

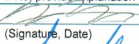
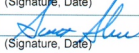

**University of California, Berkeley**  
**Berkeley Global Campus at Richmond Bay**

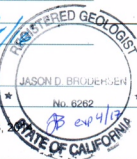
**Soil Management Plan**  
**Project Approval Checklist**  
**University of California**

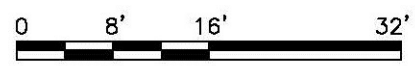
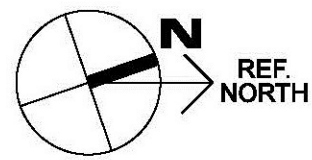
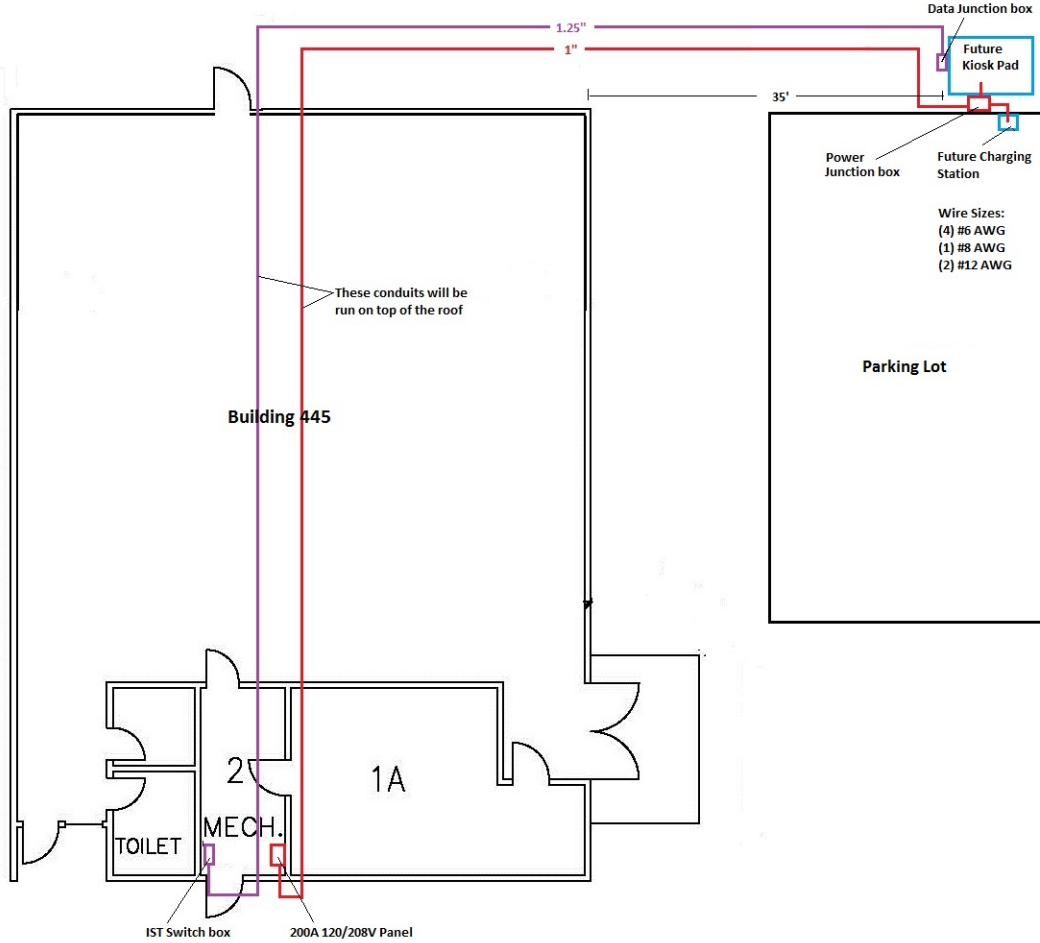
**SMP FORM A: PROJECT OVERVIEW**

