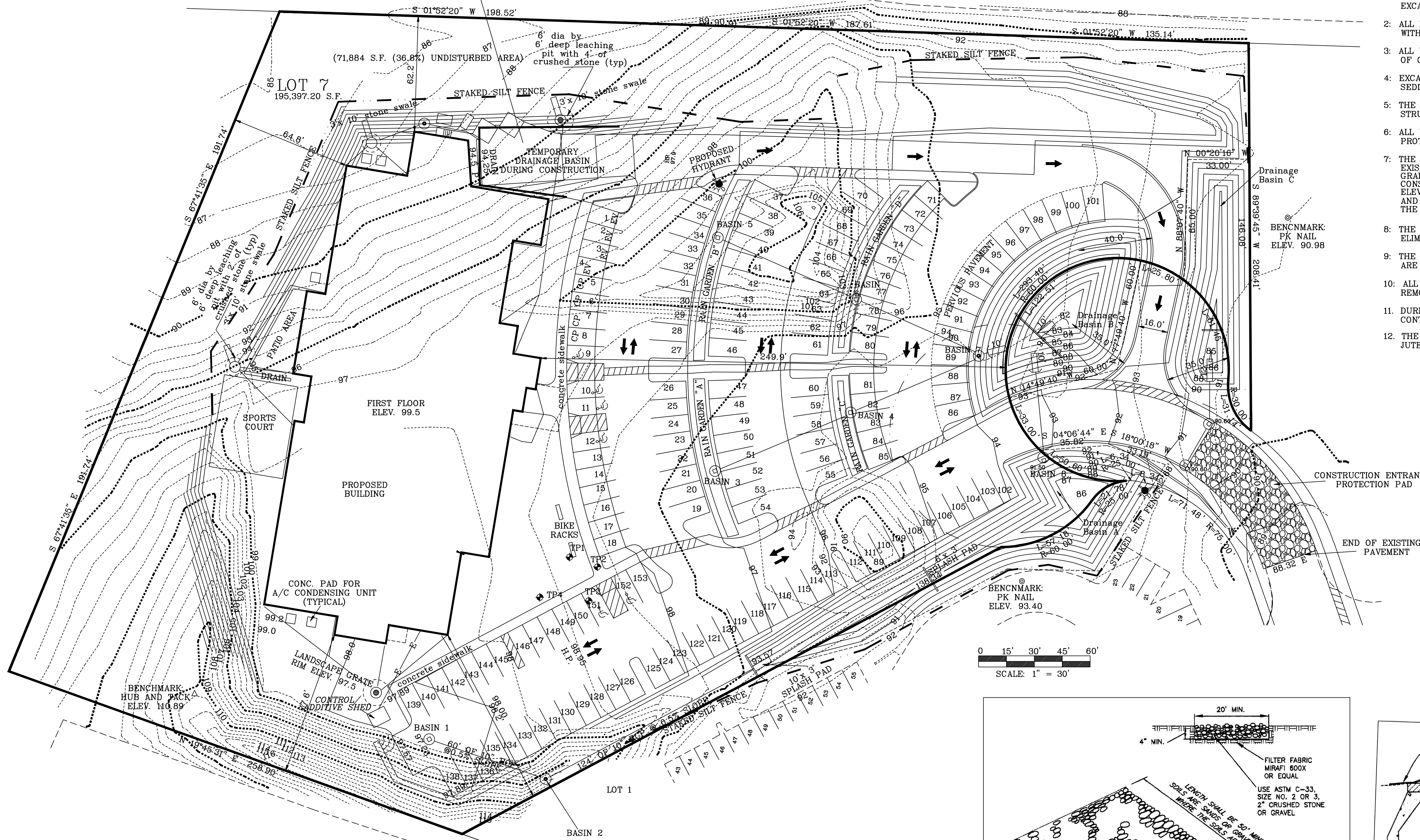


PILE DIRT TO CREATE A TEMPORARY DRAINAGE BASIN DURING CONSTRUCTION

