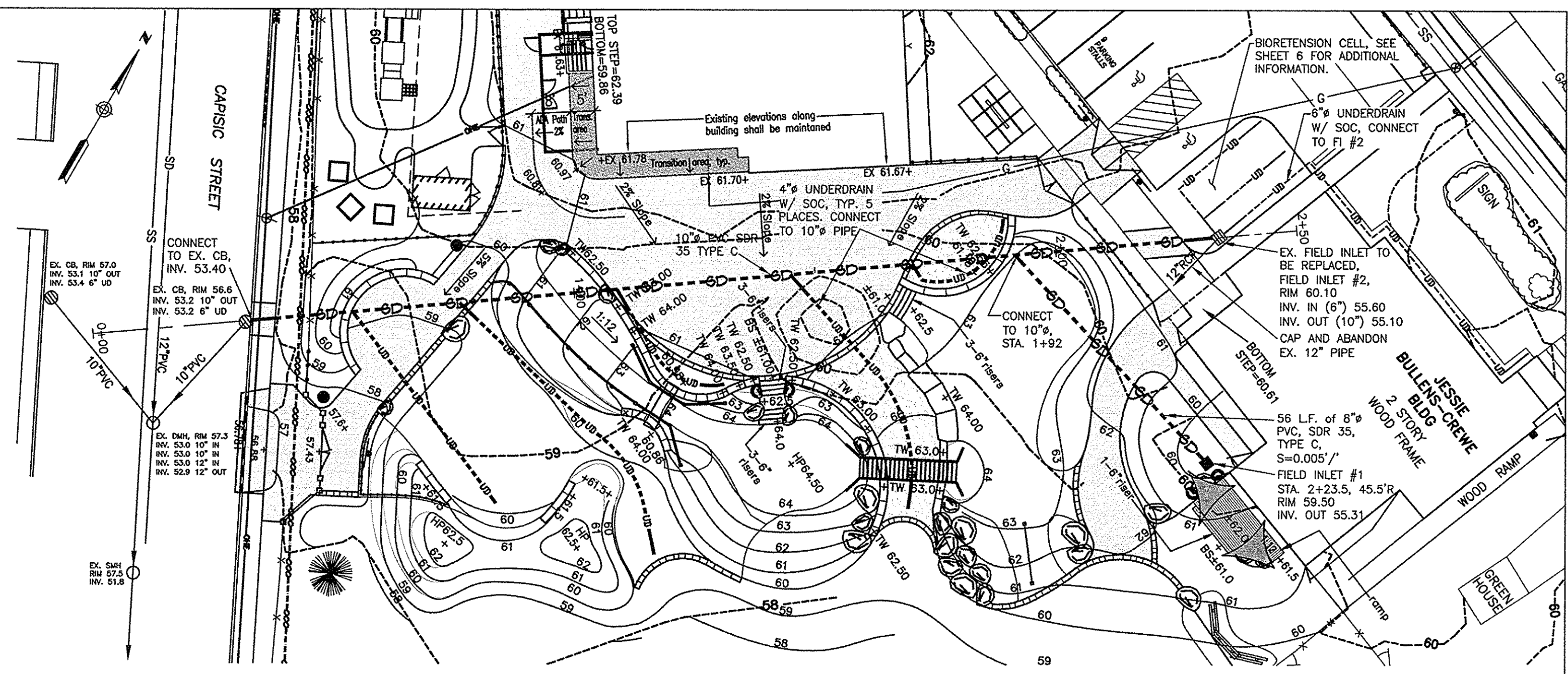
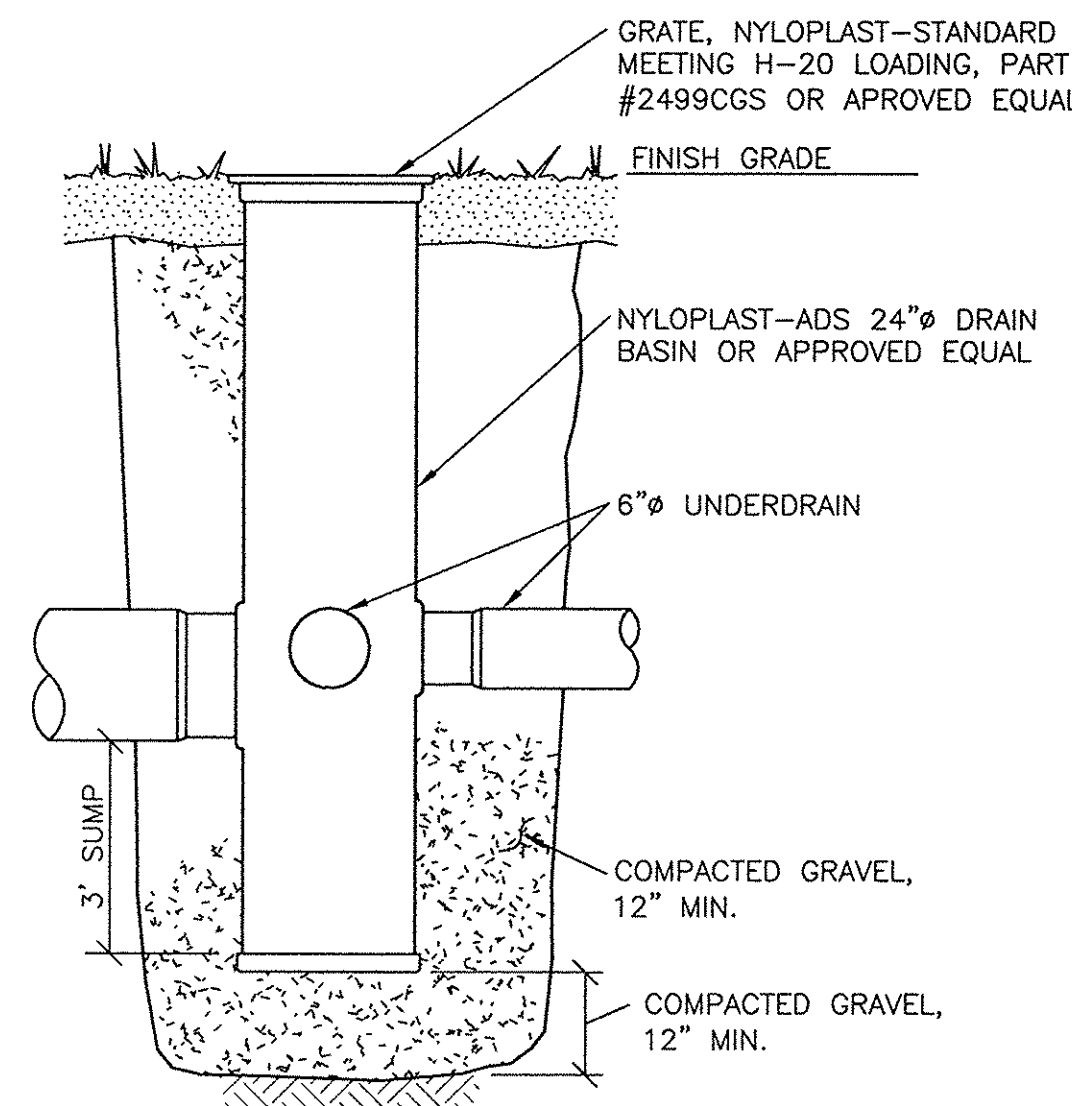


