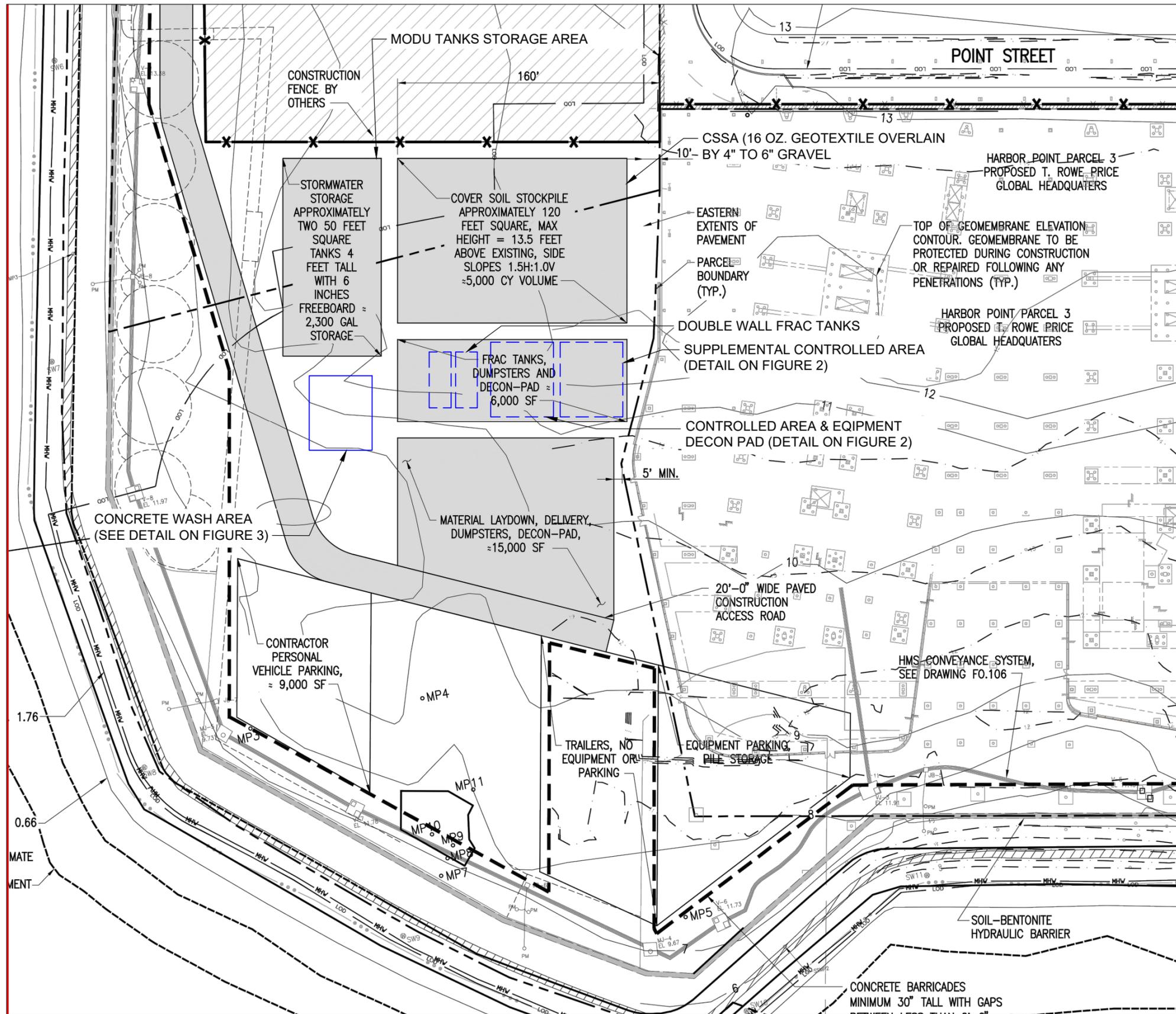


## **FIGURES**



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