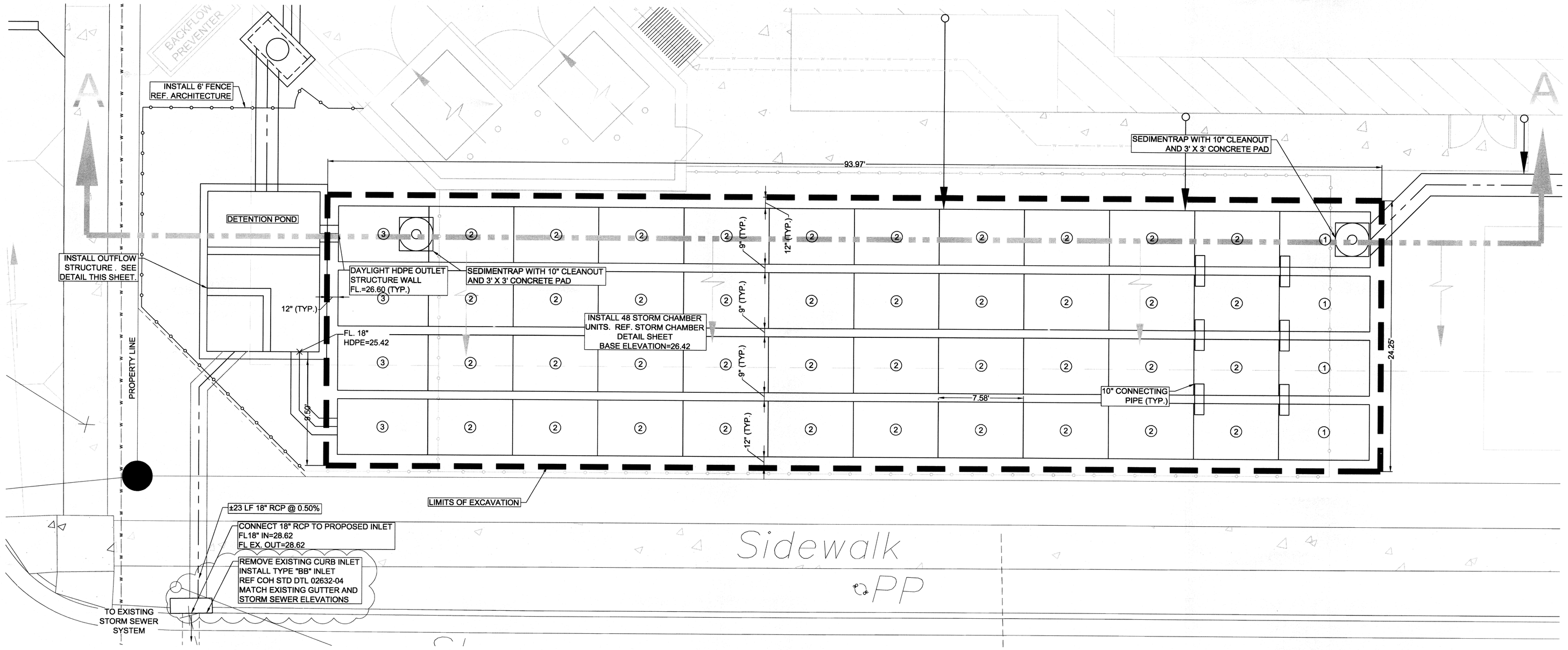
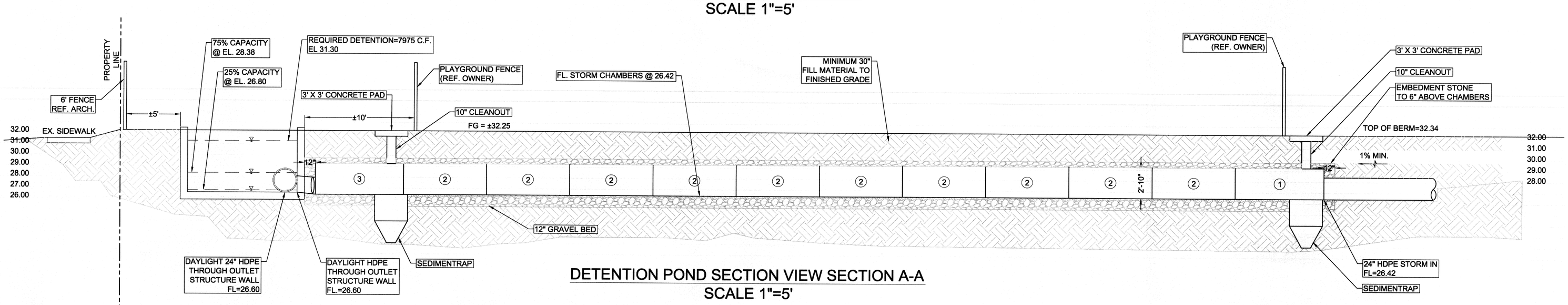