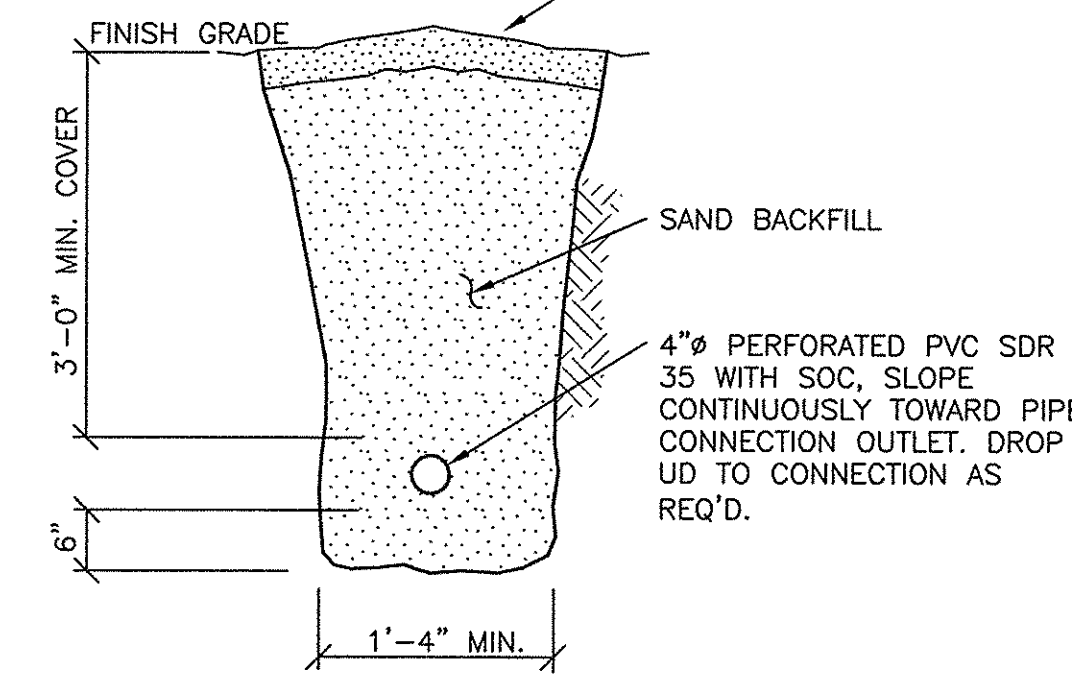
**1 UNDERDRAIN SECTION AT BUILDING**  
NOT TO SCALE