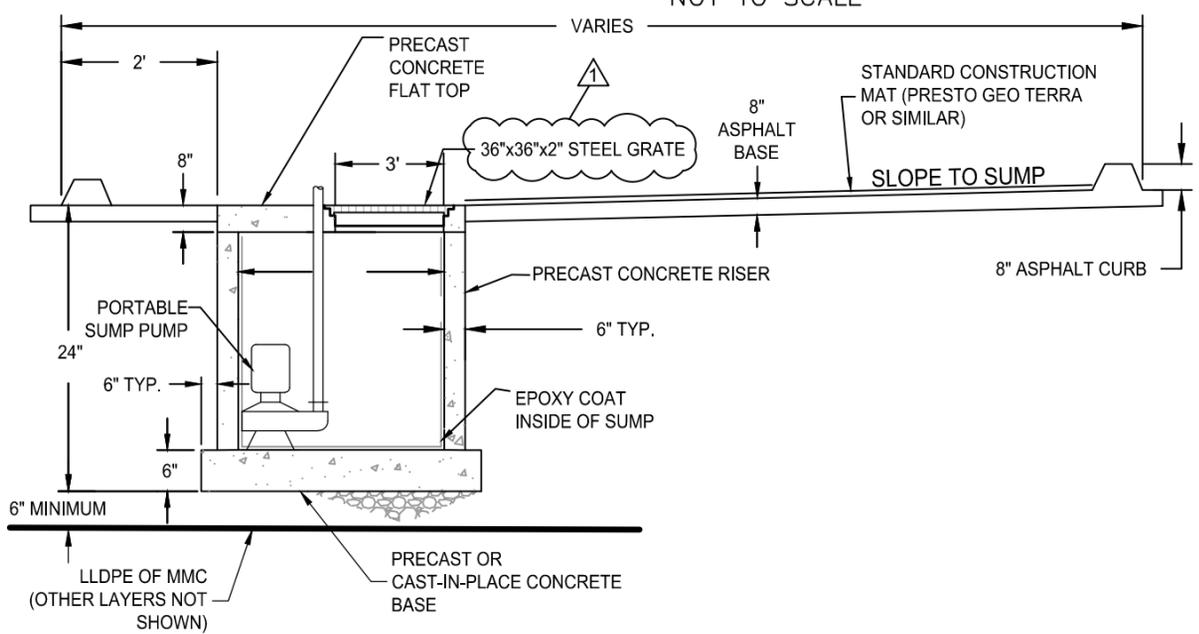
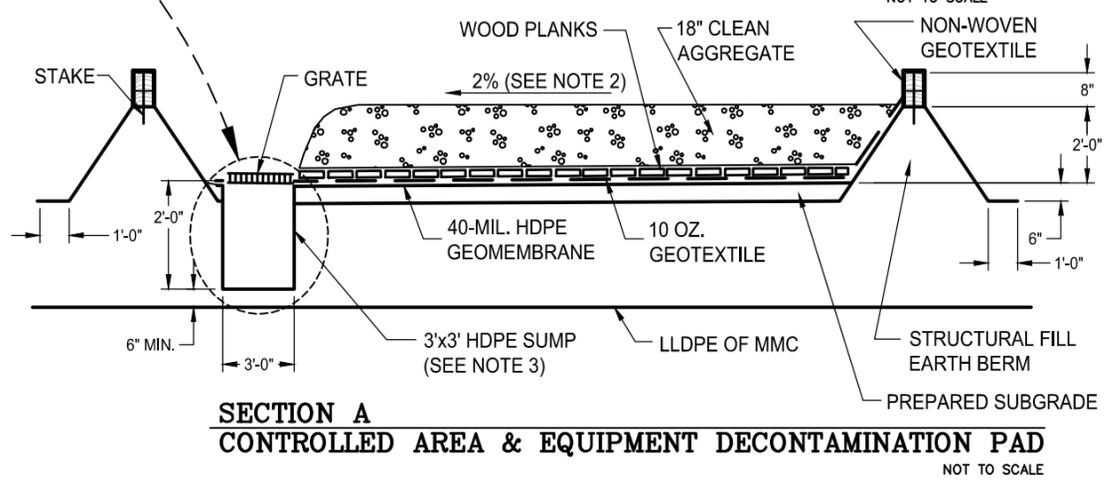
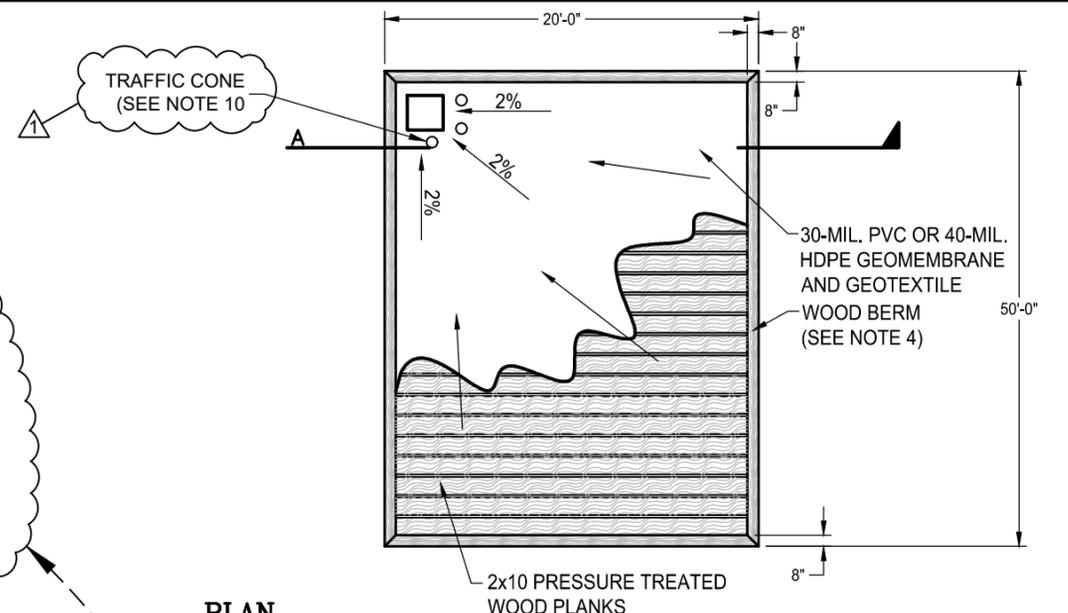
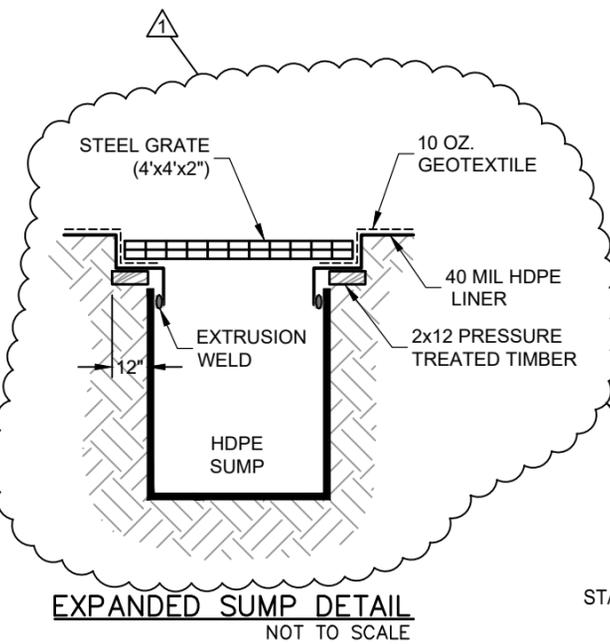