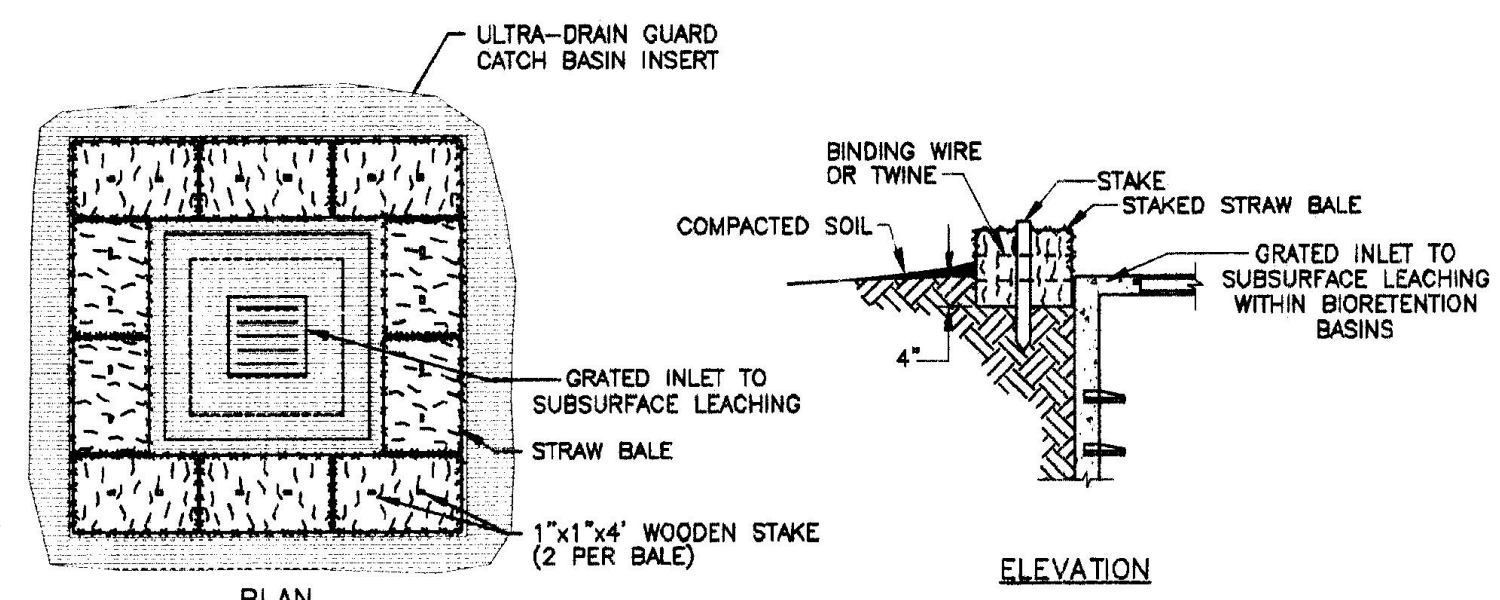
MacARTHUR BOULEVARD  
STATE HIGHWAY  
PUBLIC - VARIABLE WIDTH