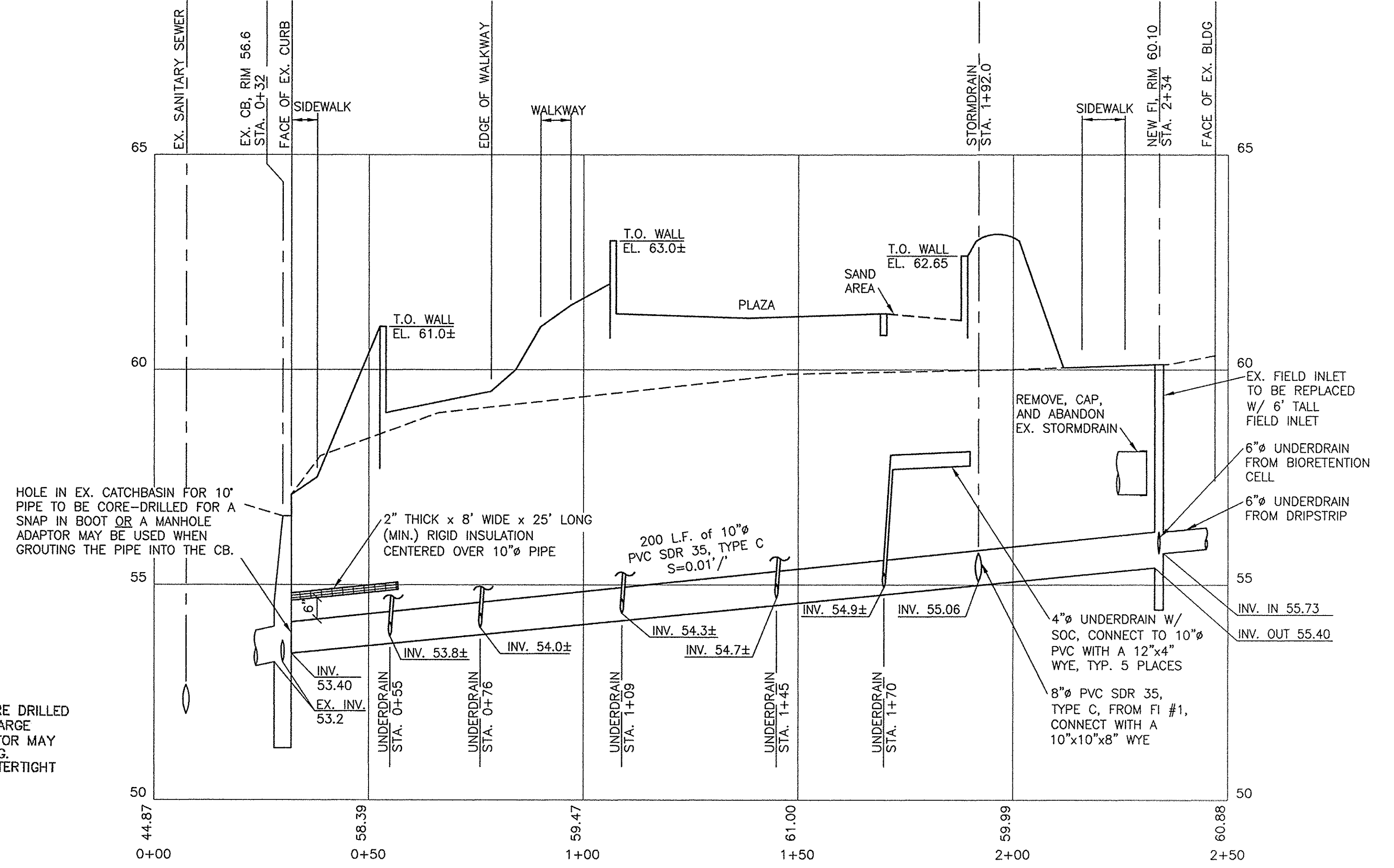
**STORMDRAIN PLAN**  
SCALE: 1"=20'



