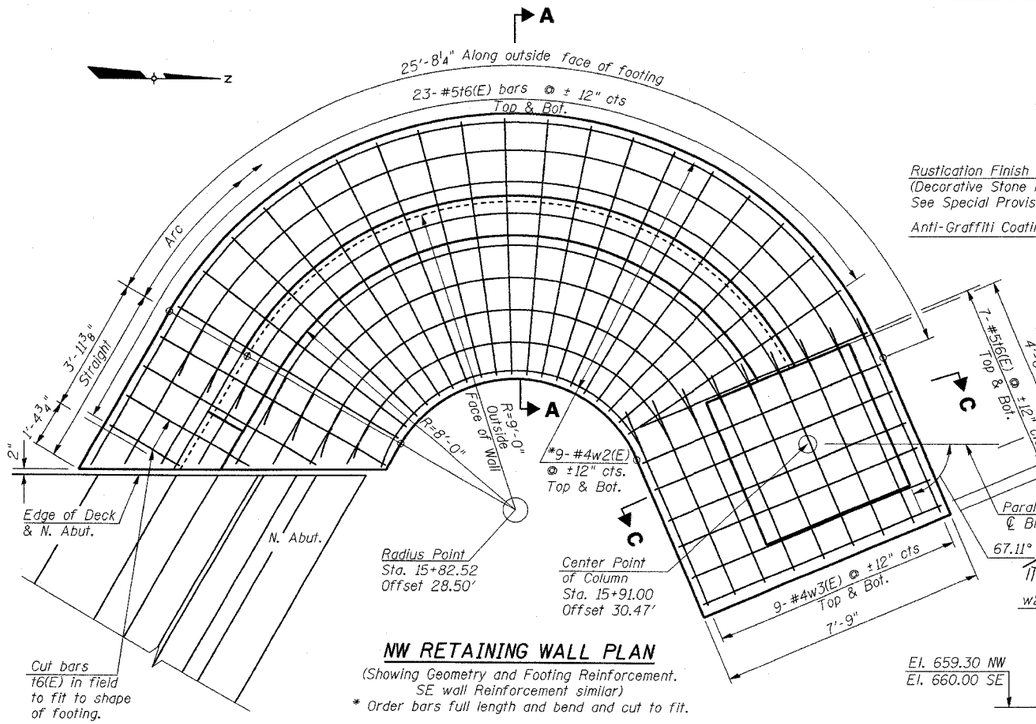
CONTRACT NO. 83664

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	96-00099-00-BR	DUPAGE	62	51
STA. 13+25.00		TO STA. 16+55.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

