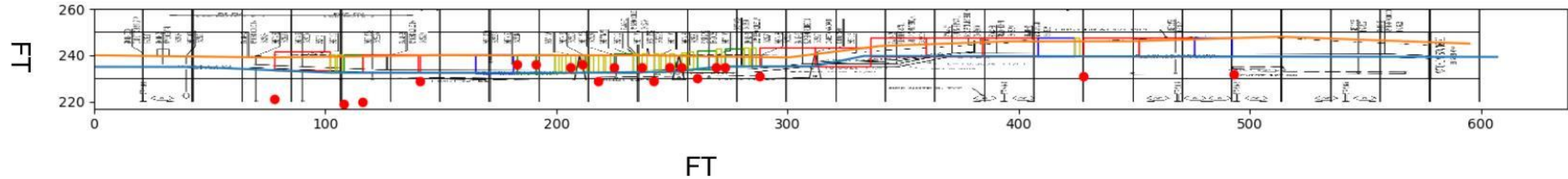


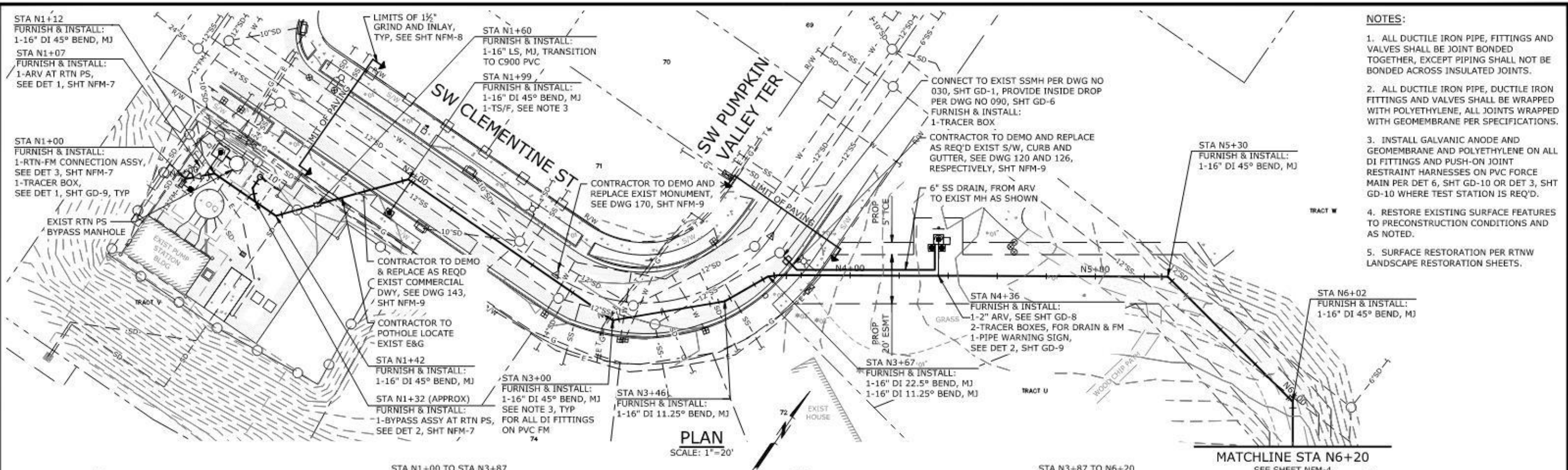
## Trench Shoring Configuration



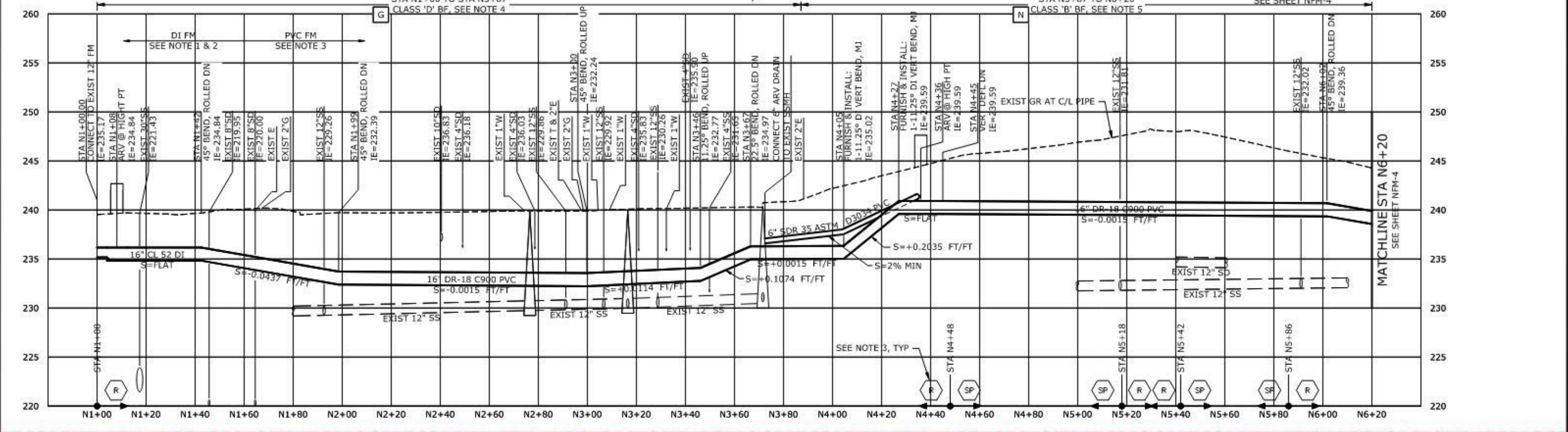
- Blue Box: 16 ft drag box
- Red box: 24 ft drag box
- Green box 8 ft drag box
- Yellow box: 2ft speed shore
- Orange Line: Ground Elevation
- Blue line: Elevation of new utility
- Red Dot Denotes Crossing Utility

[Back Fill: ', 16001.692800000003]

G:\PDX\_Projects\17\2002 - CMS River Terrace South\CAD\Sheets\17-2002-OR-C-RTN FM.dwg NFM-3 4/24/2018 4:19 PM BRETT WILLIAMS 21.0s (LMS Tech)



- NOTES:**
1. ALL DUCTILE IRON PIPE, FITTINGS AND VALVES SHALL BE JOINT BONDED TOGETHER, EXCEPT PIPING SHALL NOT BE BONDED ACROSS INSULATED JOINTS.
  2. ALL DUCTILE IRON PIPE, DUCTILE IRON FITTINGS AND VALVES SHALL BE WRAPPED WITH POLYETHYLENE, ALL JOINTS WRAPPED WITH GEOMEMBRANE PER SPECIFICATIONS.
