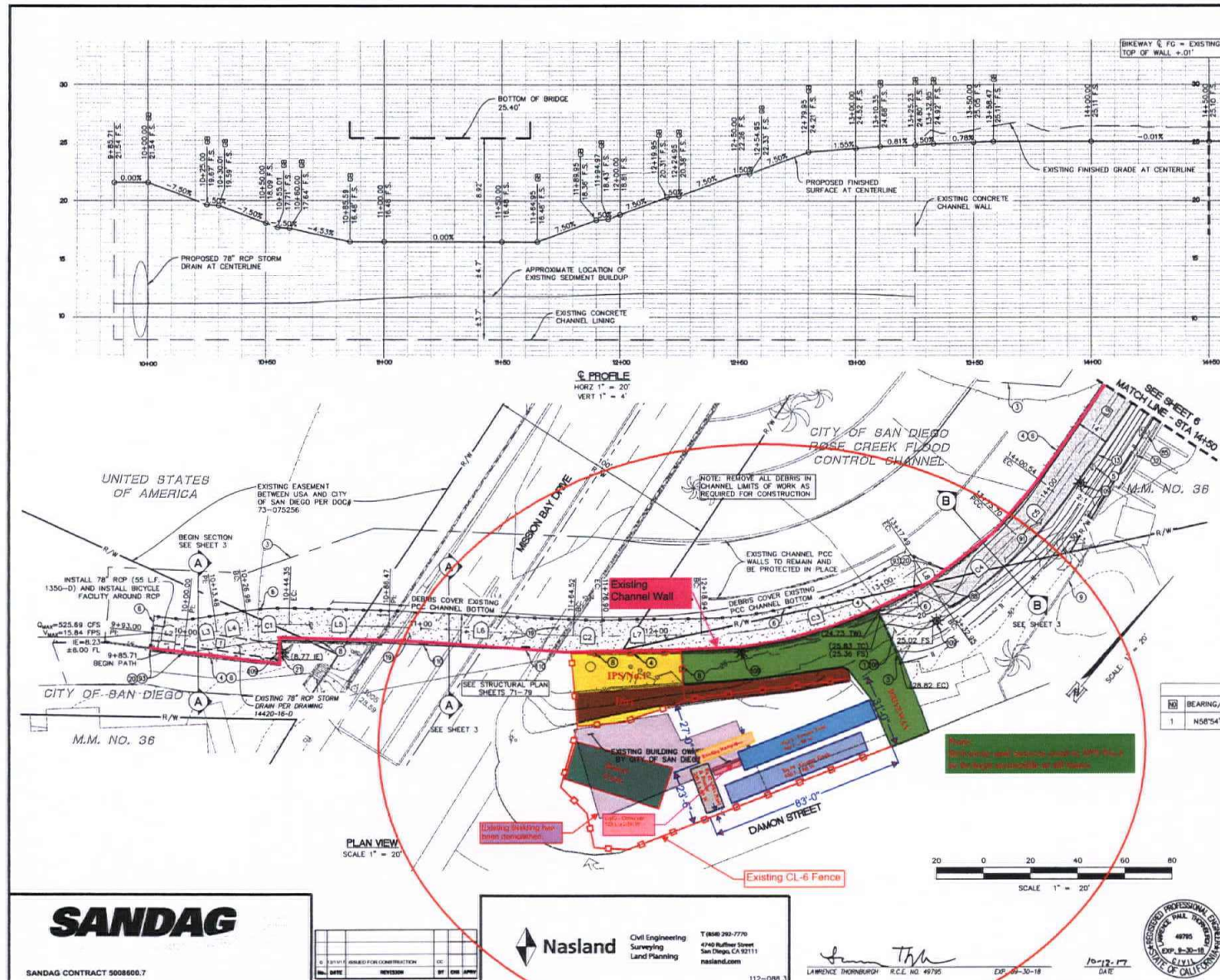


EXHIBIT B
FORM OF CELL CRUTE STAGING PLAN



CONSTRUCTION NOTES:

