

BY	DR	DATE	DESCRIPTION
		4/15/10	REVISED FOR THE RECORD
REV	DATE	DESCRIPTION	
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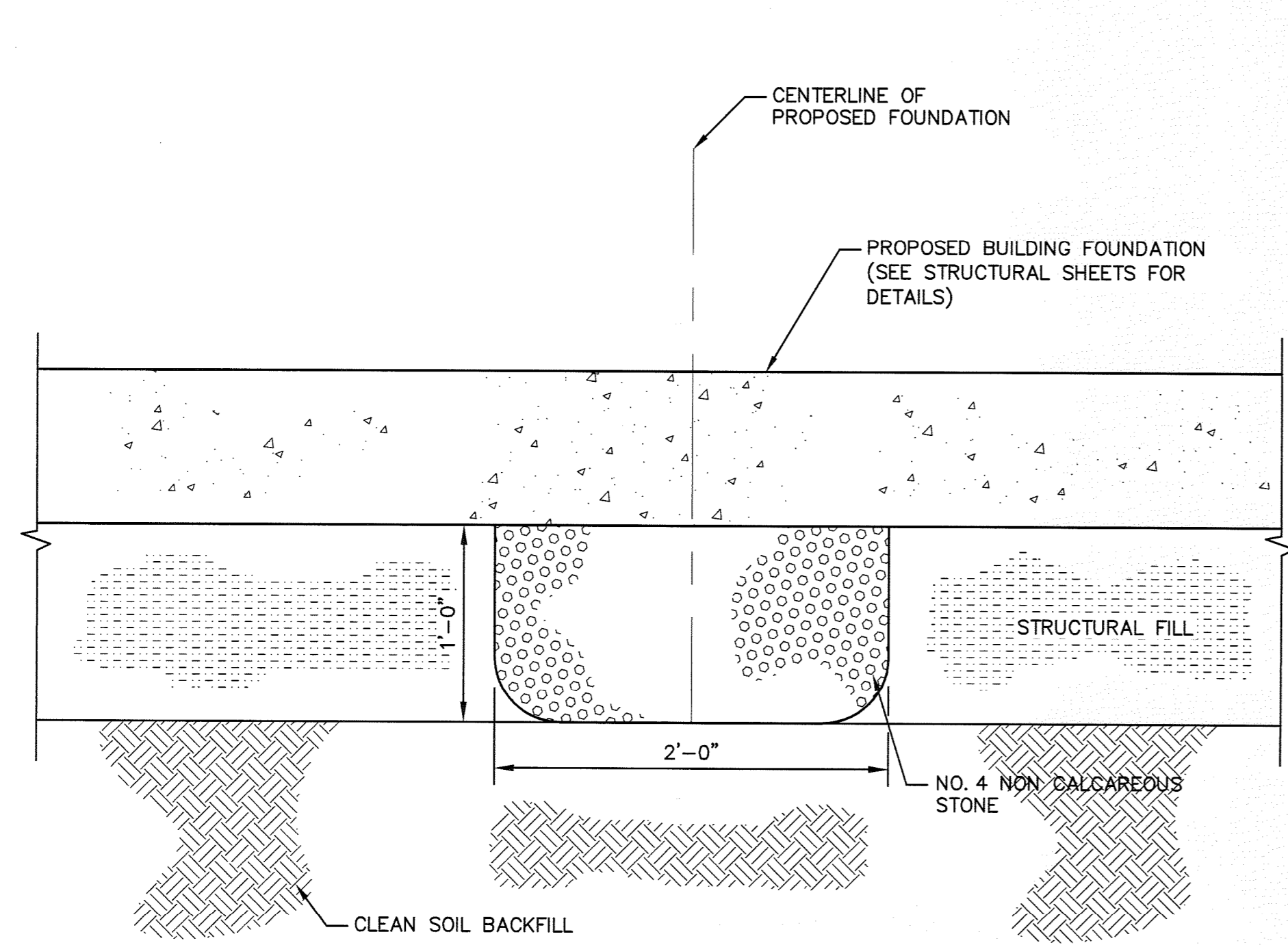
DRAWING TITLE: **DETAILS - 8**