**EROSION AND SEDIMENTATION CONTROL PLAN**

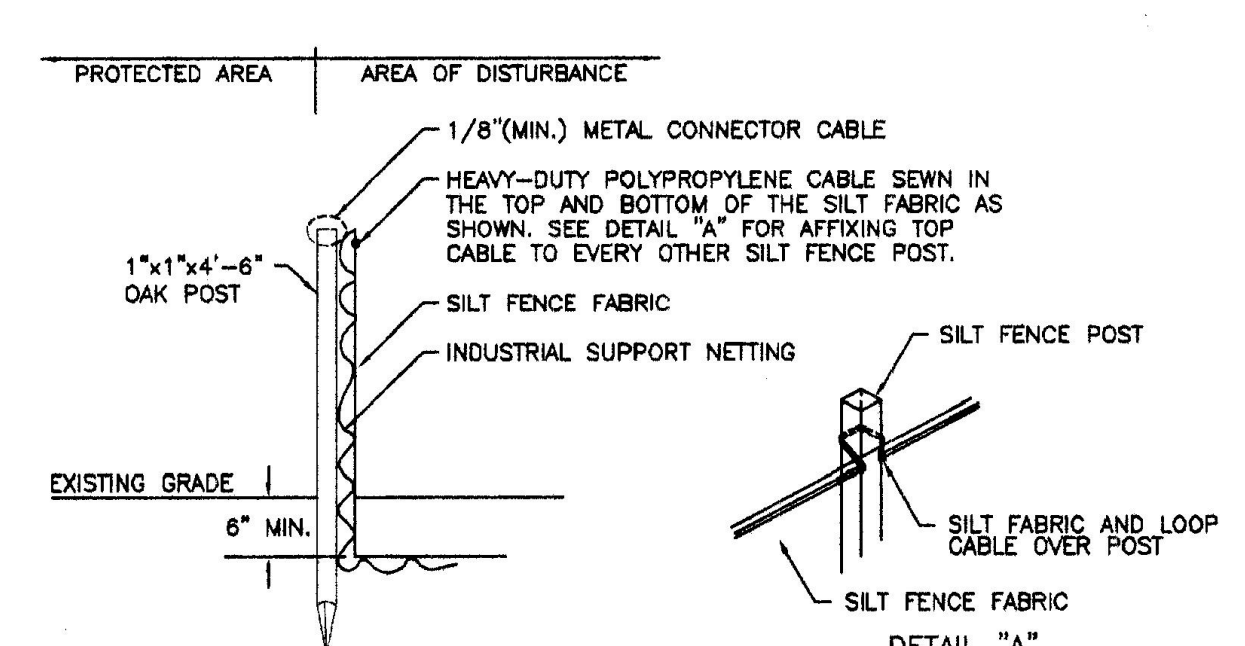
- 1: THE CONTRACTOR SHALL INSTALL THE LIMIT OF WORK PRIOR TO PERFORMING ANY CLEARING AND EXCAVATION ACTIVITIES ON THE SITE.
- 2: ALL EXCAVATED AREAS WITH A FINISHED SLOPE OF GREATER THAN 3 TO 1 SHALL BE STABILIZED WITH EROSION CONTROL MATTING.
- 3: ALL UNSUITABLE AND EXCESS MATERIAL NOT INTENDED FOR REUSE ON SITE SHALL BE DISPOSED OFF SITE.
- 4: EXCAVATED OR IMPORTED MATERIALS SHALL BE PILED AND STORED IN A WAY THAT WILL NOT ALLOW SEDIMENTS TO DAMAGE THE STORMWATER SYSTEM.
- 5: THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OF THE STORMWATER SYSTEM AND STRUCTURES DURING CONSTRUCTION.
- 6: ALL VEHICLES EXITING THE CONSTRUCTION SITE SHALL USE THE "CONSTRUCTION ENTRANCE PROTECTION" PAD TO AVOID TRACKING SEDIMENT OFF SITE.
- 7: THE DETENTION BASINS ON THE PLAN SHALL BE CONSTRUCTED AFTER THE DEMOLITION OF THE EXISTING STEEL FRAME, FOUNDATION AND EXISTING UTILITIES AND PRIOR TO ANY EXCAVATION GRADING OR REGRADING OF THE SITE AND USED AS TEMPORARY DETENTION BASINS DURING CONSTRUCTION. THE BASINS SHALL BE EXCAVATED TO WITHIN ONE FOOT OF THE FINAL BASIN ELEVATION. ANY SILTS OR SEDIMENTATION ACCUMULATED DURING CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF PRIOR TO THE COMPLETION OF THE BASINS. THE FOREBAYS AND CATCH BASINS DO NOT NEED TO BE CONSTRUCTED PRIOR TO ROUGH GRADING.
- 8: THE CONTRACTOR SHALL INSTALL SILT BAGS INSIDE THE CATCH BASINS DURING CONSTRUCTION TO ELIMINATE THE POSSIBILITY OF SEDIMENTS FROM FOULING STORMWATER STRUCTURES.
- 9: THE FINAL VEGETATED DETENTION BASINS AND FOREBAYS SHALL NOT BE COMPLETED UNTIL SLOPES ARE STABILIZED.
- 10: ALL PROTECTIVE MEASURES (SILT FENCES, SILT BAGS, ECT.) INSTALLED WITHIN THE SITE SHALL BE REMOVED ONCE ALL DISTURBED AREAS ARE STABILIZED.
- 11: DURING CONSTRUCTION, THE TEMPORARY DETENTION BASINS SHALL BE INSPECTED BY THE CONTRACTOR AFTER EVERY RAINFALL EVENT AND FIX ANY EROSION OR DAMAGE TO THE SYSTEM.
- 12: THE CONTRACTOR SHALL STABILIZE ALL SLOPES AS SOON AS POSSIBLE WITH HYDROSEED OR JUTE NETTING.



