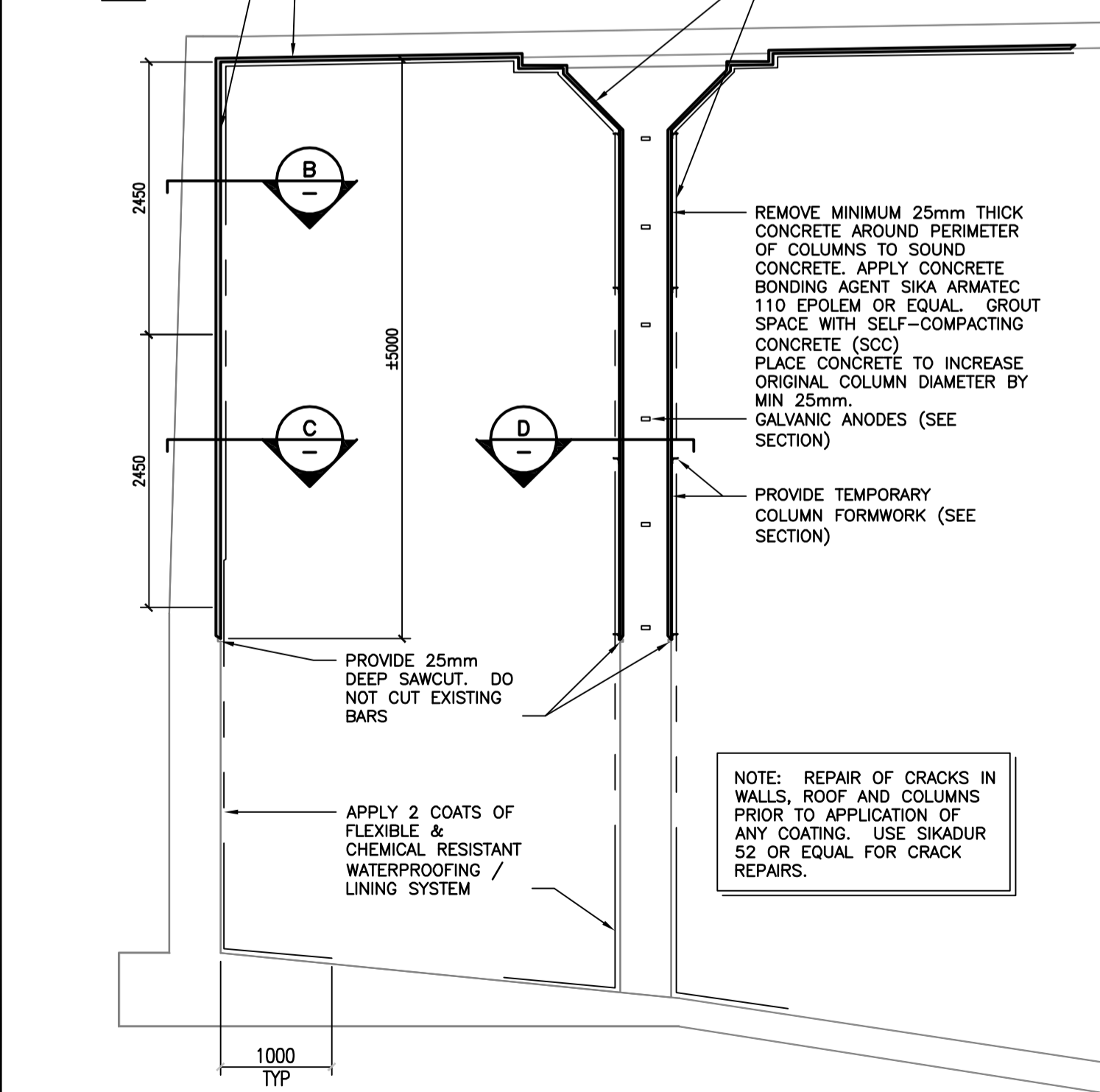


**!** CONTRACTOR REQUIRES APPROVAL FROM THE CONTRACT ADMINISTRATOR IF CONCRETE REPAIR & RESURFACING QUANTITIES EXCEED VALUES IN SPECIFICATION.

