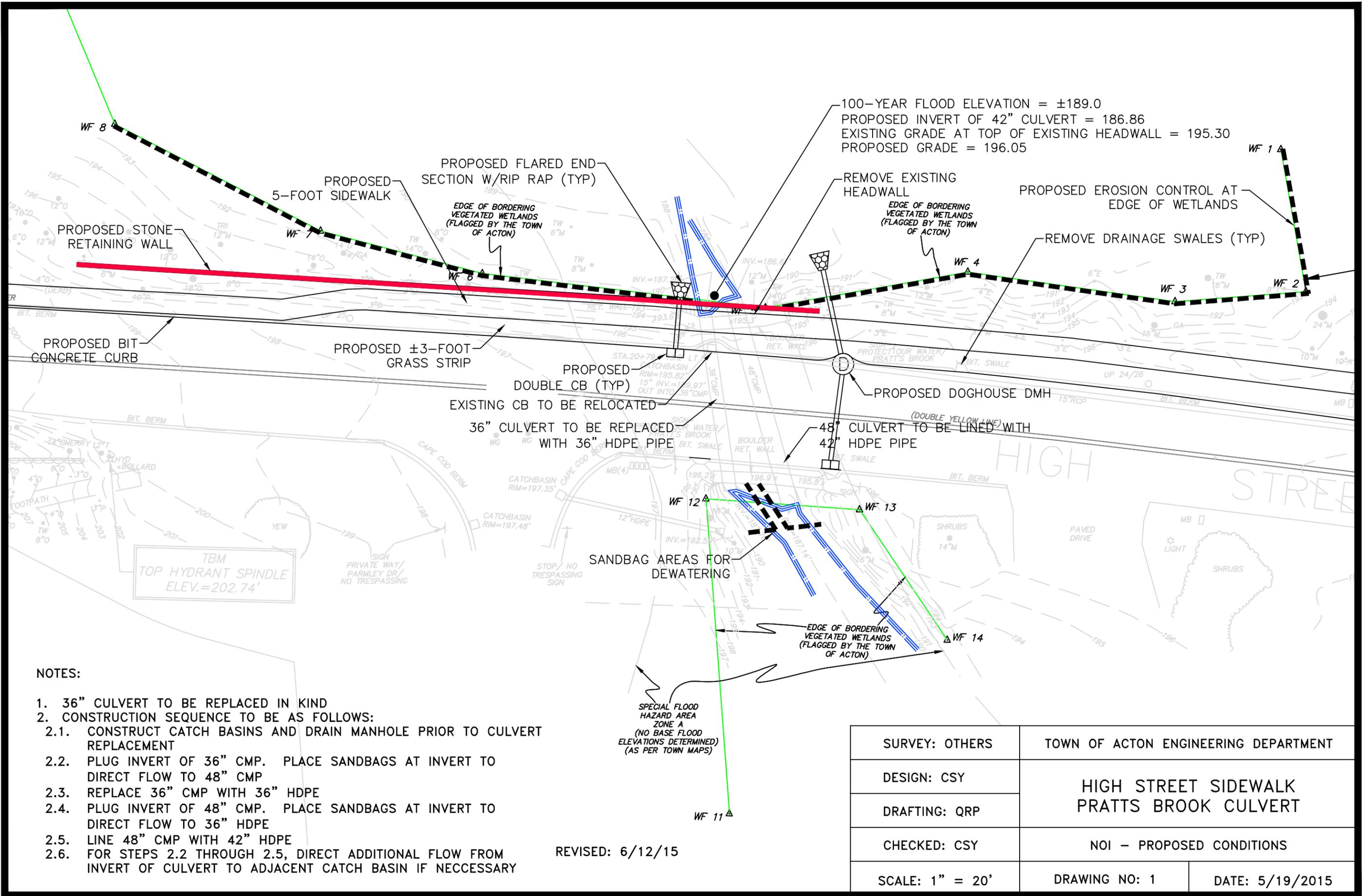


Drawing name: P:\Drawings\High Street Sidewalk - Audubon to Parker - S&M\Audubon to Parker St\High Street Sidewalk - NOI Plan.dwg  
Jun 12, 2015 - 16:32pm



100-YEAR FLOOD ELEVATION = ±189.0  
 PROPOSED INVERT OF 42" CULVERT = 186.86  
 EXISTING GRADE AT TOP OF EXISTING HEADWALL = 195.30  
 PROPOSED GRADE = 196.05

**NOTES:**

1. 36" CULVERT TO BE REPLACED IN KIND
2. CONSTRUCTION SEQUENCE TO BE AS FOLLOWS:
  - 2.1. CONSTRUCT CATCH BASINS AND DRAIN MANHOLE PRIOR TO CULVERT REPLACEMENT
  - 2.2. PLUG INVERT OF 36" CMP. PLACE SANDBAGS AT INVERT TO DIRECT FLOW TO 48" CMP
  - 2.3. REPLACE 36" CMP WITH 36" HDPE
  - 2.4. PLUG INVERT OF 48" CMP. PLACE SANDBAGS AT INVERT TO DIRECT FLOW TO 36" HDPE
  - 2.5. LINE 48" CMP WITH 42" HDPE
  - 2.6. FOR STEPS 2.2 THROUGH 2.5, DIRECT ADDITIONAL FLOW FROM INVERT OF CULVERT TO ADJACENT CATCH BASIN IF NECESSARY

REVISED: 6/12/15

SURVEY: OTHERS	TOWN OF ACTON ENGINEERING DEPARTMENT	
DESIGN: CSY	HIGH STREET SIDEWALK PRATTS BROOK CULVERT	
DRAFTING: QRP		
CHECKED: CSY	NOI - PROPOSED CONDITIONS	
SCALE: 1" = 20'	DRAWING NO: 1	DATE: 5/19/2015