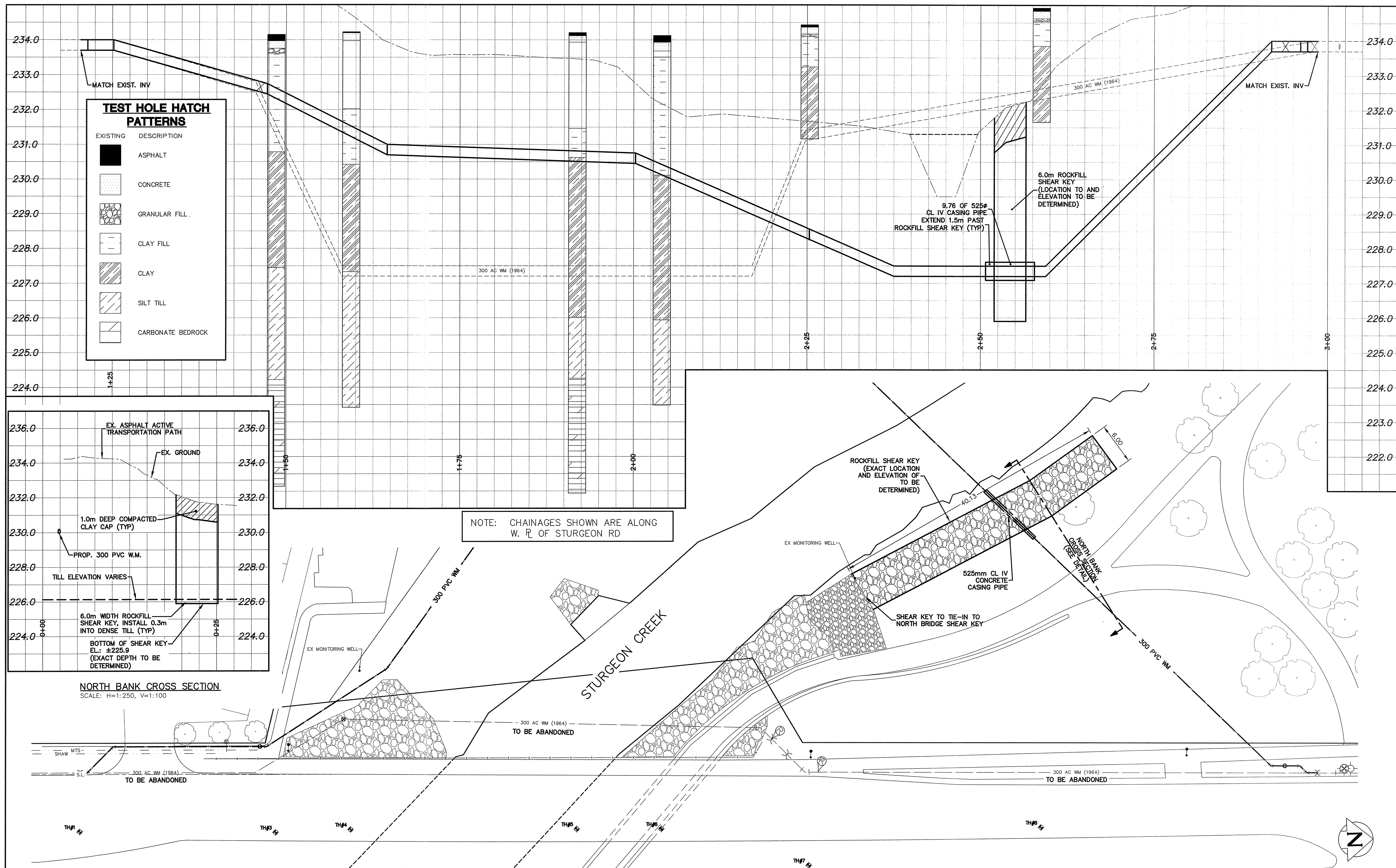
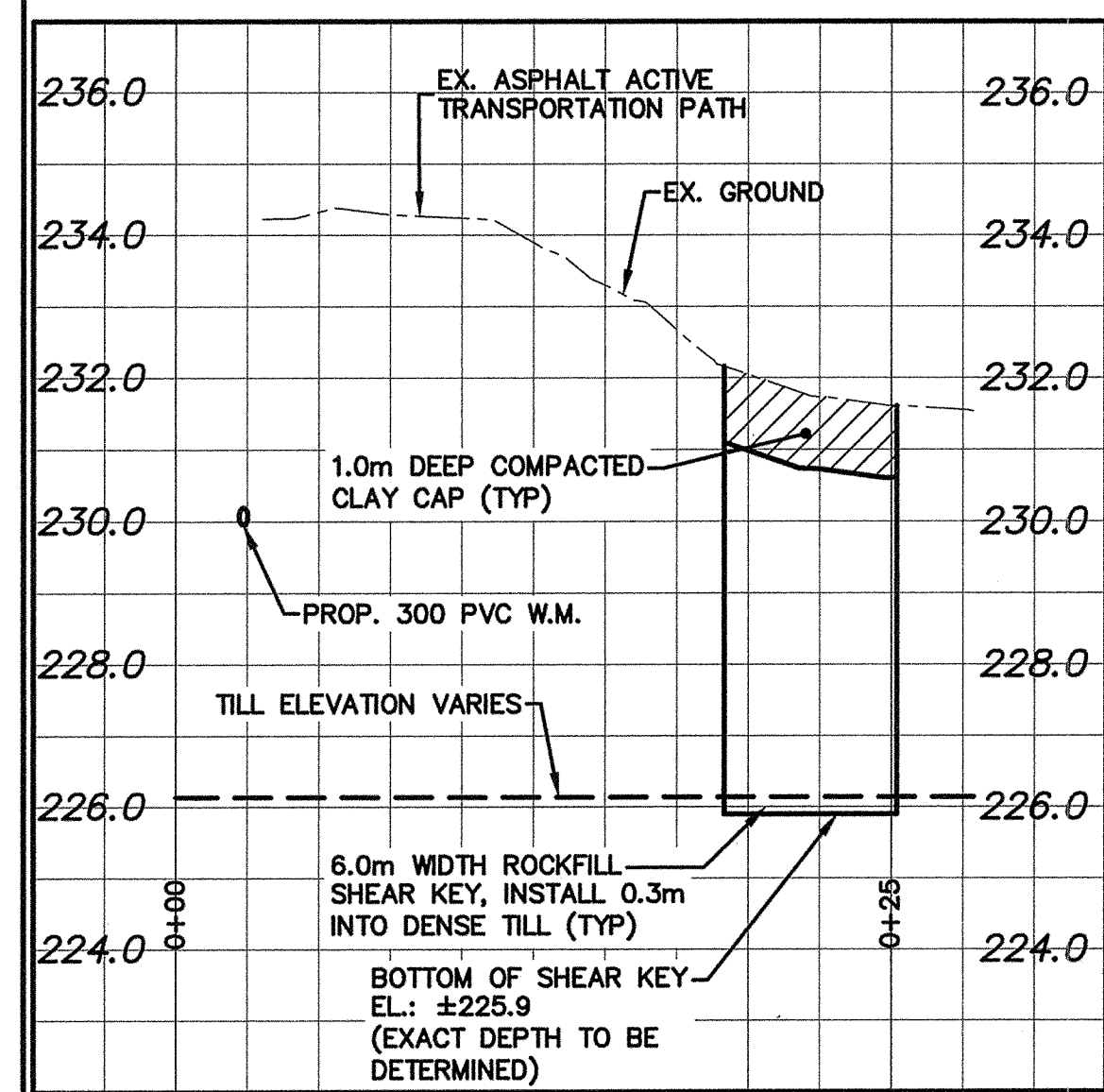