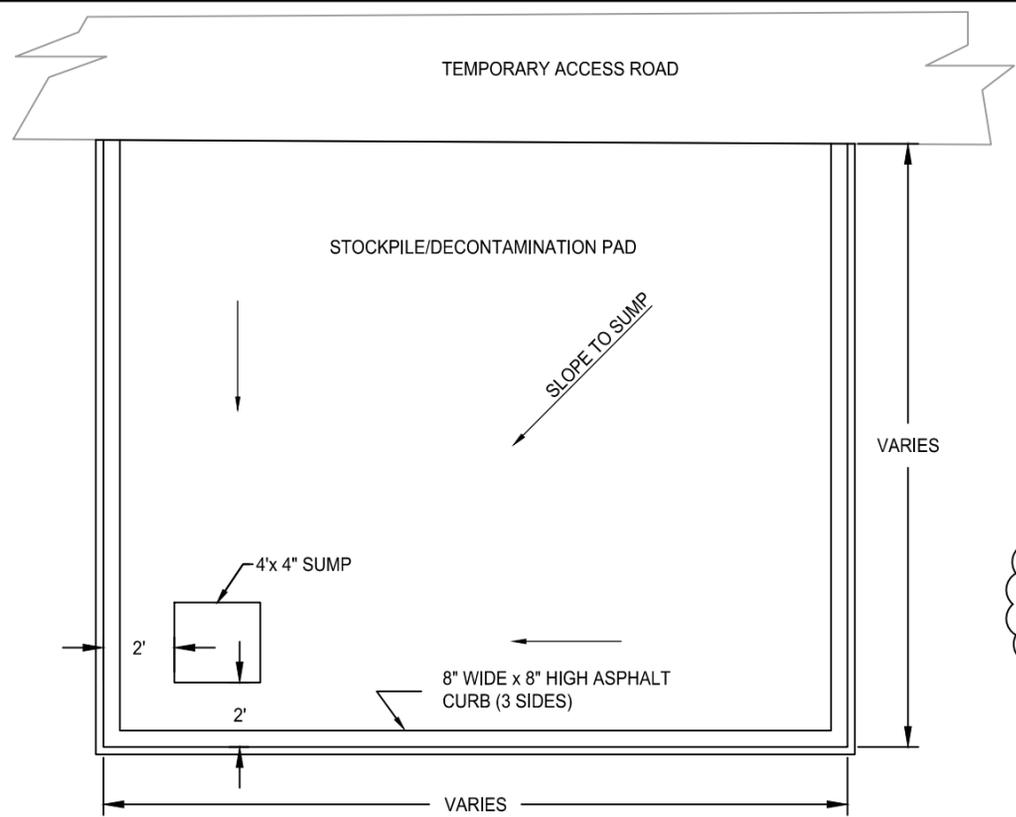
**AREA 1, PHASE 2 DETAILED DEVELOPMENT PLAN  
PARCEL 3 DEVELOPMENT**