DETENTION POND PLAN VIEW
SCALE 1"=5'



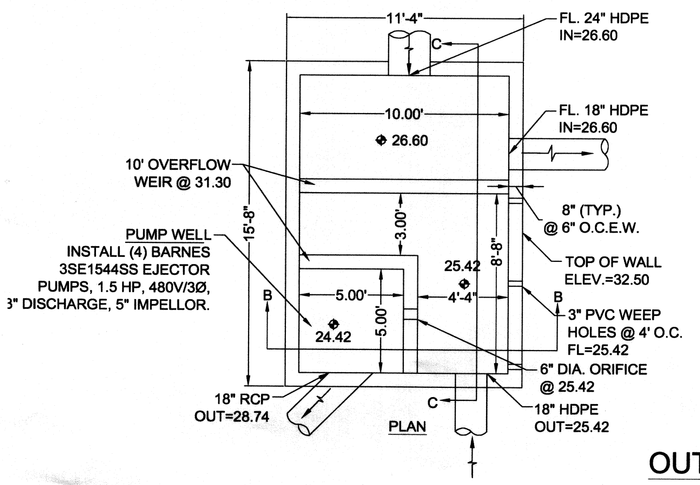
DETENTION POND SECTION VIEW SECTION A-A
SCALE 1"=5'

NOTE:
REFERENCE DRAINAGE PLAN SHEET C10 FOR POND CALCULATIONS.

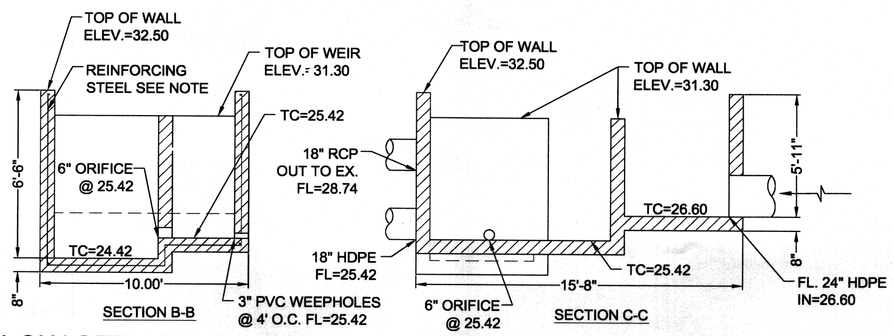
REFERENCE C12 FOR STORMCHAMBER INSTALLATION DETAILS.

PUMP NOTES:

1. FLOAT ELEVATIONS:
   FLOAT 1=25.42
   FLOAT 2=28.38
2. CONTROL SHALL BE SET SO FLOAT 1 ENGAGES (1) PUMP. FLOAT 2 ENGAGES REMAINING THREE PUMPS. CONTROLLER SHALL ALTERNATE LOW FLOW PUMP.
3. EACH PUMP DISCHARGE SHALL CONNECT TO 18" RCP INDIVIDUALLY AT 45 DEGREE ANGLE. EACH DISCHARGE LINE SHALL HAVE (1) GATE VALVE AND (1) CHECK VALVE.



NOTE:
CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI. REINFORCING STEEL SHALL BE #6 BARS 60KSI PLACE AT CORNERS AND AT 1.0' O.C.E.W. 4" DEPTH.



OUTFLOW STRUCTURE DETAIL
SCALE 1"=5'

LEGEND

- BOUNDARY
- ADJACENT BOUNDARY
- BUILDING LINE
- EASEMENT
- EXISTING CONTOUR
- PROPOSED CONTOUR
- WATER LINE
- WASTEWATER LINE
- OVERHEAD ELECTRIC
- STORMSEWER
- (1) START CHAMBER
- (2) MIDDLE CHAMBER
- (3) END CHAMBER

TEXAS DESIGN INTERESTS, LLC
6001 W. WILLIAM CANNON
BUILDING 2, SUITE 203-C
AUSTIN, TX 78749
(512) 301-3389 (o)
(512) 301-3348 (f)
COMMERCIAL/RESIDENTIAL - CIVIL & STRUCTURAL ENGINEERING

BOWIE STREET CAMPUS
7310 BOWIE STREET
HOUSTON, TX 77012

HATCH + ULLAND OWEN ARCHITECTS

STATE OF TEXAS
JEFFREY B. SHINDLER
91160
REGISTERED PROFESSIONAL ENGINEER
24 AUG 10
FIRM REG. # F-8601

DETENTION POND PLAN

PROJECT # 302-103

DATE 10/29/09

SHEET C11

11 OF 16