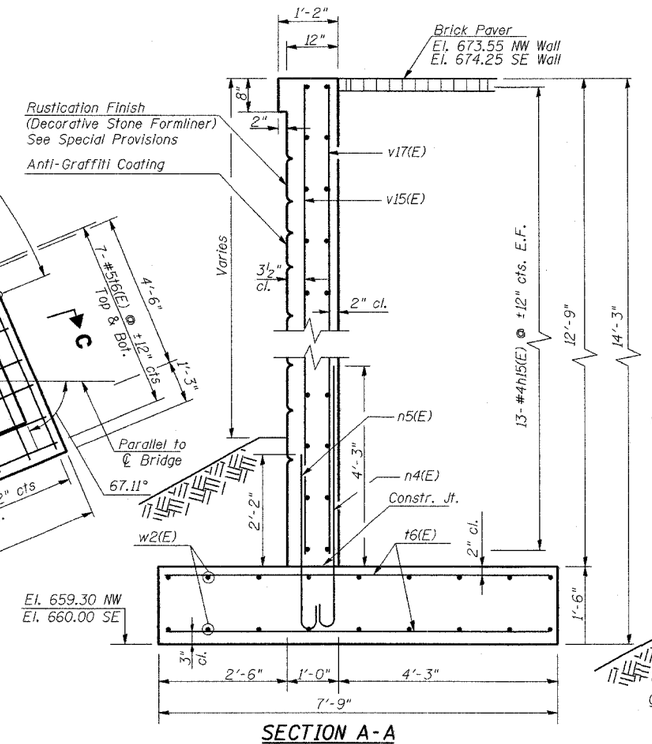
SHEET S20 OF S22
Contr. 83664



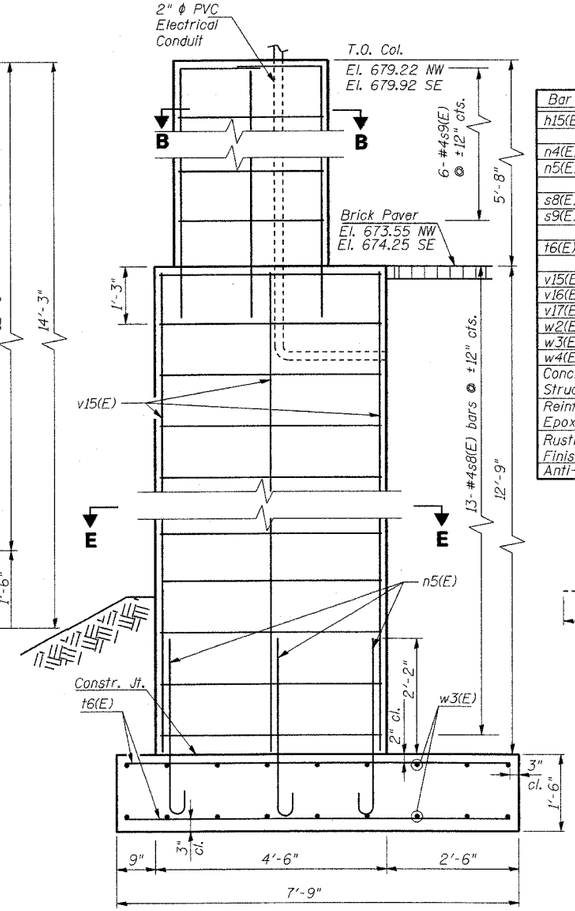
NW RETAINING WALL PLAN

(Showing Geometry and Footing Reinforcement. SE wall Reinforcement similar)

* Order bars full length and bend and cut to fit.



SECTION A-A

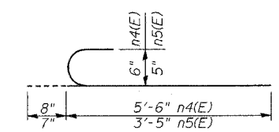


SECTION C-C

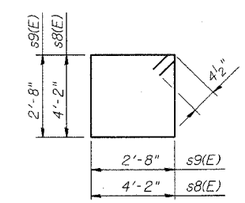
BILL OF MATERIAL

(For NW and SE Retaining Wall)