  3. INSTALL GALVANIC ANODE AND GEOMEMBRANE AND POLYETHYLENE ON ALL DI FITTINGS AND PUSH-ON JOINT RESTRAINT HARNESS ON PVC FORCE MAIN PER DET 6, SHT GD-10 OR DET 3, SHT GD-10 WHERE TEST STATION IS REQ'D.
  4. RESTORE EXISTING SURFACE FEATURES TO PRECONSTRUCTION CONDITIONS AND AS NOTED.
  5. SURFACE RESTORATION PER RTNW LANDSCAPE RESTORATION SHEETS.



**PROFILE**  
SCALE: 1"=20' HORIZ, 1"=5' VERT

**NOTICE**

IF THIS DRAWING DOES NOT MEASURE TO SCALE, THE DRAWING IS NOT TO SCALE.

**DESIGNER**

**CAD DRAWN**

**MJC CHECKED**

**PRELIMINARY ONLY**

DO NOT USE FOR CONSTRUCTION

PRJ: 2018

**murraysmith**

**90% DESIGN**

RIVER TERRACE NORTH

FORCE MAIN - PLAN & PROFILE

STA N1+00 TO STA N6+20

**NFM-3**

**CleanWater Services**

Our commitment is clear.

RIVER TERRACE SOUTH

PUMP STATION PROJECT NO. 6827 AND

ROY ROGERS GRAVITY PROJECT NO. 6893

DATE: \_\_\_\_\_ BY: \_\_\_\_\_ REVISION: \_\_\_\_\_

PROJECT NO.: 17-2002 SCALE: AS SHOWN DATE: APRIL 2018

SHEET \_\_\_\_\_ OF \_\_\_\_\_