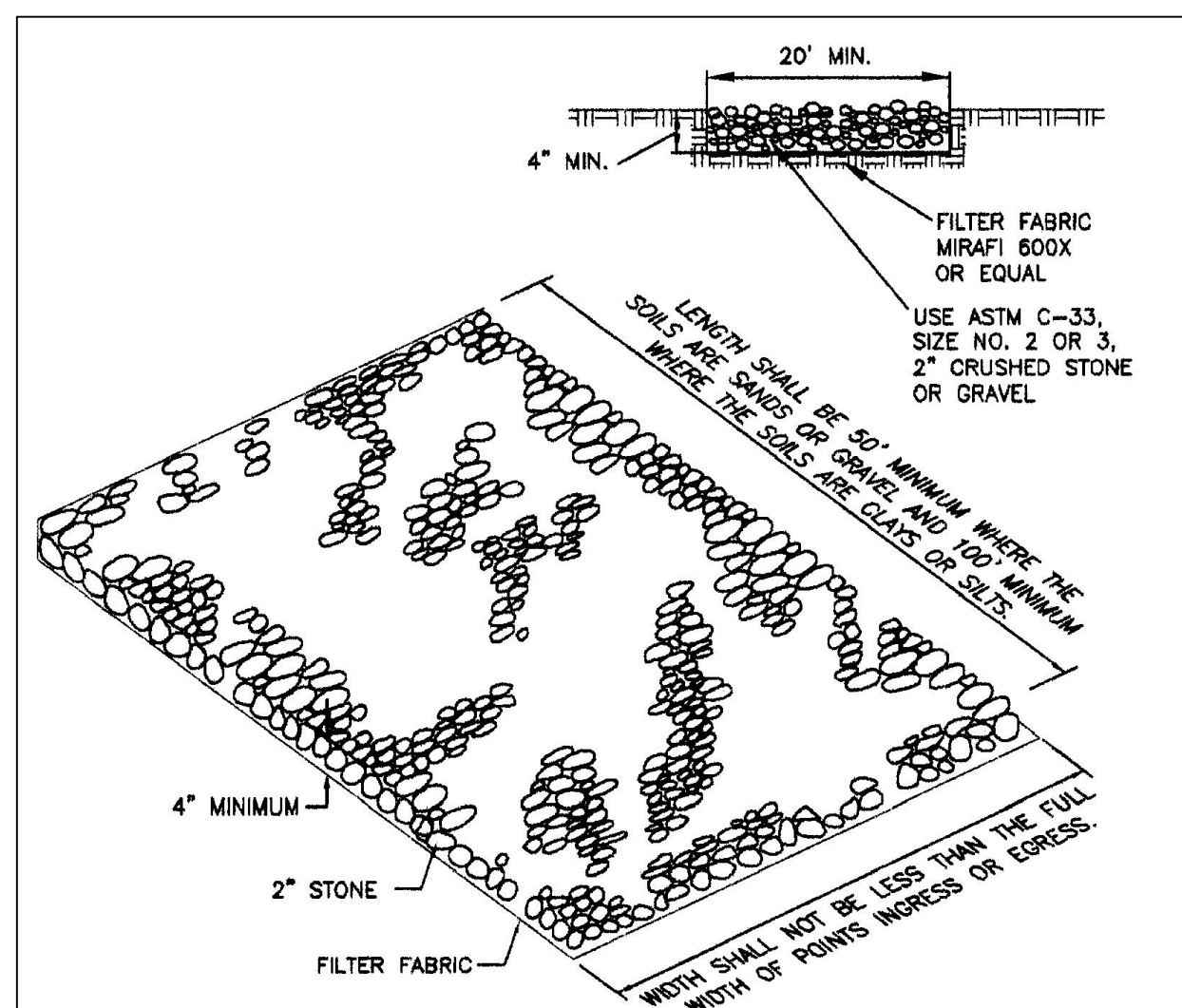
- GENERAL NOTES:**
1. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
  2. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH ENDS OF ADJACENT BALES PRESSED TOGETHER.
  3. ULTR-DRAIN GUARD INSERT SHALL BE PLACED IN CATCH BASIN.
  4. BALES SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.



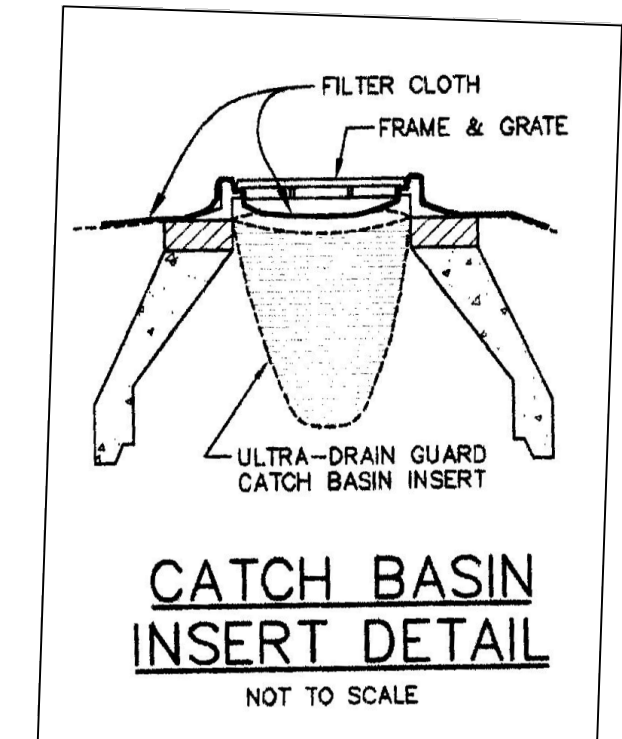
**STRAW BALE INLET SEDIMENT FILTER**  
NOT TO SCALE