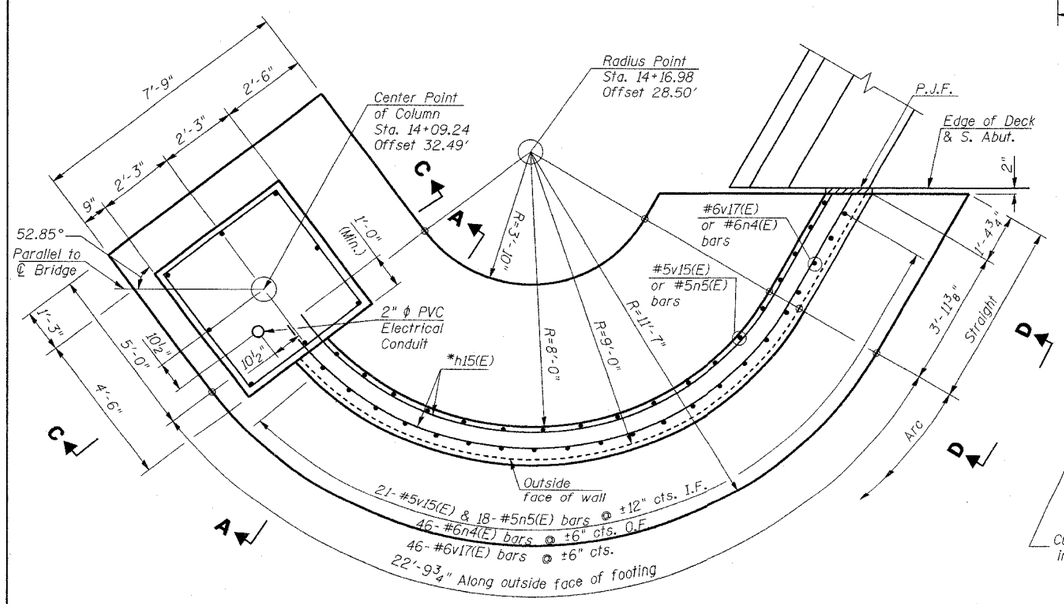
Bar	No.	Size	Length	Shape
h15(E)	52	#4	25'-0"	
n4(E)	92	#6	6'-2"	
n5(E)	38	#5	4'-0"	
s8(E)	26	#4	17'-5"	
s9(E)	12	#4	11'-5"	
t6(E)	120	#5	7'-3"	
v15(E)	58	#5	12'-7"	
v16(E)	16	#5	6'-9"	
v17(E)	92	#6	12'-7"	
w2(E)	36	#4	24'-0"	
w3(E)	36	#4	6'-8"	
w4(E)	36	#4	6'-0"	
Concrete Structures			Cu. Yd.	63.3
Reinforcement Bars, Epoxy Coated			Pound	6,670
Rustication Finish			Sq. Ft.	370
Anti-Graffiti Coating			Sq. Ft.	370



BARS n4(E), n5(E)

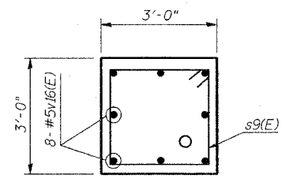


BARS s8(E), s9(E)

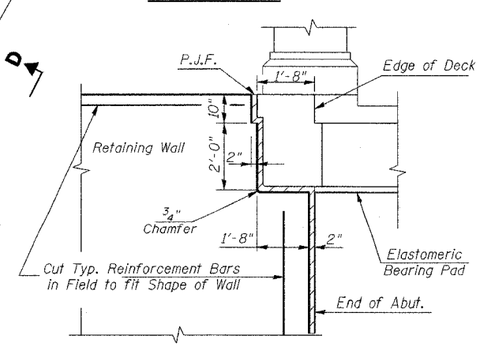


SE RETAINING WALL PLAN

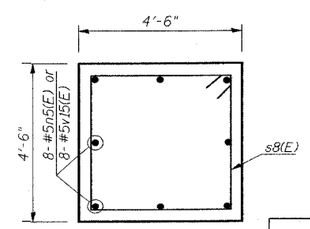
(Showing Geometry and Wall Reinforcement. NW wall Reinforcement similar)



SECTION B-B



VIEW D-D



SECTION E-E

NOTES:

1. For bars cut in field. Bill of material shows pre-cut length.
2. Reinforcement Bars designated (E) shall be epoxy coated.
3. For Anchor Bolts and Railing Details See Sheets S11 and S12.
4. Anchor bolts for steel pipes for support of stone column shall be drilled and epoxy grouted into concrete columns. See Architectural sheets for details.

REVISIONS	
NAME	DATE

CITY OF NAPERVILLE

NW AND SE CORNER RETAINING WALL DETAILS

MAIN STREET BRIDGE OVER WEST BRANCH DUPAGE RIVER
STRUCTURE NO. 022-6755 - STA. 15+00.00

SCALE:
DATE JULY 9, 2004
DRAWN BY JHR
CHECKED BY SCD

DATE =Tue Jul 13 09:17:45 2004
DGN =L:\WORK\65154\CADD\DRAWINGS\Bridge\rwallN.dgn