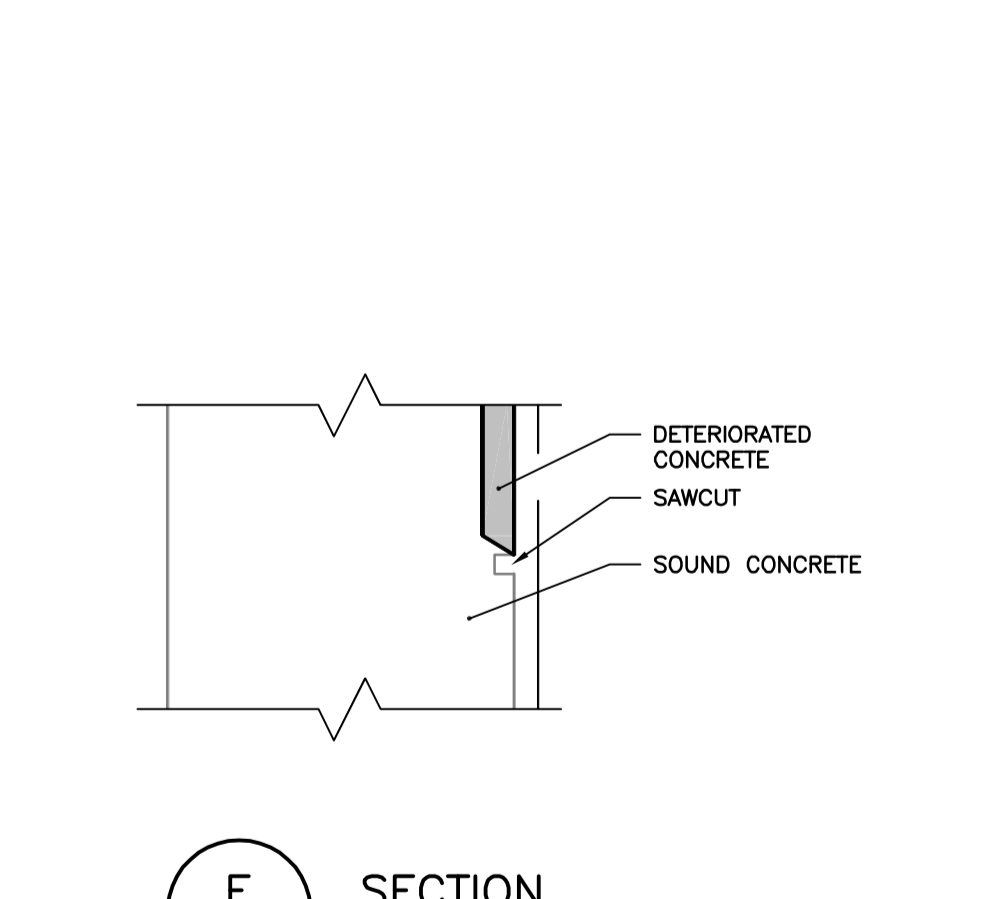
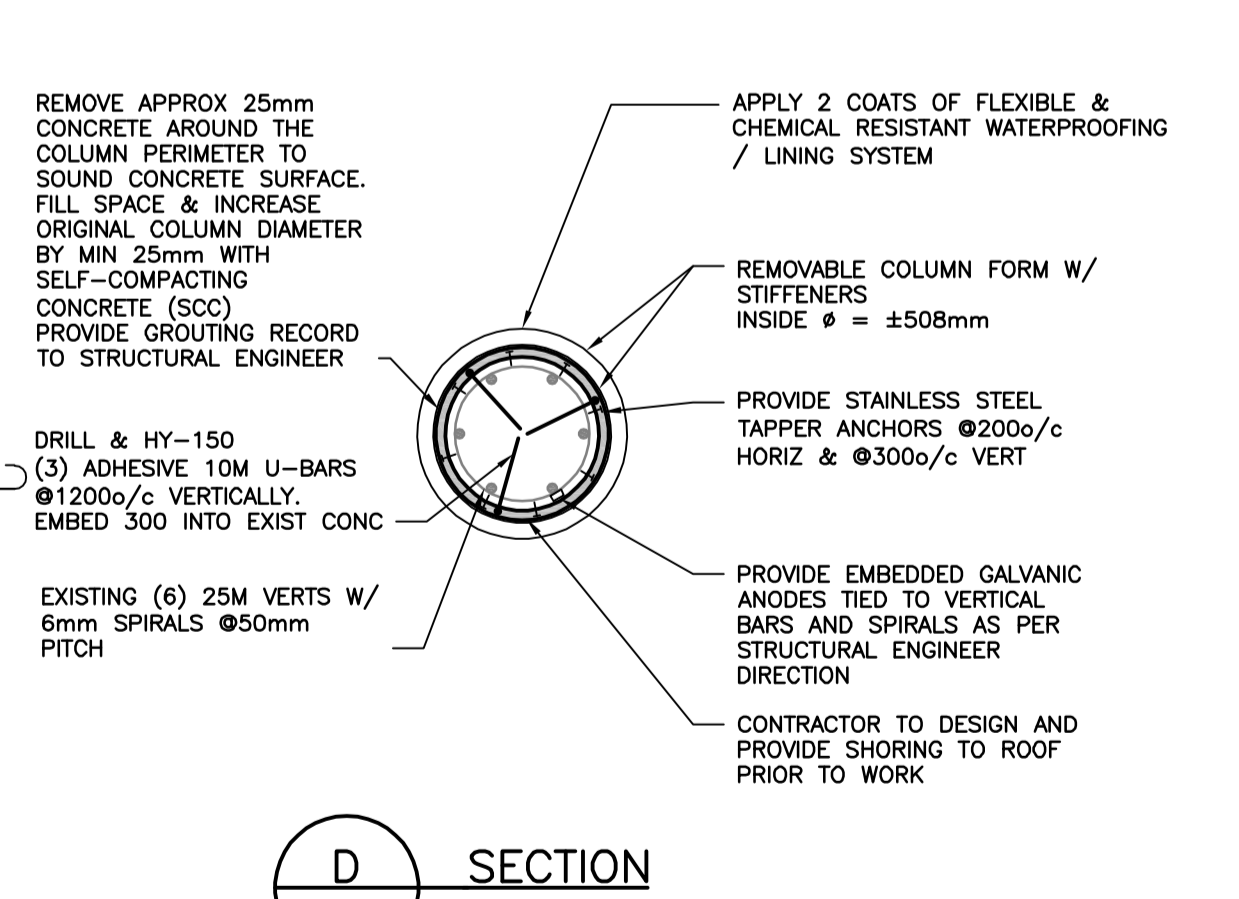