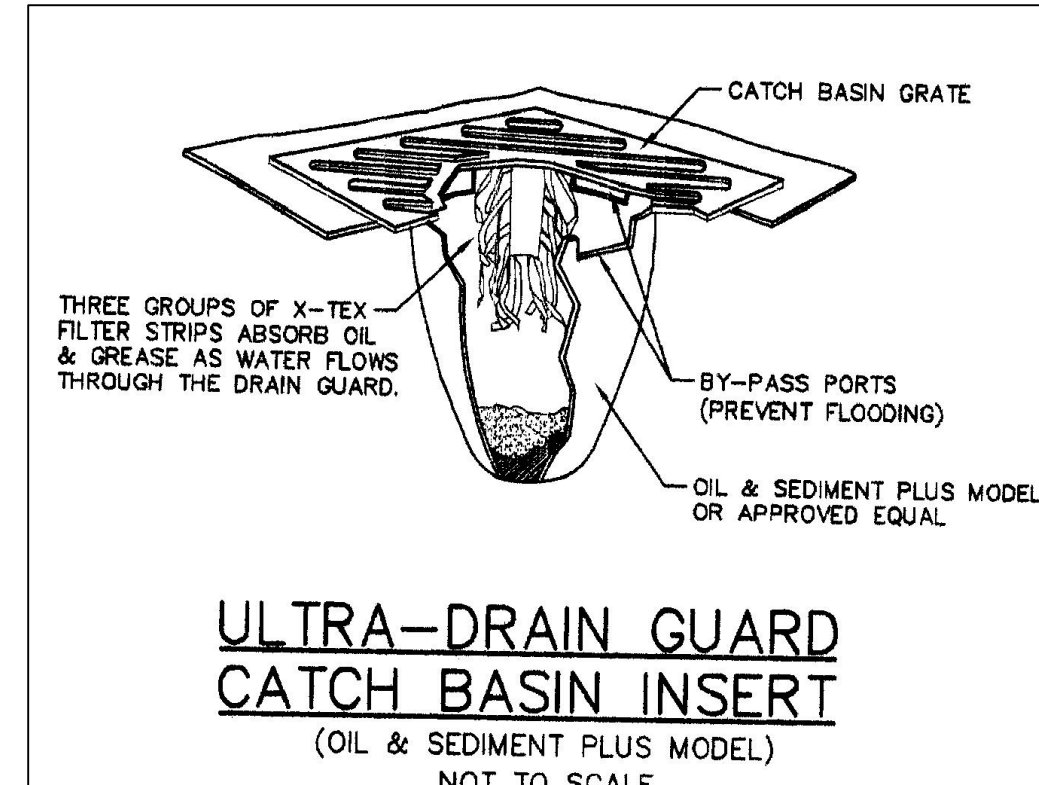
**SILT FENCE**  
NOT TO SCALE



**CONSTRUCTION ENTRANCE PROTECTION**  
NOT TO SCALE



**CATCH BASIN INSERT**  
NOT TO SCALE



**ULTRA-DRAIN GUARD CATCH BASIN INSERT**  
(OIL & SEDIMENT PLUS MODEL)  
NOT TO SCALE

**EROSION CONTROL PLAN**  
PREPARED FOR  
CDS  
OF  
LOT 7 TECHNOLOGY PARK DRIVE  
BOURNE, MA  
J.E. LANDERS-CAULEY, P.E.  
CIVIL ENVIRONMENTAL ENGINEERING  
P.O. BOX 364 WEST PALMOUTH, MA 02574  
(508) 540-7733 ph.  
(508) 540-3344 fax  
ASS.# 27.0-TDD DATE: 09/22/16  
SCALE: 1" = 30' DRAWN BY: JDR  
JOB NO. 1019-0616 SHEET: 1 OF 1