1. CONSTRUCT 4\"/>

BIKE PATH CENTERLINE DATA TABLE				
STATION	BEARING/DELTA	RADIUS	LENGTH	NOTE
L1	N33°28'21"W		7.29	CONCRETE SLAB/CELLULAR FILL
L2	N56°31'40"E		7.00	CONCRETE SLAB/CELLULAR FILL
L3	N41°25'16"E		13.48	CONCRETE SLAB/CELLULAR FILL
L4	N41°39'50"E		13.50	CONCRETE SLAB/CELLULAR FILL
C1	95°17'16"	100.00	17.37	CONCRETE SLAB/CELLULAR FILL
L5	N51°43'1"E		42.12	CONCRETE SLAB/CELLULAR FILL
L6	N53°32'26"E		78.05	CONCRETE SLAB/CELLULAR FILL
C2	3°40'31"	193.00	12.38	CONCRETE SLAB/CELLULAR FILL
L7	N49°22'55"E		42.04	CONCRETE SLAB/CELLULAR FILL
C3	32°52'30"	171.73	98.54	CONCRETE SLAB/CELLULAR FILL
L8	S71°13'58"E		15.47	CONCRETE SLAB/CELLULAR FILL
C4	N1°41'40"	209.43	42.75	4" AC/12" CLASS 2 BASE
C5	6°48'23"	208.11	24.84	4" AC/12" CLASS 2 BASE
C19	N52°42'43"W		462.51	4" AC/12" CLASS 2 BASE

* INDICATES THAT LINE OR CURVE RUNS THROUGH THE MATCHLINE.

STORM DRAIN DATA TABLE (PUBLIC)						
NO	BEARING/DELTA	LENGTH	SLOPE	D-LOAD	NOTE	MAINTENANCE
1	N58°54'13"E	54.32'	1.0%	1350-D	78" RCP (STA 9+92.6)	CITY OF SAN DIEGO

PUBLIC CONTRACT

IMPROVEMENT PLANS FOR:
COASTAL RAIL TRAIL - ROSE CREEK BIKEWAY
ROSE CREEK ALIGNMENT
CLASS 1 BIKE PATH
STA 10+00 TO STA 14+50

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 5 OF 120 SHEETS				U.S. NO. 2409002 PROJECT NO. 492000 V.T.M.
DESIGNED BY	BY	APPROVED	DATE	FILED
ORIGINAL	HE			
1874-0281 HARDY COORDINATES 134-1701 LAUREY COORDINATES				
CONTRACTOR	DATE STARTED			39517-5 -0
INSPECTOR	DATE COMPLETED			



