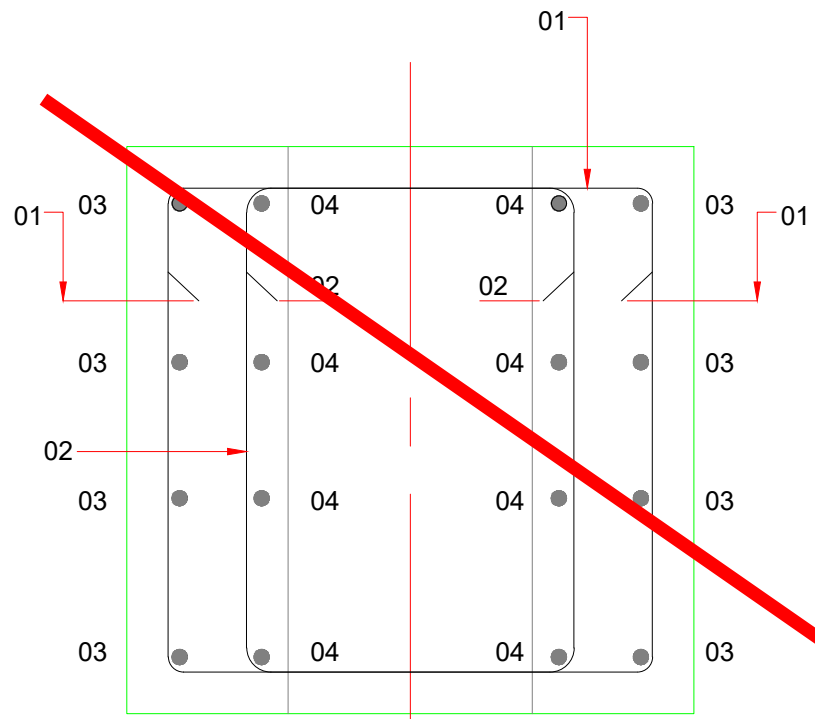
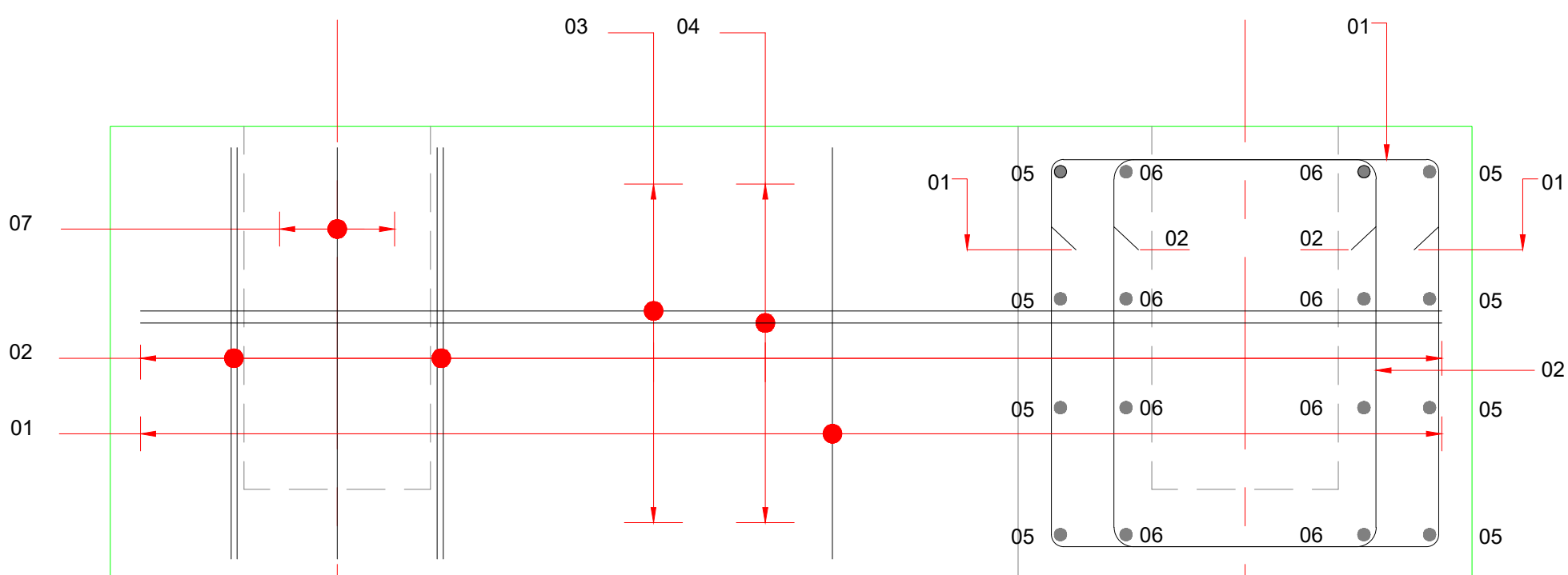