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**DECONTAMINATION PAD NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE DECONTAMINATION PAD THROUGHOUT THE DURATION OF THE PROJECT AND FOR DEMOLITION AND DISPOSAL OF THE DECONTAMINATION PAD AT THE CONCLUSION OF THE PROJECT.
2. A 18-INCH THICK LAYER OF POROUS, WASHED GRAVEL SHALL BE PLACED OVER THE 40-MIL. HDPE GEOMEMBRANE. A 10 OZ. NONWOVEN GEOTEXTILE FABRIC SHALL BE INSTALLED BETWEEN THE GEOMEMBRANE AND GRAVEL LAYER. GEOMEMBRANE SHALL WRAP OVER THE WOODEN BERM AND BE ANCHORED A MINIMUM 6-INCHES BELOW THE GROUND SURFACE. THE GEOMEMBRANE SHALL BE PROPERLY SEAMED TO FORM A LEAK-PROOF LINER. THE MATERIALS AND INSTALLATION METHODS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
3. THE HDPE SUMP SHALL BE WELDED TO THE GEOMEMBRANE. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING WELDED SEAMS FOR LEAKS. SUMP SHALL BE PROVIDED WITH A STRUCTURAL GRATE AT SURFACE.
4. STAKES SHALL BE USED TO SECURE THE WOODEN BERMS TO THE FOUNDATION SUBBASE. STAKES SHALL BE EMBEDDED A MINIMUM 6 INCHES BELOW THE GROUND SURFACE. BERMS SHALL CONSIST OF AN EARTHEN BERM AND 8"x8" WOODEN TIES PLACED AROUND THE PERIMETER OF THE PAD.
5. THE CONTRACTOR SHALL PROVIDE A SUMP PUMP IN THE SUMP TO COLLECT DECONTAMINATION WATER INTO AN ABOVE-GROUND STORAGE TANK, OR SIMILAR CONTAINMENT. THE CONTRACTOR SHALL ARRANGE FOR TESTING AND DISPOSAL. CONTRACTOR SHALL DISPOSE ALL WATER AT AN APPROVED OFF-SITE FACILITY.
6. TRAFFICABLE RAMPS SHALL BE CONSTRUCTED AT INGRESS AND EGRESS POINTS FOR THE PAD.
7. THE SUBGRADE SHALL BE SMOOTH WITHOUT STONES OR OTHER OBJECTS THAT COULD PUNCTURE THE GEOMEMBRANE. THE SUBGRADE SHALL BE PROOF-ROLLED WITH A LOADED TANDEM, AND ANY SOFT SPONGY OR PUMPING SOIL SHALL BE REMOVED, REPLACED AND RECOMPACTED.
8. CONTRACTOR SHALL MAINTAIN AND REPAIR THE DECONTAMINATION PAD, AS NECESSARY. TIRE RUTS SHALL BE REPAIRED AND AGGREGATE SHALL BE PERIODICALLY REMOVED AND REPLACED, OR CLEANED TO PROHIBIT CLOGGING AND ALLOW FOR THE INFILTRATION OF WATER. AGGREGATE THAT IS REMOVED SHALL BE DISPOSED IN A SIMILAR MANNER AS IMPACTED SOIL.
9. THE CONTRACTOR SHALL HAVE THE OPTION OF ADJUSTING THE SIZE OR DESIGN OF THE DECONTAMINATION PAD SHOWN AS NEEDED FOR SPECIFICALLY-PLANNED EQUIPMENT AND VEHICLES, AND FOR PIPING AND OTHER SALVAGE MATERIAL RECYCLING. ALL ADJUSTMENTS MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL 10 WORKING DAYS PRIOR TO DECONTAMINATION PAD CONSTRUCTION.