LAWRENCE THORNBURGH R.C.E. NO. 49795 EXP. 12-18

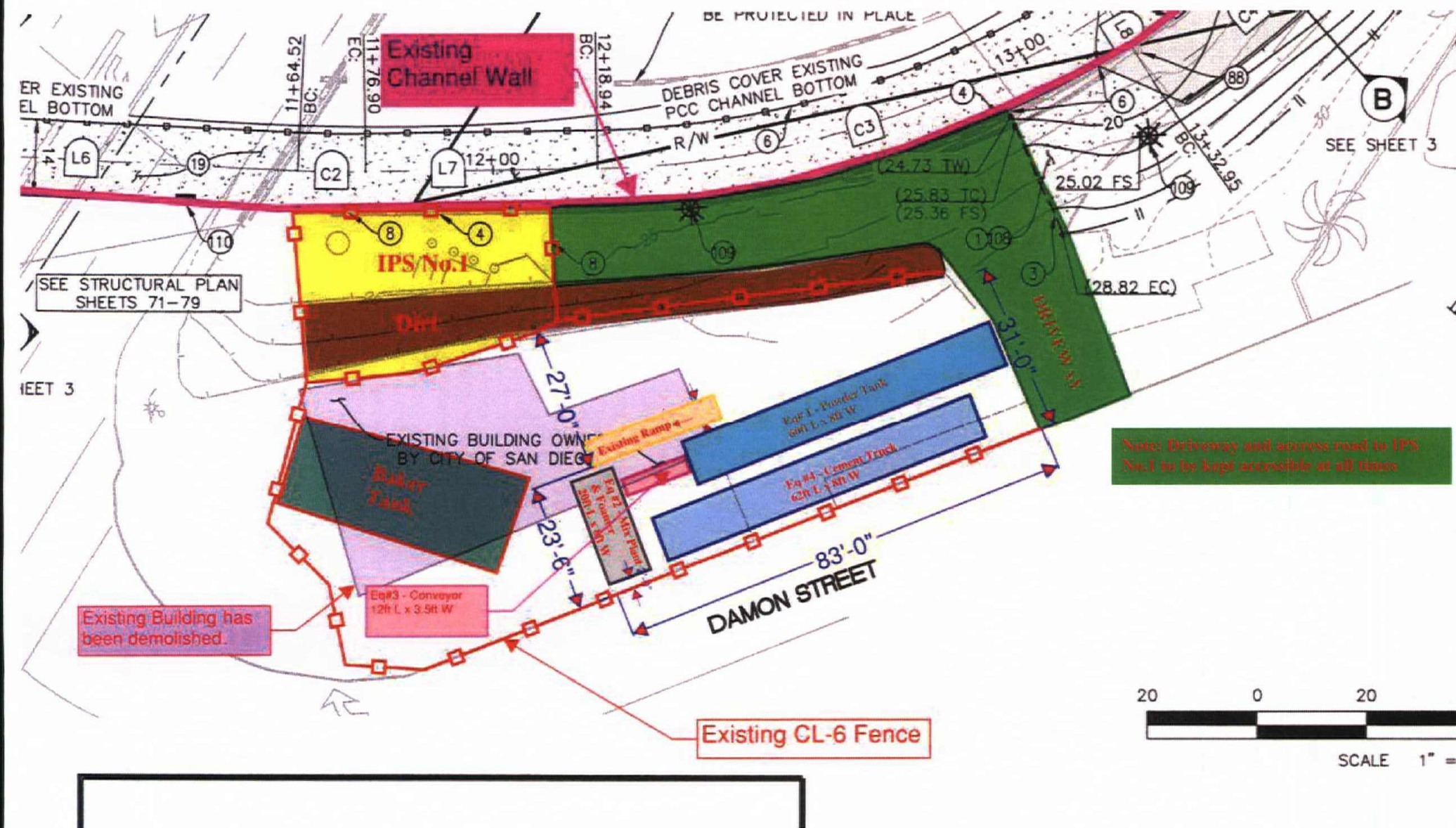


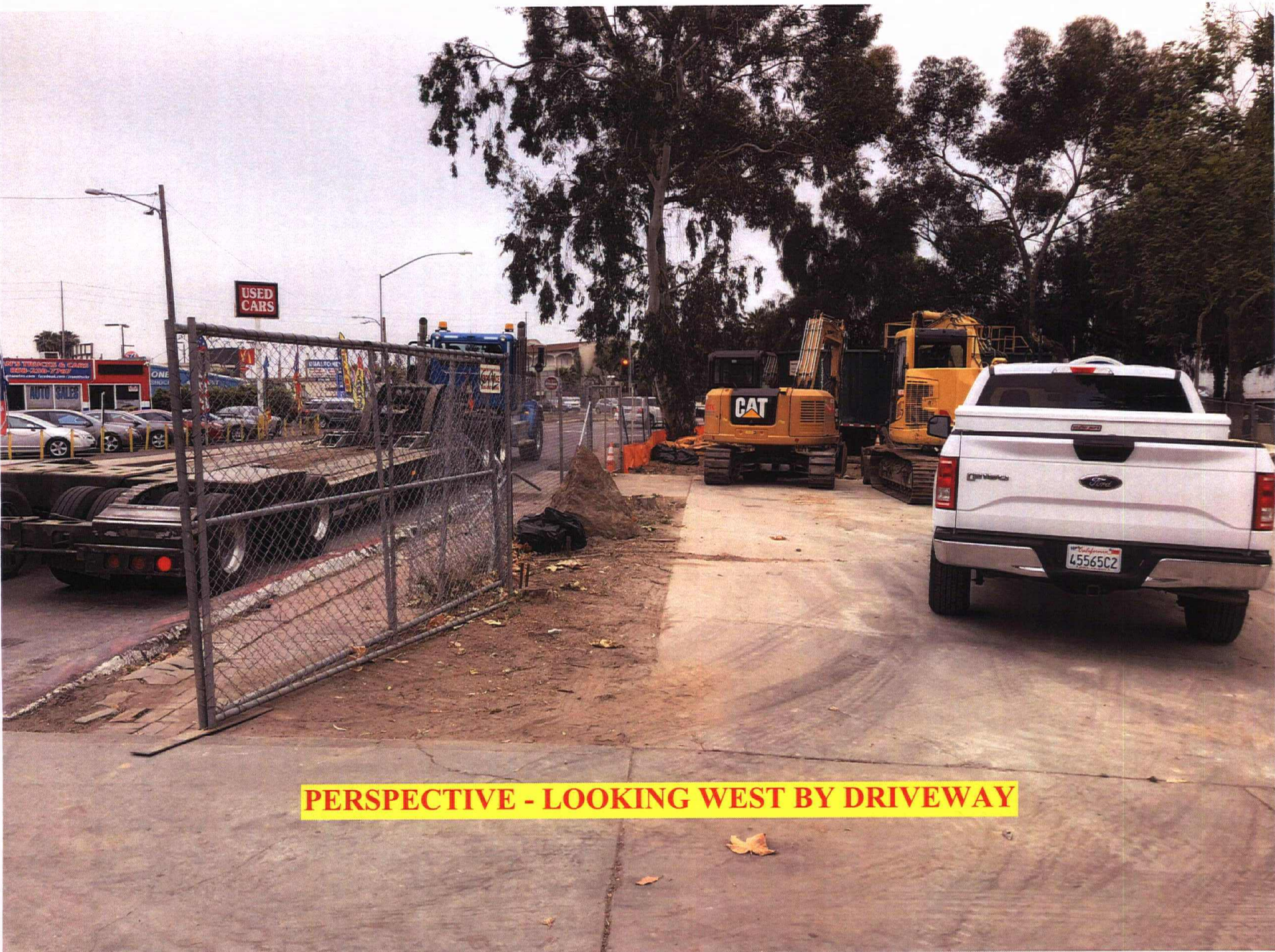
Civil Engineering
Surveying
Land Planning
T 808 292-7770
4740 Ruffner Street
San Diego, CA 92111
nasland.com