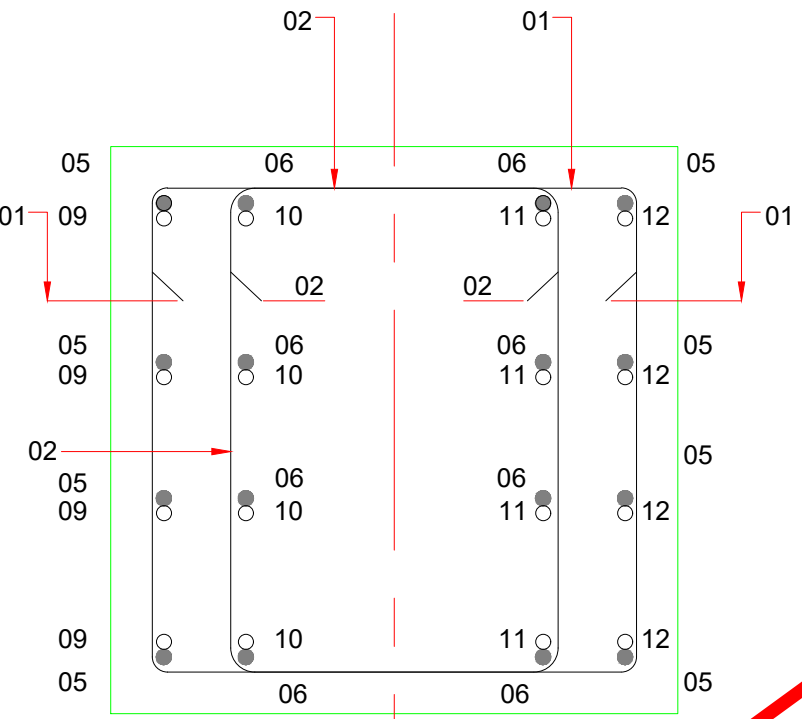
SUPPLY & INSTALLATION OF BOLLARDS NOT IN CONTRACT  
DETAILS SHOWN FOR REFERENCE ONLY



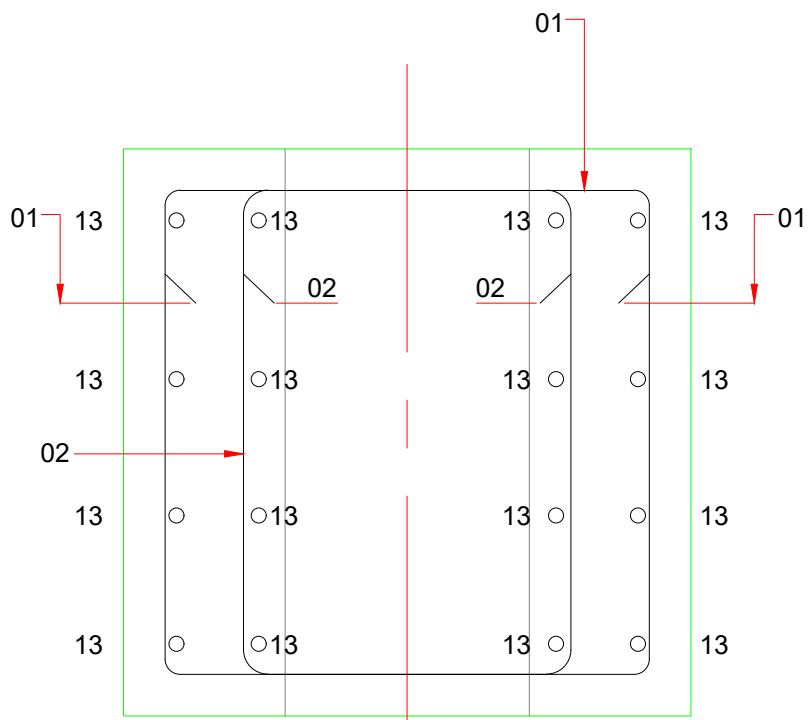
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SCALE 1:10