10. DURING THE ACTIVE USE OF THE DECONTAMINATION PAD, CONTRACTOR SHALL USE TRAFFIC CONES OR SIMILAR OTHER DELINEATORS AROUND THE SUMP.

- NOTES:**
1. THE SUPPLEMENTAL CONTROL AREA SHALL BE CONSTRUCTED WHEN CONTROLLED AREA AND EQUIPMENT DECONTAMINATION PAD AREA IS LIMITED IN SPACE FOR STORING ROLL-OFF CONTAINERS.
  2. CONTRACTOR MAY USE THE DESIGN FOR "CONTROLLED AREA & EQUIPMENT DECONTAMINATION PAD" FOR CONSTRUCTING SUPPLEMENTAL CONTROLLED AREA AND VICE-VERSA.
  3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SUPPLEMENTAL CONTROLLED AREA THROUGHOUT THE DURATION OF THE PROJECT AND FOR DEMOLITION AND DISPOSAL OF THE CONTROLLED AREA AT THE CONCLUSION OF THE PROJECT.
  4. THE CONTRACTOR SHALL PROVIDE A SUMP PUMP IN THE SUMP AND NECESSARY PIPING FOR DISCHARGE OF COLLECTED CONTAMINATION WATER INTO THE ON-SITE FRAC TANK, OR SIMILAR CONTAINMENT, AS APPROVED BY THE ENGINEER. THE COLLECTED CONTAMINATED WATER IN THE SUMP WILL BE TRANSFERRED INTO THE ON-SITE FRAC TANK, OR SIMILAR CONTAINMENT ON AN AS NEEDED BASIS.