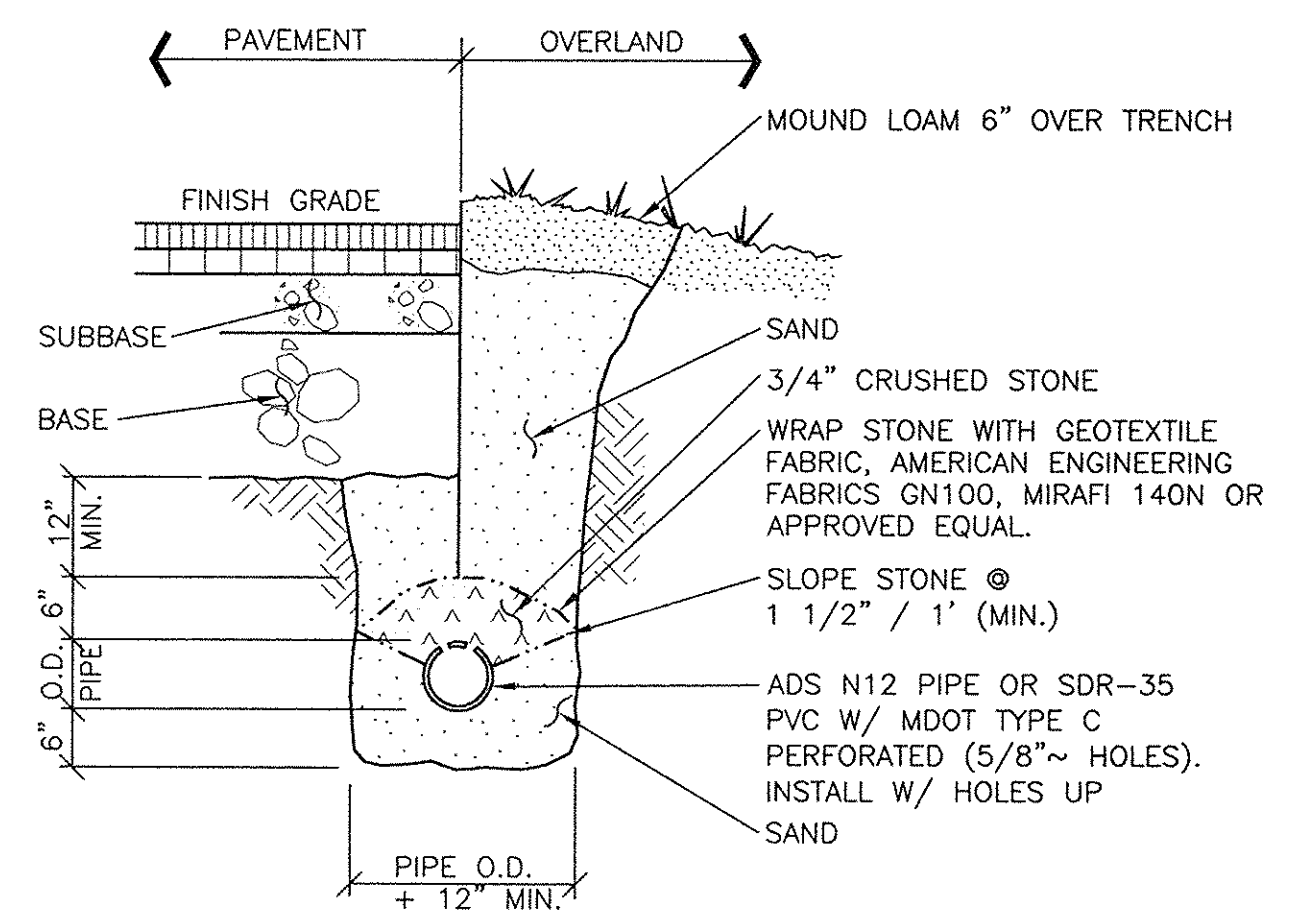
**3 FIELD INLET DETAIL**  
NOT TO SCALE



**2 UNDERDRAIN TRENCH SECTION**  
NOT TO SCALE



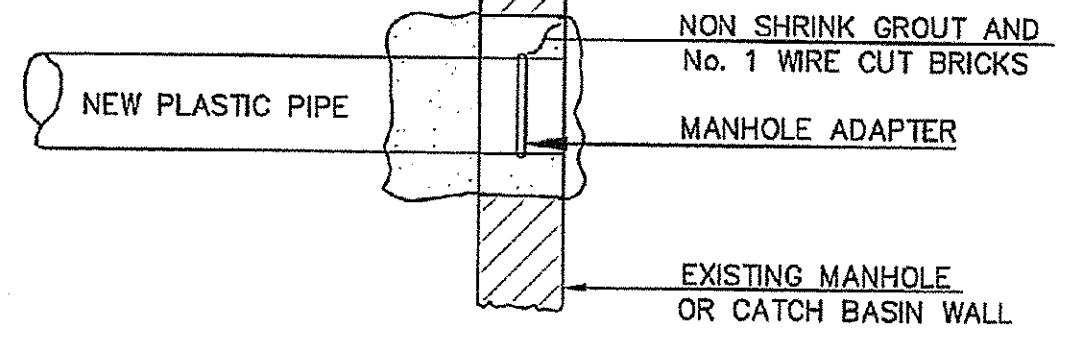
**STORMDRAIN PROFILE**  
SCALE: HORIZ. 1"=20'  
VERT. 1"=2'



**5 TYPE \"C\" STORM DRAIN TRENCH SECTION**  
NOT TO SCALE

**NOTE:** EXISTING MANHOLE OR CATCH BASIN SHALL BE CORE DRILLED FOR PIPE INSTALLATION. IF PIPE DIAMETER IS SO LARGE THAT CORE DRILLING IS PROHIBITED, THE CONTRACTOR MAY SAW CUT THE STRUCTURE TO CREATE PIPE OPENING. THE NEW OPENING MUST THEN BE SEALED AND WATERTIGHT BOTH INSIDE AND OUTSIDE THE STRUCTURE.