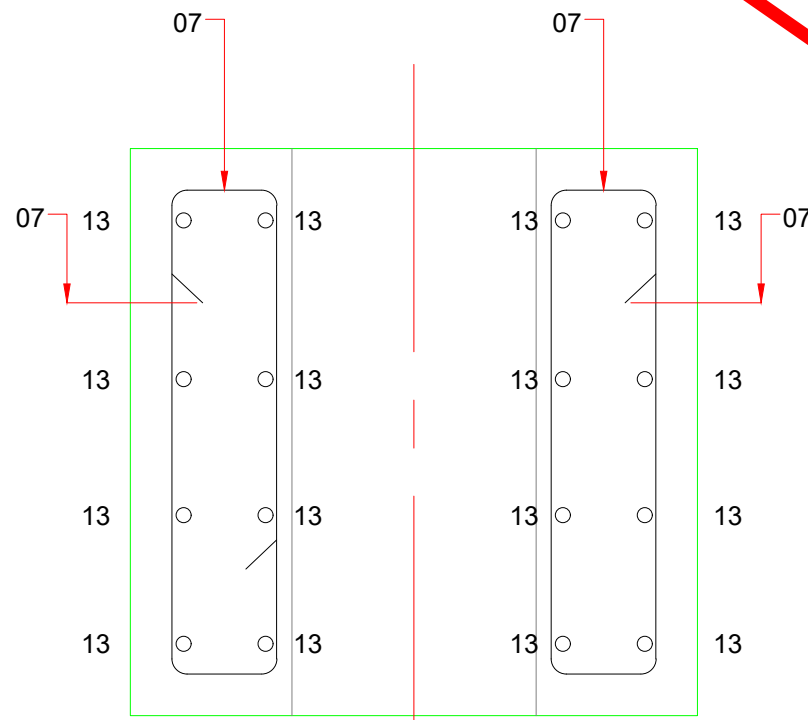
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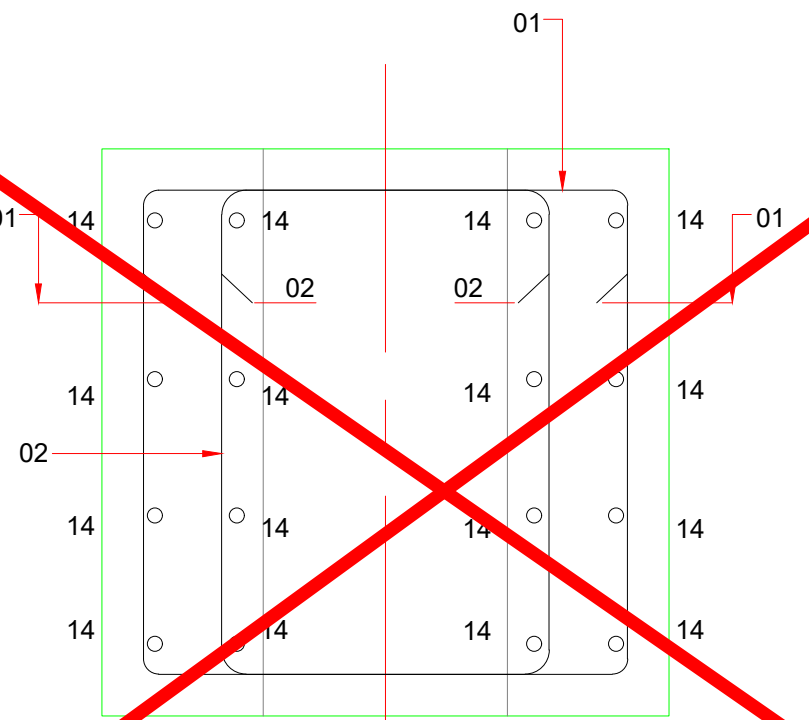