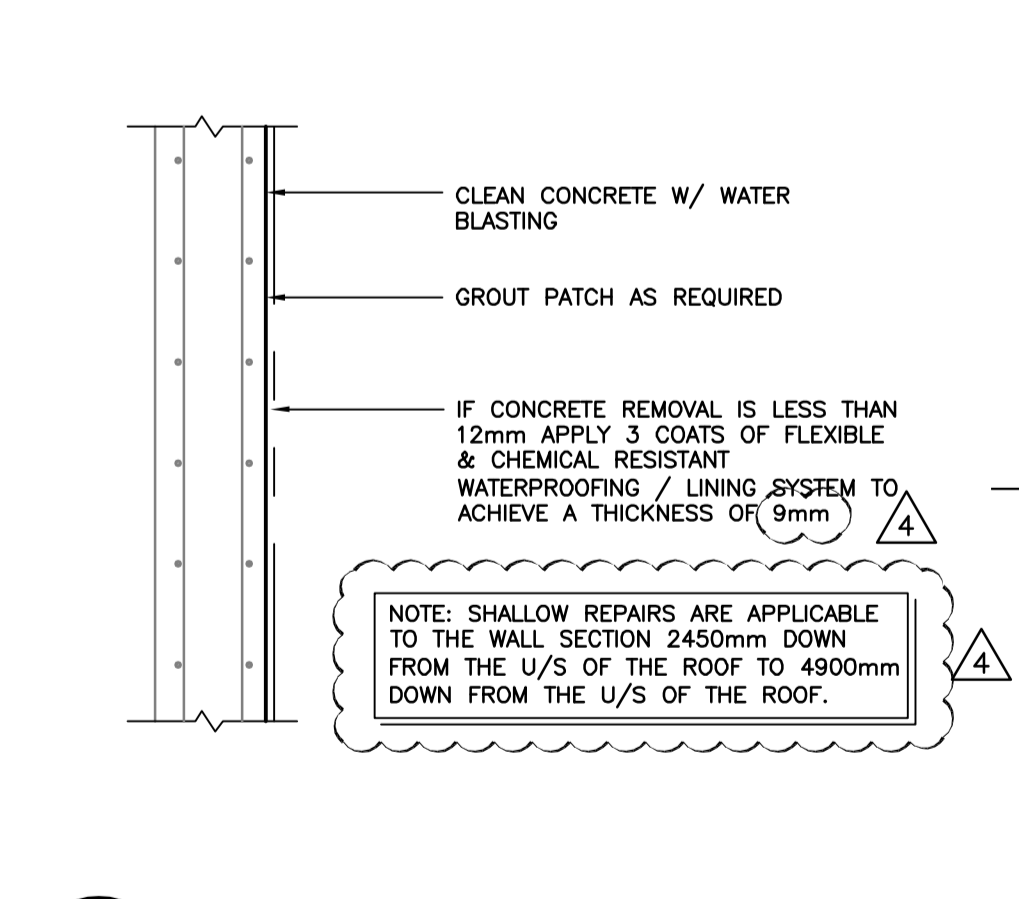
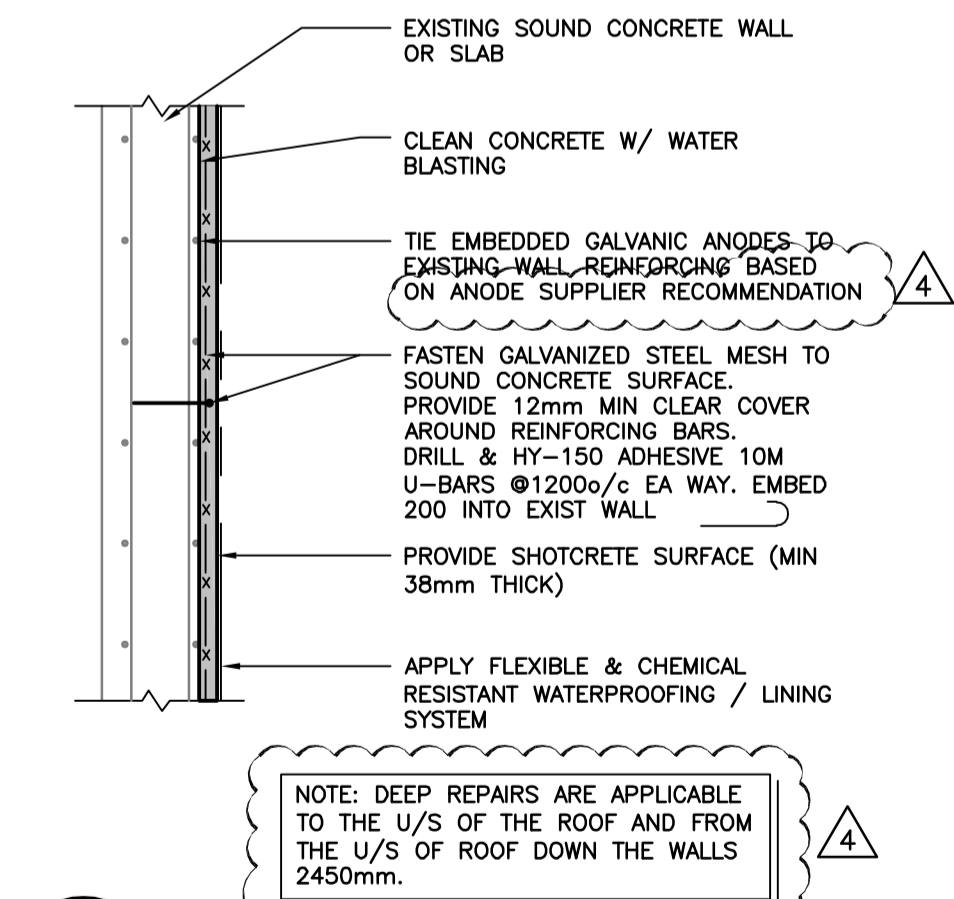
**!** CONTRACTOR TO CONFIRM DEMOLITION EXTENT WITH CONTRACT ADMIN PRIOR TO PROCEEDING. ALL DEMO BEYOND ANTICIPATED TO BE REVIEWED BY CITY.

