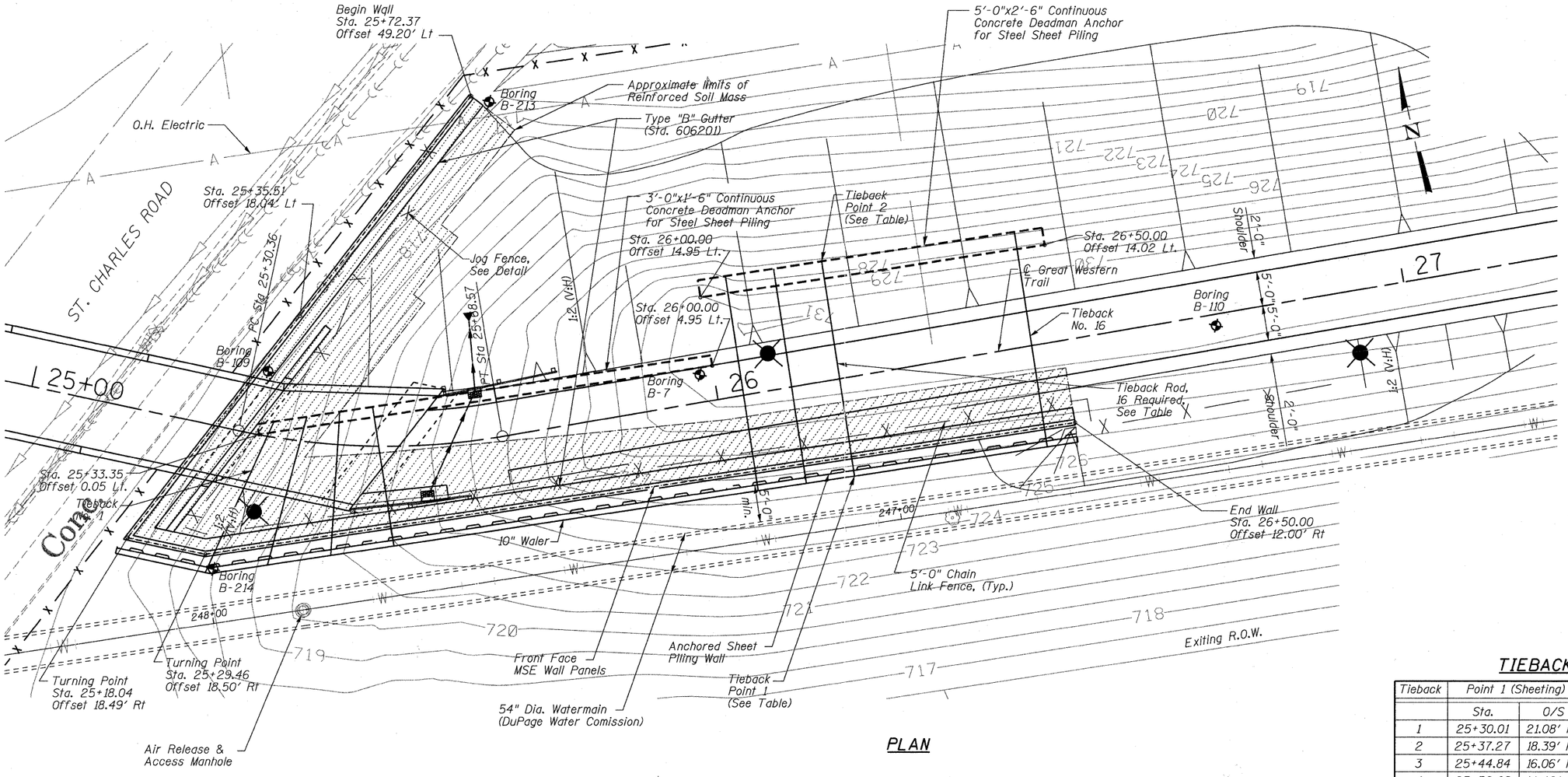

PLAN

PROP. CURVE GWT CL REV-5
PI STA. = 25+49.70
Δ = 21° 53' 19" (LT)
D = 57° 17' 45"
R = 100.00'
T = 19.34'
L = 38.20'
E = 1.85'
P.C. STA = 25+30.36
P.T. STA = 25+68.57