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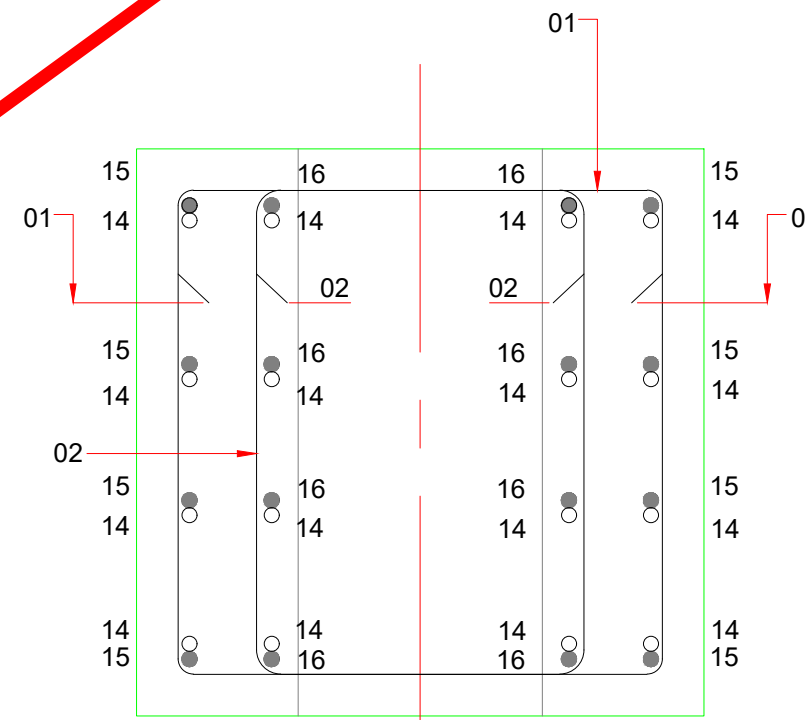
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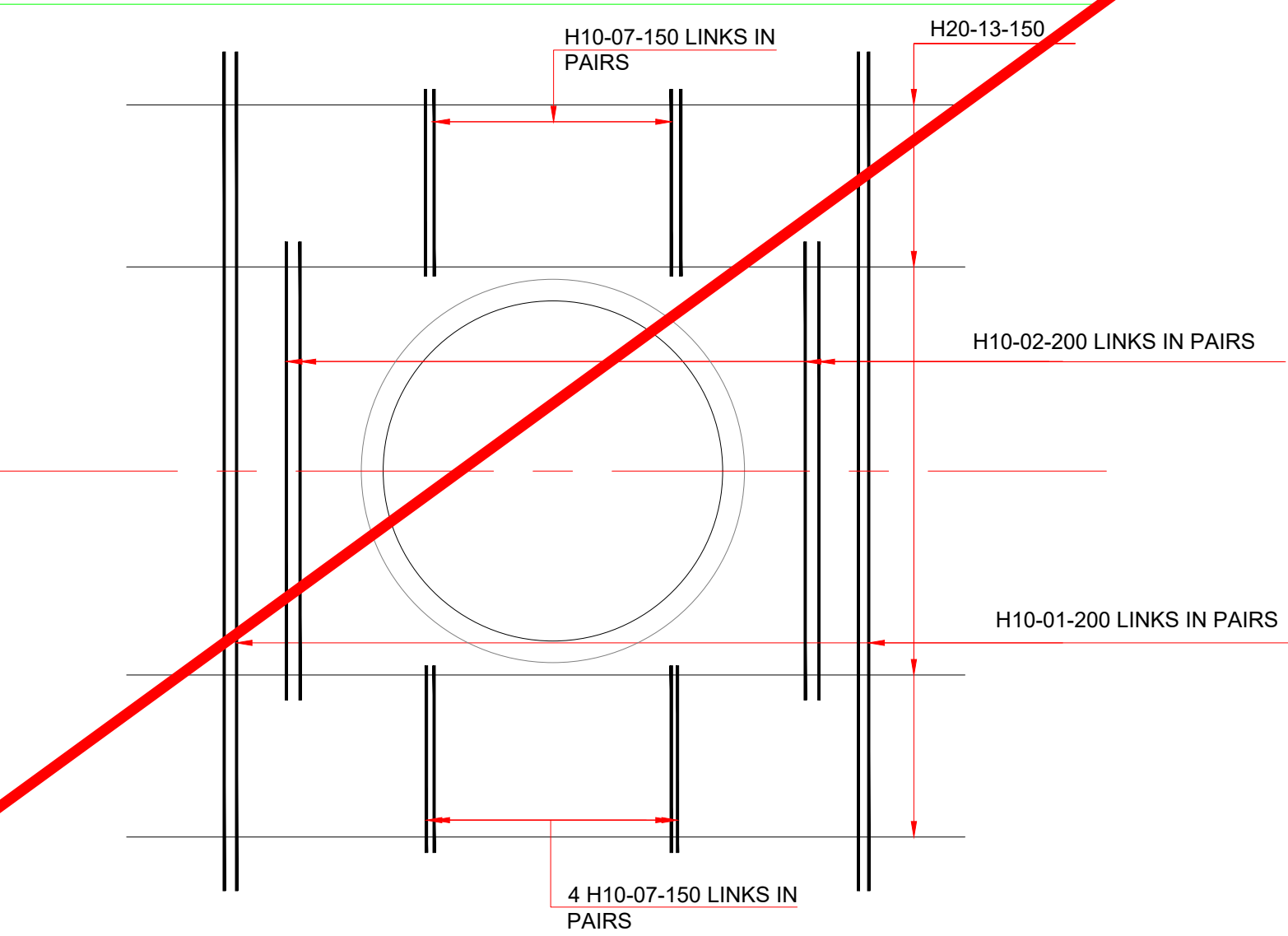