PROJECT TITLE: **SOUTHEAST COUNTY LANDFILL LANDFILL GAS COLLECTION AND CONTROL SYSTEM PROJECT**

CLIENT: **HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT TAMPA, FLORIDA**

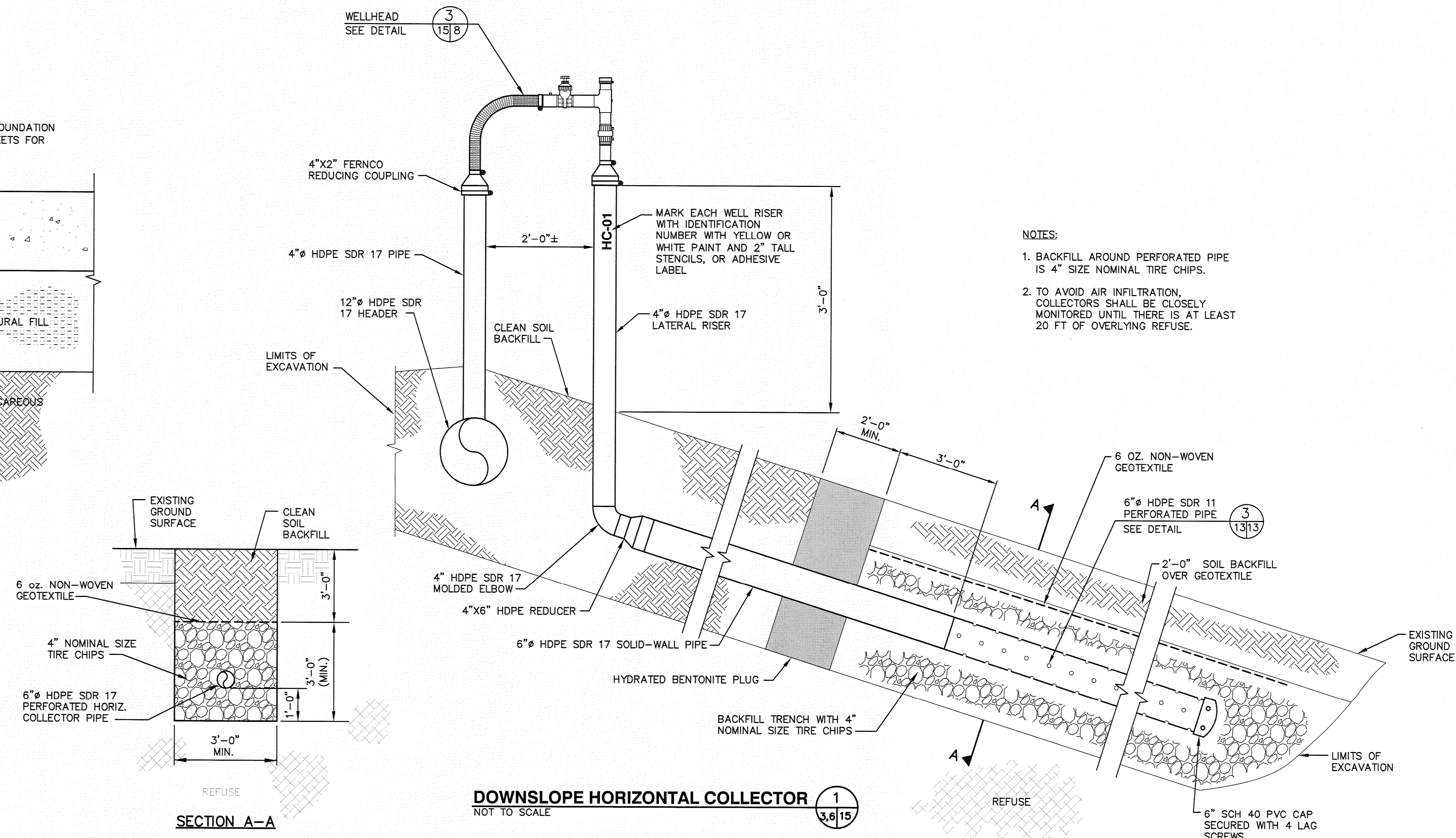
**SCS ENGINEERS**  
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 CONSULTING ENGINEERS  
 401 PARK OAKS BLVD., SUITE 100, TAMPA, FL 33610  
 813 821 0088 FAX 813 823 8757  
 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 0004882  
 PROJ. NO. 09207055.00  
 DWN. BY: SDA/RDJ  
 CHK. BY: DDC  
 CADD FILE: 075500DET1