**NOTE:** REMOVE WATERPROOFING FROM STRUCTURE BEFORE APPLYING MORTAR. WATERPROOF AGAIN AFTER MORTAR HAS SET.



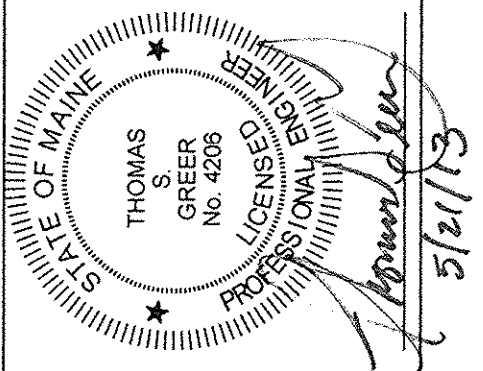
**4 PIPE CONNECTION METHOD 3 (II-14)**  
NOT TO SCALE

**METHOD 3 - NEW PIPE INTO EXISTING STRUCTURE**

DRAFTED BY: MAP & P&G  
CHECKED BY: TJC  
PLAN DATE: 11/29/2012  
REVISION DATE: 3/8/13, REVISED STORMDRAIN LOCATION & CONNECTION TO CITY SYSTEM  
9/20/16, ADDED BIOTENSION CELL



**tjd&a**  
Terrence J. DeWan & Associates  
Landscape Architects & Planners



**BREAKWATER SCHOOL AND NASON PARK**  
Portland, Maine  
**Stormdrain Plan, Profile & Details**