SECTION E-E  
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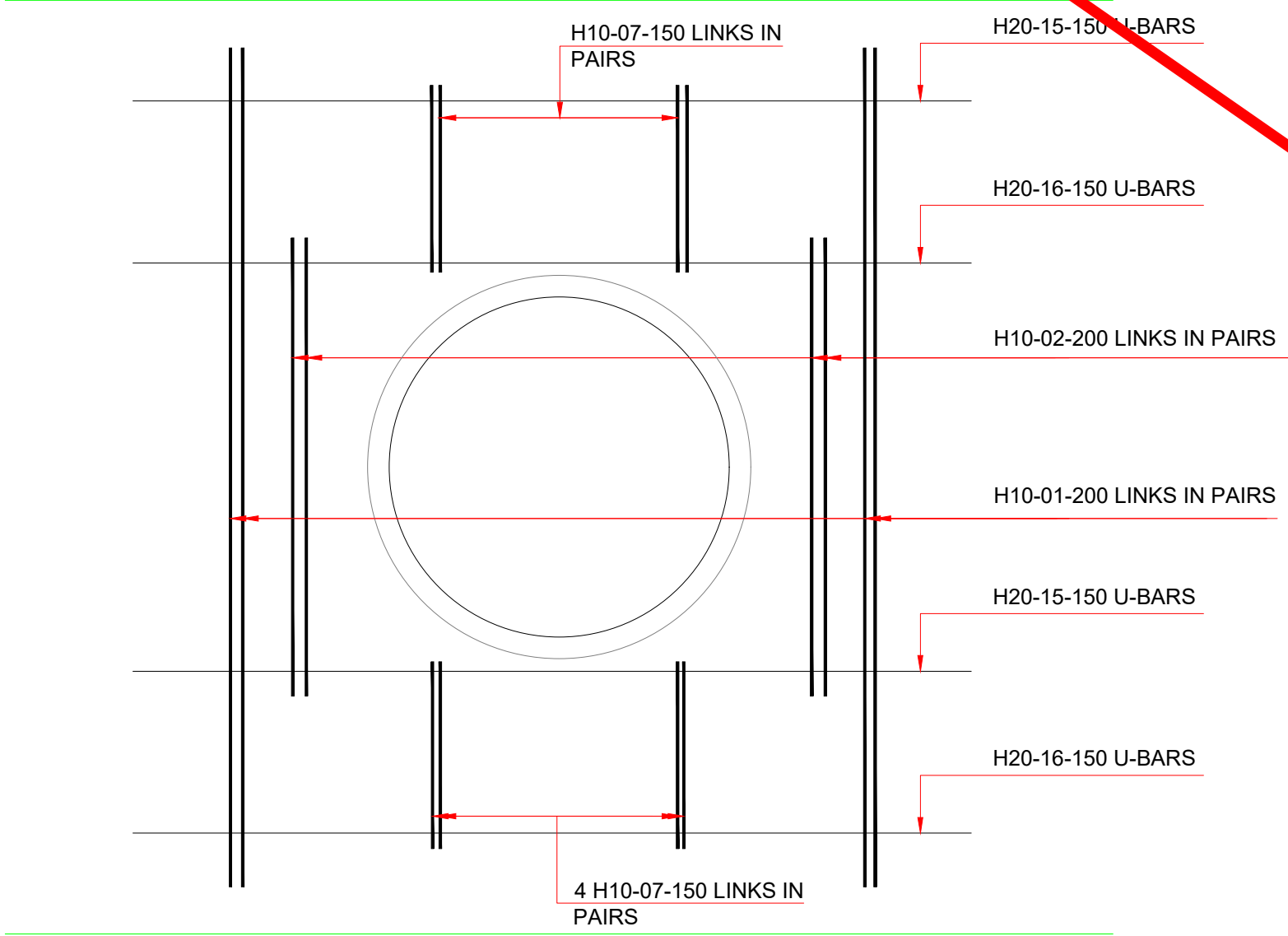
SECTION F-F  
SCALE 1:10