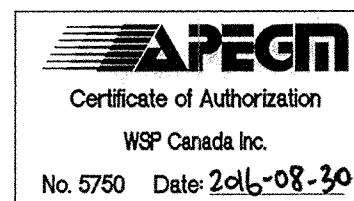
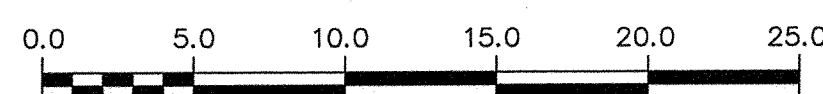
TEST HOLE HATCH PATTERNS	
EXISTING	DESCRIPTION
	ASPHALT
	CONCRETE
	GRANULAR FILL
	CLAY FILL
	CLAY
	SILT TILL
	CARBONATE BEDROCK



NORTH BANK CROSS SECTION
SCALE: H=1:250, V=1:100

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

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 UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. CWM 39-044 ELEV. 233.848		CONSTRUCTION COMPLETION DATE: ---	
NO.	REVISIONS	DATE	BY
1	DESIGN REVIEW BY W&W	02/2015	K.G.
2	BID OPPORTUNITY 152-2016	02/2016	K.G.
3	BID OPPORTUNITY 781-2016	08/2016	R.H.

WSP
1600 BUFFALO PLACE
WINNIPEG, MB, R3T 6B8
PHONE: 204-477-6650
FAX: 204-474-2864
WWW.WSPGROUP.COM

DESIGNED BY	K.G.	CHECKED BY	S.M.
DRAWN BY	K.G.	APPROVED BY	I.McK.
SCALE:	HORIZONTAL 1:250 VERTICAL 1:50	RELEASED FOR CONSTRUCTION	
DATE	2016 08 30	DATE	

PLOT DATE: 2016 08 30

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.T.G. BREIDIN
Member 33864
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
151-00351-00-03

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2015 WATERMAIN RENEWALS

STURGEON ROAD
TEST HOLE LOCATIONS, PROFILES AND
ROCKFILL SHEAR KEY

SHEET 3 OF 5
CITY DRAWING NUMBER
D-13412