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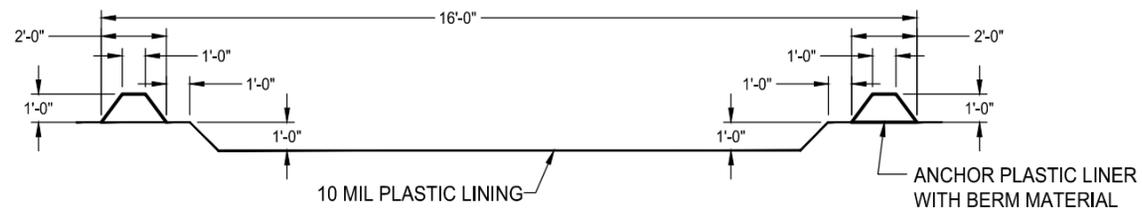
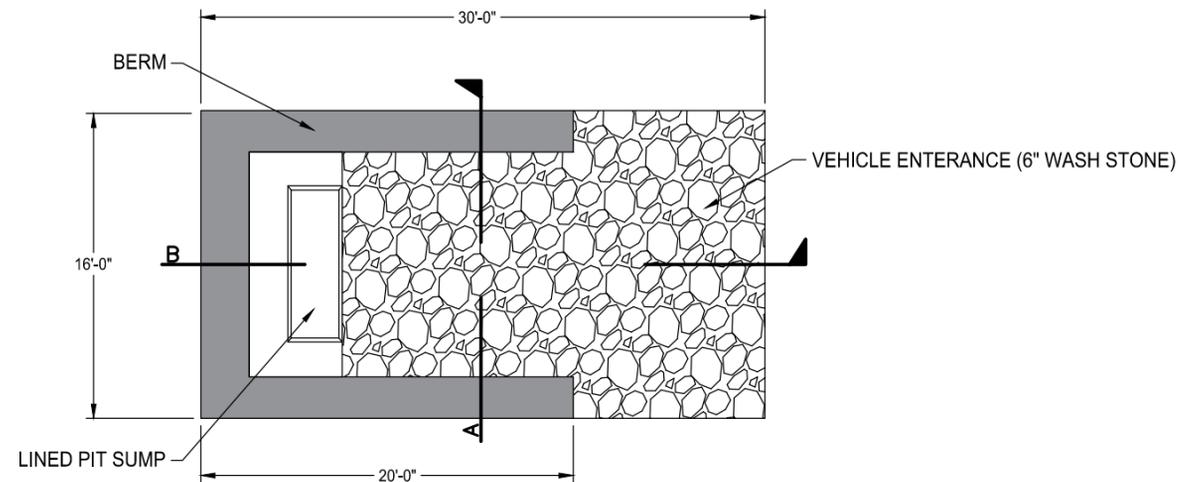


**AREA 1, PHASE 2 DETAILED DEVELOPMENT PLAN  
PARCEL 3 DEVELOPMENT**

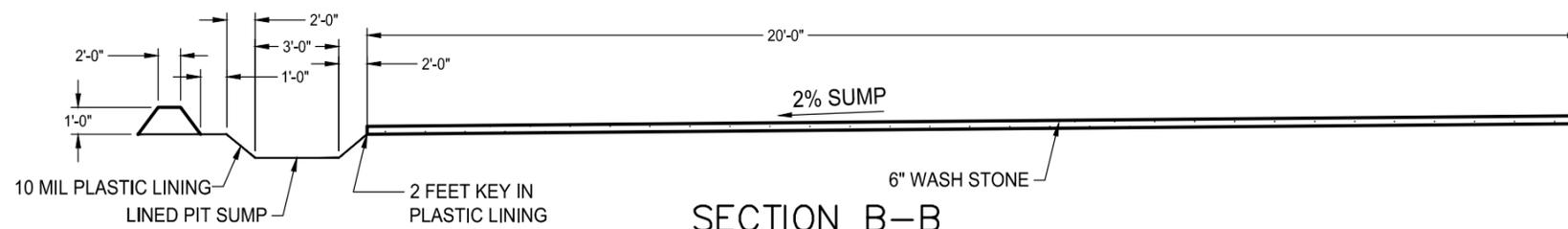
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**SECTION A-A**  
NOT TO SCALE



**SECTION B-B**  
NOT TO SCALE

**TYPICAL CONCRETE WASHOUT AREA DETAIL**  
NOT TO SCALE

NOTES:

- ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD AS NEEDED FOR THE SPECIFICALLY-PLANNED EQUIPMENT AND CONCRETE PUMP TRUCK. AS AN ALTERNATE TO THE PROPOSED CONCRETE WASHOUT, CONTRACTOR CAN UTILIZE OTHER OPTIONS SUCH AS PREFABRICATED CONCRETE WASHOUT CONTAINER (ROLL-OFF WASHOUTS).

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