SECTION G-G  
SCALE 1:10



DETAIL 1  
BOLLARD REINFORCEMENT  
SCALE 1:5



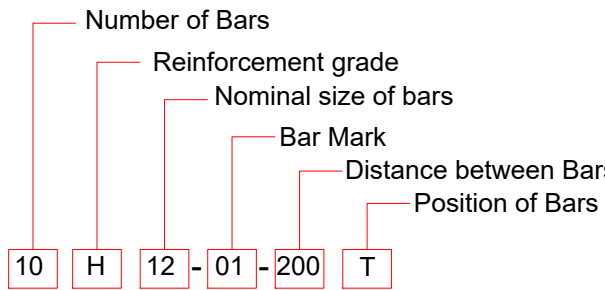
DETAIL 2  
BOLLARD REINFORCEMENT  
SCALE 1:5

TO BE READ IN CONJUNCTION WITH DWG No:  
1126-SY-GA-000  
1126-SY-GA-100  
1126-SY-GA-101  
1126-SY-GA-102  
1126-SY-GA-200  
1126-SY-GA-201  
1126-SY-GA-202  
1126-SY-GA-203  
1126-SY-GA-204  
1126-SY-GA-205  
1126-SY-GA-206  
1126-SY-GA-300  
1126-SY-GA-301  
1126-SY-GA-302  
1126-SY-GA-303  
1126-SY-GA-400  
1126-SY-GA-401  
1126-SY-GA-402