<b>1. Tracking No, Revision No. and Date:</b>	SMP Project 20160603TSRCB445		
	<i>If after 6 months the project has not proceeded to the next step, the information on this form must be reviewed and updated as necessary</i>		
<b>2. Project Name:</b>	Norther California Center for Alternative Transportation Fuels and Advanced Vehicle Technologies (NorthCAT)		
<b>3. Description:</b>	Installation of a showcase kiosk (8' X 12') at the south west corner of the B445 parking lot. Installation of conduit for 220V/110V AC power and communication lines and a future Level 2 EV charging station will require trenching to the west side of B445 for ~ 70'. No soil will be removed from the site.		
	<i>Attach figure identifying project location</i>		
<b>4. Points of Contact:</b>	Name: Karl Hans	Position: <b>Senior Environmental Scientist, EH&amp;S</b>	
	Email: khans@berkeley.edu	Phone: (510) 643-9574	
<b>5. Estimated Schedule:</b>			
<b>6. DTSC Work Notice Requirements</b>	Yes <input type="checkbox"/> TBD	No <input checked="" type="checkbox"/>	If Yes, notify DTSC 14 days prior to activity
<b>7. Impacts to Piezometer Network</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Piezometer ID: If Yes, notify DTSC
<b>8. Radiological Status</b>			
Have radioactive materials been used within the project area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
If yes, have buildings within the project area been properly decontaminated, decommissioned, and cleared by CDPH?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If No, contact CDPH; do not investigate project area until it is cleared by CDPH
<b>9. Total Volume of Soil Excavation Planned (in CY)</b>	15 CY		
<b>10. De Minimis Status</b>	Project exempt from SMP requirements based on volume?		
	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>11. SMP Form A Approval</b>	06/06/2016		
a. Greg Haet, Project Coordinator, EH&S	(Signature, Date)		
b. Scott Shackleton, Facilities Management, UCB, College of Engineering	(Signature, Date)		
c. Professional Civil Engineer or Geologist	(Name, Signature, Date, Stamp)		



SMP FORM B: SAMPLING, DATA EVALUATION, SOIL MANAGEMENT ACTION		
Project Name:		
Tracking Number: <u>SMP Project 20160603TSRCB445</u> Revision Number: <u>NA</u>		
SMP Form B Initiation Date: 6/3/16		
EH&S Point of Contact: Karl Hans		
If this form has not been approved or no activities have occurred for 1 year, the information contained herein must be reviewed and updated as necessary prior to work occurring in the project area.		
<b>1. Sampling Design (attach Sampling Strategy Memorandum)</b>		
a. SMP Areas Affected	19	Consult SMP Figure 6
b. Sampling Density and Planned Number of Sample Locations	High Density	
c. Chemicals of Concern and Summary of Existing Data	As, Hg, Pb, PCBs, PAHs, Explosives Consult SMP Tables 1 and 2, and the most current groundwater report include data summary in sampling strategy memorandum	
d. Sampling Depths and Intervals	No sampling proposed due to previous sampling performed.	
e. Project is within area of GW above screening criteria	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Consult SMP Section 4.1
f. Sampling design meets all SMP prescriptive requirements	If Yes, consult RAW, notify DTSC Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If No, DTSC concurrence received? Yes <input type="checkbox"/> TBD No <input type="checkbox"/>	Consult SMP Table C-2
<b>2. Data Evaluation (Post-Sampling) (attach Data Summary Report)</b>		
a. Sampling Design Implemented	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
b. Sample Results Meet Category I	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If Yes, submit summary report with SMP Form B If sample results indicate unanticipated contamination or discovery, notify DTSC	Consult SMP Table 3
c. Soil Exceeding Category I is Defined Vertically and Laterally	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> If No, consult sampling requirements or defer to excavation confirmation sampling	
d. Soil Meets Category II Criteria	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> Soil proposed for on-site management requires plan Soil above Category II criteria requires excavation plan	
<b>3. Soil Management Action (attach On-Site Management or Soil Excavation Plan)</b>		
a. On-Site Management Plan Meets SMP Requirements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If No, provide explanation or contact DTSC:	Consult SMP Section 4.3
b. Excavation Plan Meets SMP Requirements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If No, provide explanation or contact DTSC:	Consult SMP Section 4.3
<b>4. SMP Form B Approval</b>		
a. Greg Haet, Project Coordinator, EH&S	 (Signature, Date)	06/06/2016
b. Scott Shackleton, Facilities Management, UCB, College of Engineering	 (Signature, Date)	6/3/16
c. Professional Civil Engineer or Geologist	 (Name, Signature, Date, Stamp)	6/4/16
<b>5. References Used to Complete Form</b>		
Sampling Strategy Letter, November 12, 2014 Sampling Results Summary Letter, December 8, 2014		





TSRC Charging Station Trench Detail (5/16/16)

Bldgs 445 and 167