CADD FILE: 075500DET1  
 DATE: OCTOBER 8, 2008  
 SCALE: NOT TO SCALE  
 DRAWING NO. **15** of 30



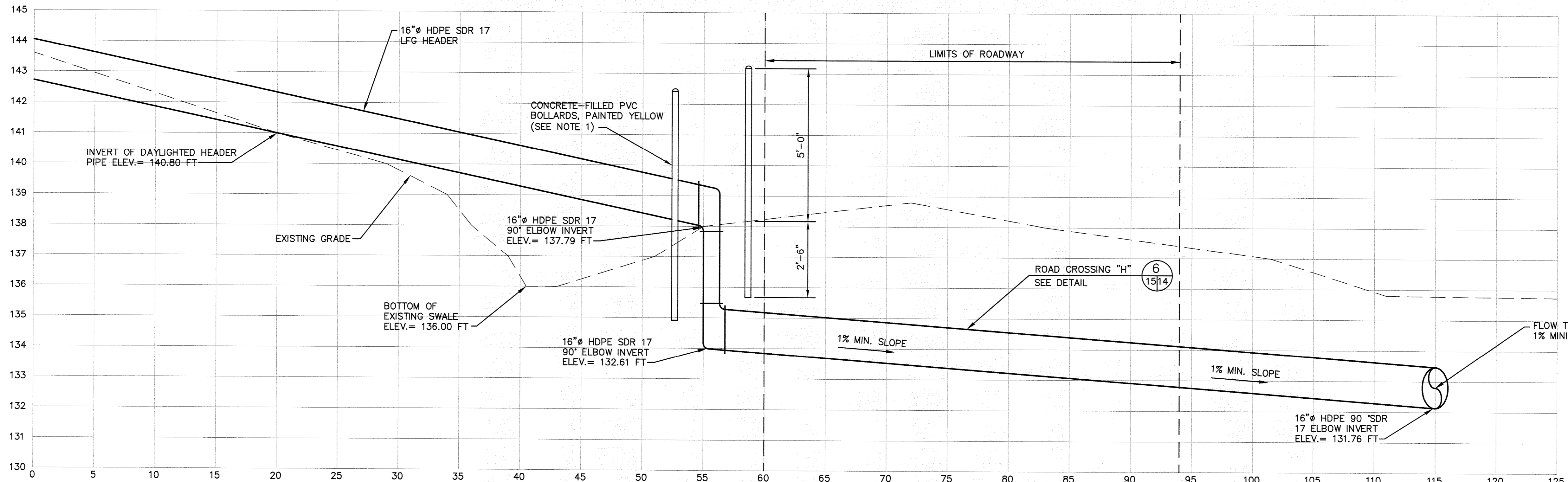
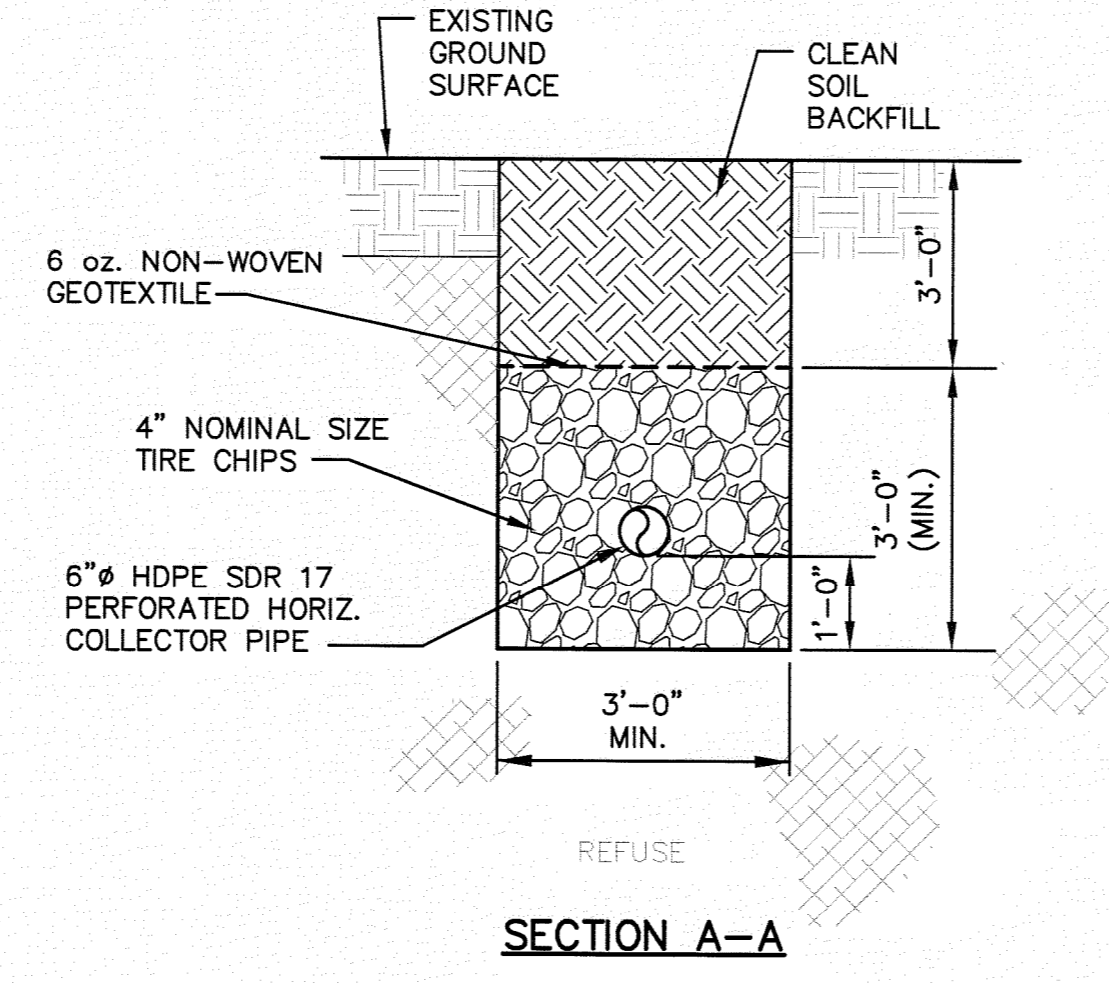
- NOTES:**
1. CONTRACTOR BROUGHT ELEVATIONS TO FINAL GRADE USING STRUCTURAL FILL THEN EXCAVATED 2' WIDE BY 1' DEEP TRENCH AND BACKFILLED WITH NO. 4 NON-CALCAREOUS STONE.
  2. TRENCH INSTALLED UNDER FOUNDATION AS SHOWN ON SHEET 7.
  3. TRENCH EXTENDED 2' BEYOND EDGE OF FOUNDATION ON BOTH ENDS.

**GRAVEL TRENCH DETAIL** 2 / 7 15  
 NOT TO SCALE



- NOTES:**
1. BACKFILL AROUND PERFORATED PIPE IS 4" SIZE NOMINAL TIRE CHIPS.
  2. TO AVOID AIR INFILTRATION, COLLECTORS SHALL BE CLOSELY MONITORED UNTIL THERE IS AT LEAST 20 FT OF OVERLYING REFUSE.

**DOWNSLOPE HORIZONTAL COLLECTOR** 1 / 3,6 15  
 NOT TO SCALE



- NOTES:**
1. CONTRACTOR INSTALLED 4 BOLLARDS IN SQUARE PATTERN WITH CORNERS 3 FEET FROM CENTER OF HEADER ELBOW. BOLLARDS ARE CONCRETE-FILLED PVC PIPES, 6" X 7'-6" TALL. BOLLARDS SHALL BE PAINTED SAFETY YELLOW.

**DRAINAGE SWALE CROSSING** 3 / 7 15  
 SCALE: 1" = 5' HORIZONTAL  
 1" = 2' VERTICAL

**RECORD DRAWING**  
 DATE: APRIL 15, 2010

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