NOTE: CONTRACTOR TO DEMONSTRATE APPROPRIATE WATER BLAST PRESSURE FOR DETERIORATED CONCRETE REMOVAL. PRESSURE NOT TO EXCEED 10,000 PSI.

REMOVE DETERIORATED CONCRETE FROM ALL WALLS, ROOF AND COLUMN CAPITALS USING HIGH PRESSURE WATER BLASTING. DISPOSE ALL DEBRIS OFF-SITE. APPLY SHOTCRETE TO SOUND CONCRETE SURFACE. INSTALL GALVANIZED STEEL MESH 51mm X 51mm (MW5.5xMW5.5) TO DEEP REPAIR SECTION (35mm OR MORE). FINISH SURFACES BY TROWELLING. APPLY 2 COATS OF FLEXIBLE & CHEMICAL RESISTANT WATERPROOFING / LINING SYSTEM (TYP)



ANODES TO BE INSTALLED BASED ON ANODE SUPPLIER RECOMMENDATIONS.



LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
4	ISSUED FOR ADDENDUM 3	12.11.23	J.R.B
3	ISSUED FOR TENDER	12.11.01	S.K.B
2	ISSUED FOR 95% REVIEW	12.09.12	S.K.B
1	ISSUED FOR 60% REVIEW	12.07.27	S.K.B

B.M. ELEV.

NO.	REVISIONS	DATE	BY
4	ISSUED FOR ADDENDUM 3	12.11.23	J.R.B
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Stantec Consulting Ltd.

905 Waverley Street, Winnipeg, Manitoba  
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	CHECKED BY
B.F.	BF
DRAWN BY	APPROVED BY
I.R.	S.K.B.

HOR. SCALE: 1:100  
VERTICAL: \_\_\_\_\_

DATE 2011.12.15

ENGINEER'S SEAL

ORIGINAL SEALED BY  
B.E. FRASER  
P. ENG.  
12.11.01

BID OPPORTUNITY NO.  
573-2012

THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT

Winnipeg

NORTH END WATER POLLUTION CONTROL CENTRE  
REHABILITATION OF DIGESTER No. II AND  
SLUDGE HOLDING TANK No. 5 AND 7

SLUDGE HOLDING TANKS No. 5 AND No. 7 MODIFICATIONS

CITY DRAWING NUMBER  
I-OI0ID-S002-001

SHEET 4 OF 29

APEGM  
Certificate of Authorization  
Stantec Consulting Ltd.  
No. 1301

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2012 November 23, 10:16 am