112-088.3

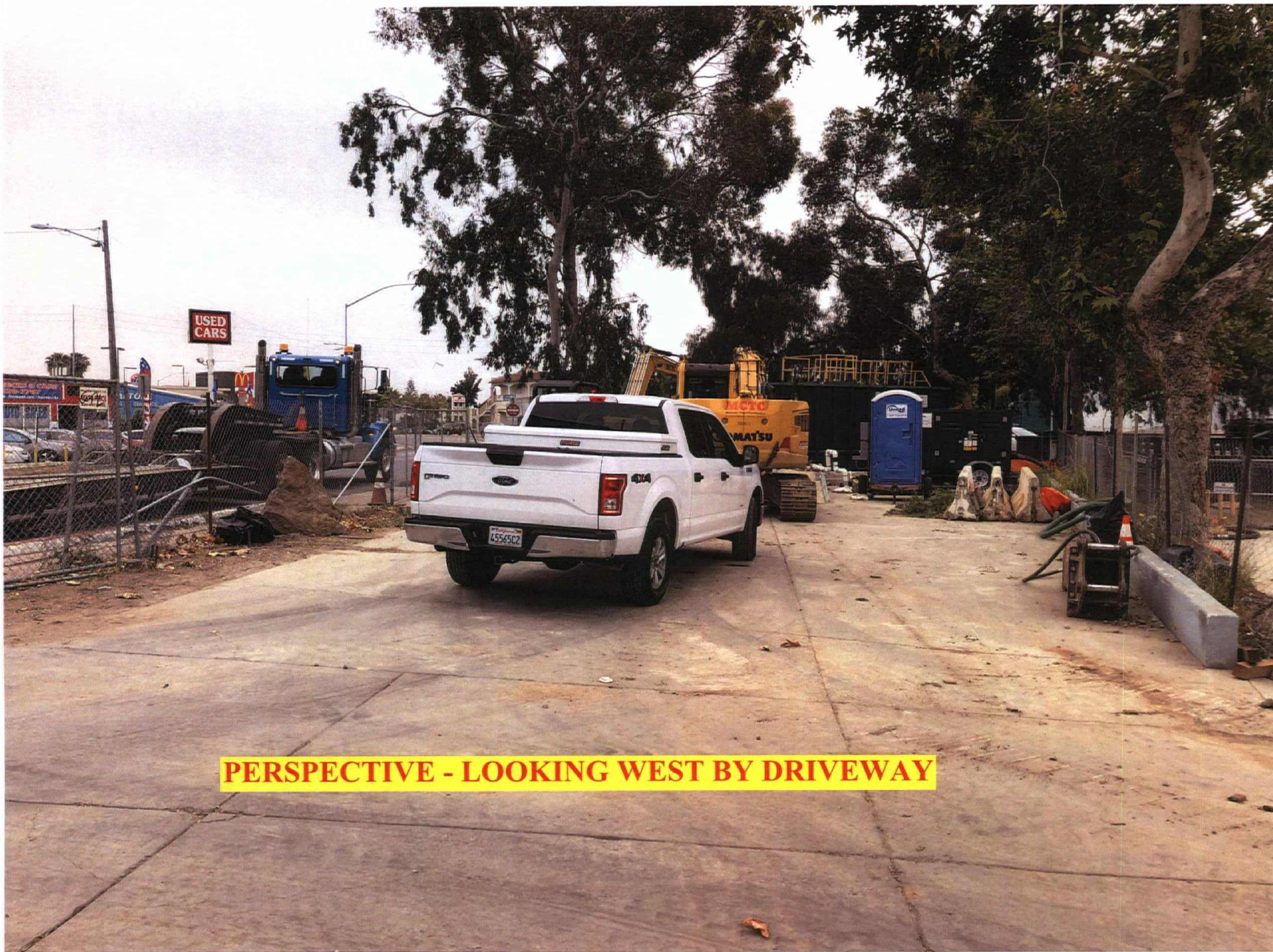
SANDAG

SANDAG CONTRACT 5008600.7

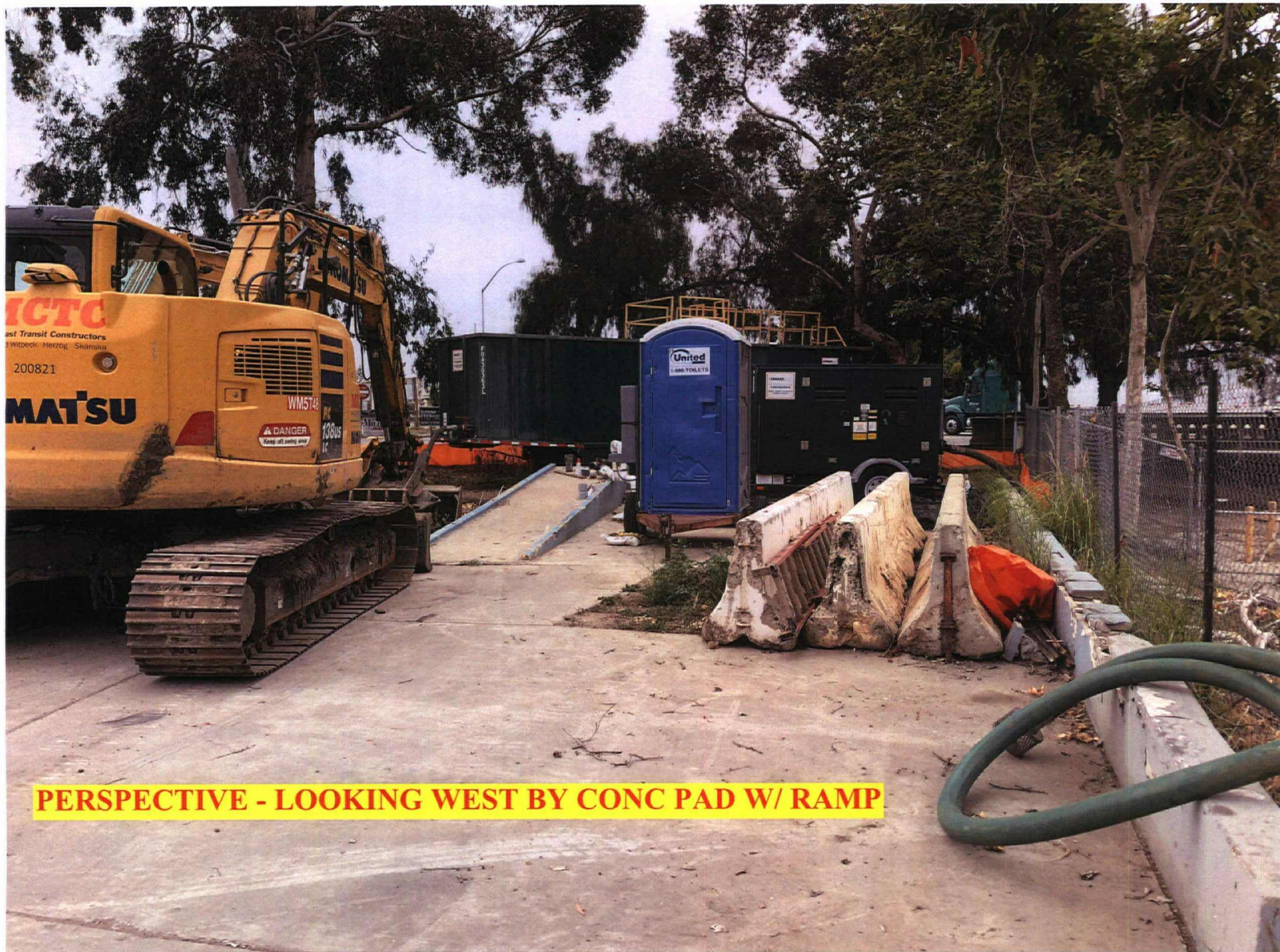




PERSPECTIVE - LOOKING WEST BY DRIVEWAY



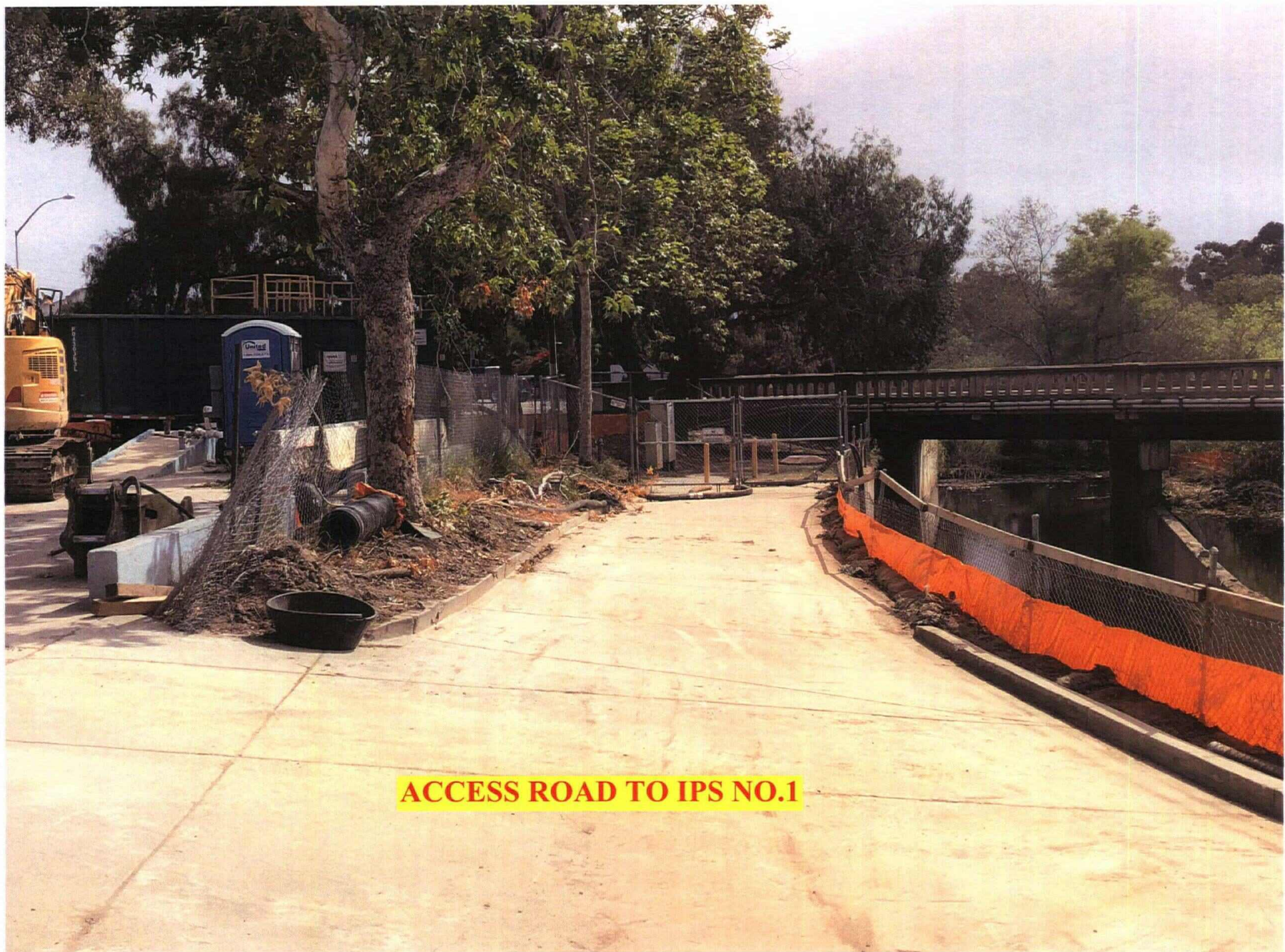
PERSPECTIVE - LOOKING WEST BY DRIVEWAY



PERSPECTIVE - LOOKING WEST BY CONC PAD W/ RAMP