CURVE DATA

TIEBACK TABLE

Tieback	Point 1 (Sheeting)		Point 2 (Deadman)	
	Sta.	O/S	Sta.	O/S
1	25+30.01	21.08' Rt.	25+35.16	2.23' Lt.
2	25+37.27	18.39' Rt.	25+39.88	3.61' Lt.
3	25+44.84	16.06' Rt.	25+44.72	4.76' Lt.
4	25+52.68	14.42' Rt.	25+49.67	5.69' Lt.
5	25+60.54	13.51' Rt.	25+59.20	6.79' Lt.
6	25+68.48	13.31' Rt.	25+68.85	7.03' Lt.
7	25+77.47	13.48' Rt.	25+77.85	6.86' Lt.
8	25+86.46	13.65' Rt.	25+86.85	6.70' Lt.
9	25+95.46	13.82' Rt.	25+95.84	6.53' Lt.
10	26+03.46	13.97' Rt.	26+04.05	17.38' Lt.
11	26+10.46	14.10' Rt.	26+11.05	17.25' Lt.
12	26+17.46	14.23' Rt.	26+18.05	17.12' Lt.
13	26+24.46	14.36' Rt.	26+25.05	16.99' Lt.
14	26+31.46	14.49' Rt.	26+32.05	16.85' Lt.
15	26+38.46	14.62' Rt.	26+39.04	16.72' Lt.
16	26+45.45	14.75' Rt.	26+46.04	16.59' Lt.

Notes:

1. The existing water transmission main and all appurtenances shall be field verified prior to construction and any excavation activities with an opportunity for the DuPage Water Commission to witness the field verifications. Field locating shall consist of physically locating the watermain at the beginning and end of the sheet piling wall.
2. See Special Provisions for Mechanically Stabilized Earth Retaining Wall for design and construction requirements.
3. See Special Provisions for Permanent MSE Wall Steel Sheet Piling for material and construction requirements.
4. Permanent Steel Sheet Piling, walers, tie rods and deadman elements shall be installed prior to construction of Mechanically Stablized Earth Retaining Wall.
5. Cast-in-place concrete and reinforcing steel, epoxy coated, required for coping will be included in payment for Mechanically Stabilized Earth Retaining Wall, see Special Provisions.
6. Mechanically Stabilized Earth retaining wall supplier to coordinate location and lengths of soil reinforcement with light pole, conduit, and unit duct locations shown on Lighting Plans to avoid conflicts. Any load transfer system required shall be detailed and shown on Mechanically Stabilized Earth retaining wall Shop Drawings.
7. Sonotubes shall be installed by Contractor where light pole locations interfere with soil reinforcement.
8. For Fence and Gutter limits and details, see Roadway Plans.
9. Contractor shall coordinate MSE retaining wall construction with abutment construction.
10. The Contractor shall be cognizant about the site constraints and the related challenges associated with this work. Installation procedures will be affected by existing conditions and may require modifications to the details and/or procedures shown on the plans. It is the Contractor's responsibility to determine the most cost-effective method of construction and include all items necessary for the proper and safe execution of the work.

Approximate Limit of
Reinforced Soil Mass

FILE NAME = w:\756-004.lombard - gwt bridges phase 1\cadd sheets\structural\ST CHARLS\022312I-022-East Abut and MSE bill.dgn

Bollinger, Lach & Associates, Inc. ITASCA, ILLINOIS	USER NAME = gonzalo	DESIGNED SRT	REVISED -	STATE OF ILLINOIS GREAT WESTERN TRAIL ST. CHARLES ROAD	EAST ABUTMENT PLAN STRUCTURE NUMBER 022-3121 SHEET NO. 22 OF 29 SHEETS
		CHECKED JJI	REVISED -		
	PLOT SCALE =	DRAWN GM	REVISED -		
	PLOT DATE = 7/26/2011	CHECKED JJI	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00151-00-BR	DuPAGE	201	139
		CONTRACT NO. 63568		
	ILLINOIS FED. AID PROJECT			