P02

NOTES

- DO NOT SCALE FROM THIS DRAWING.
- ANY QUERIES ARE TO BE REFERRED BACK TO THE ENGINEER FOR CLARIFICATION.
- ALL CONCRETE IN ACCORDANCE WITH TS 1350 AND CSA A23.1.
- CONCRETE DESIGNATED MIX:  
BLINDING - GEN 1  
REINFORCED CONCRETE - C 32/40, RC40, TS 1350 20mm AGGREGATE, S3 SLUMP.  
NO ADMIXTURE IS TO BE USED WITHOUT THE ENGINEERS PERMISSION.
- SHOULD THE AIR TEMPERATURE RISE ABOVE 30°C OR FALL BELOW 5°C, SPECIAL PRECAUTIONS ARE TO BE TAKEN, ALL TO ENGINEER'S APPROVAL.
- CURING TO BE DONE FOR AT LEAST 7 DAYS.
- REINFORCEMENT BARS TO BE HIGH YIELD STEEL TO CURRENT CSA G3018 AND OPSS 1440, FABRIC REINFORCEMENT TO ASTM A1064.
- REINFORCEMENT SCHEDULING TO OPSS 905 AND CSA-S6.
- COVER TO ALL REINFORCEMENT: 40mm UNLESS OTHERWISE NOTED.
- REINFORCEMENT LAP LENGTHS ARE TO BE A MINIMUM OF 44 D UNLESS OTHERWISE NOTED.
- ALL MATERIAL AND WORKMANSHIP IN ACCORDANCE WITH RECOMMENDATIONS OF TS1350.
- PRODUCTS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS GUIDELINES AND REQUIREMENTS.
- EARTHING REQUIREMENTS IN ACCORDANCE WITH JSP482.
- PRODUCTS TO BE INSTALLED IN ACCORDANCE WITH REINFORCEMENT GUIDE:



P02	20.12.23	UPDATED NOTES SECTION	DT	IJM	
P01	07.12.23	FOR TENDER	MJH	HJS	HJS
REV	DATE	DESCRIPTION	BY	CHKD	APVD

CONTRACT NAME:  
UNION STATION TORONTO HVM

CLIENT:  
CITY OF TORONTO.

D.J. Goode & Associates Ltd.  
*Consulting Civil Engineers.*  
The Old Control Tower,  
Lavenham Airfield,  
Old Bury Road,  
Alpheton,  
Sudbury, Suffolk,  
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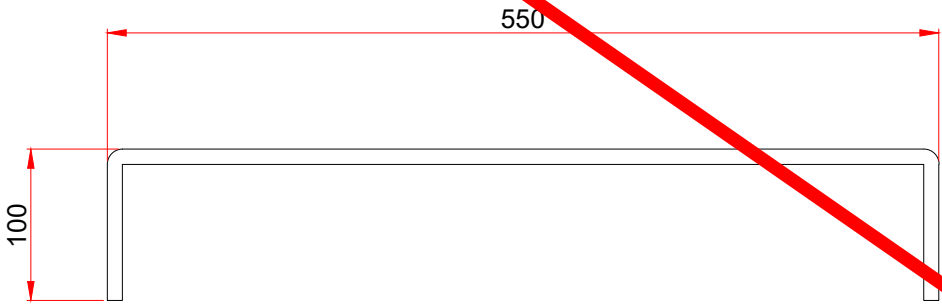
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DRAWN BY: MJH	DATE: 22.11.23	CHECKED BY: HJS	DATE: 07.12.23	APPROVED BY: HJS	DATE: 07.12.23
SIGNED:		SIGNED:		SIGNED:	

DRAWING TITLE:  
UNION STATION TORONTO  
REINFORCEMENT PLAN AND SECTIONS  
SHEET 2 OF 2

SCALE: 1:50 @ A1	DRAWING STATUS: FOR TENDER	PROTECTIVE MARKING:
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DRAWING NUMBER: 1126-SY-GA-304	REV: P02
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28 No. 10mm THICK x 75mm WIDE STEEL  
STRAP EACH SIDE OF BOLLARD  
STEEL GRADE S355 GALVAANISED  
SCALE 1:5