PERSPECTIVE - LOOKING EAST BY BAKER TANK



ACCESS ROAD TO IPS NO.1



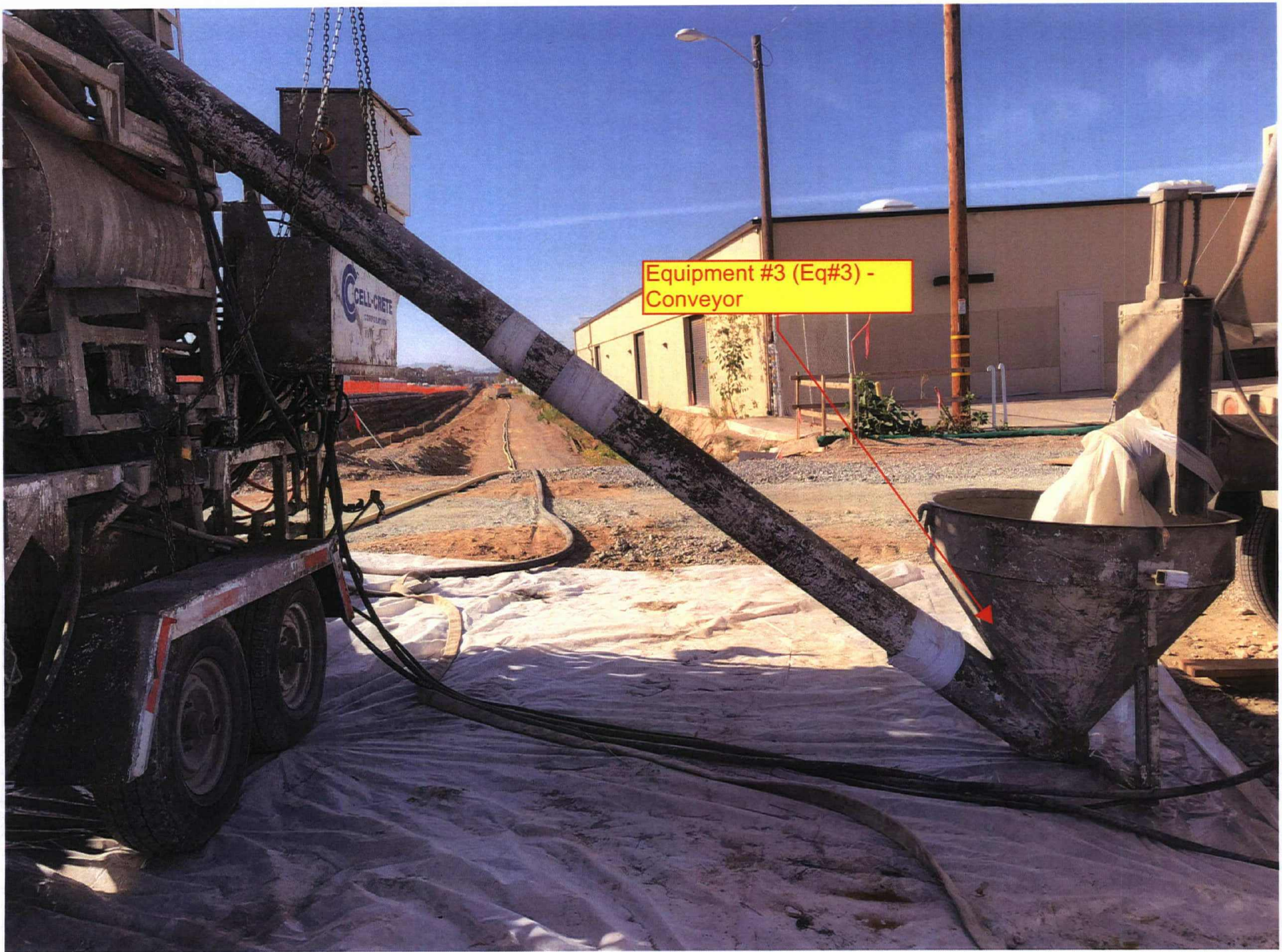


Equipment #1 (Eq#1) -
Powder Tanker

Equipment #2 (Eq#2) -
Mixing Plant & Foamer

The photograph shows a construction site under a clear blue sky. In the center is a large, complex piece of machinery, identified as a mixing plant and foamer. It has a white control box with the 'CELL-CRETE CORPORATION' logo and the number 'LA 685'. A long, dark, flexible discharge chute extends from the top of the machine towards the left. To the left of the main machine is a white Doosan generator mounted on a trailer. In the background to the right, there is a tall, black portable lighting tower with multiple lamps. The ground is covered with a large, wrinkled white plastic sheet. A red arrow points from the yellow caption box to the side of the main machine.

Equipment #3 (Eq#3) -
Conveyor





Equipment #4 (Eq#4) -
Cement Truck