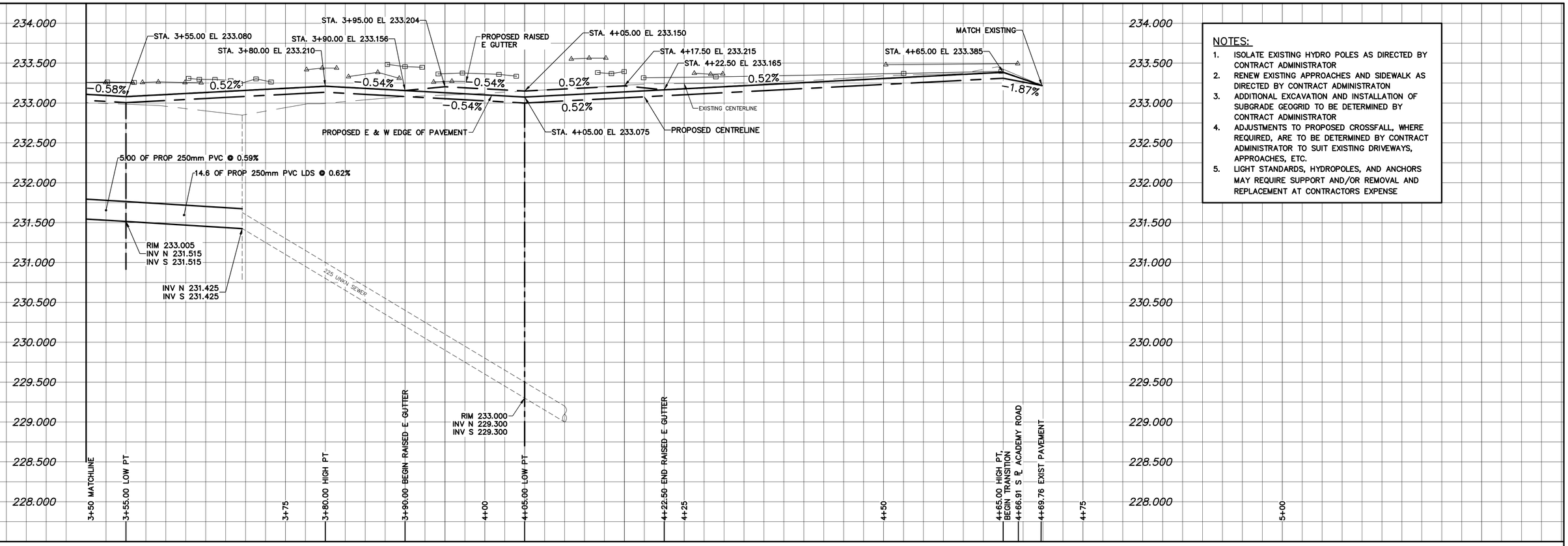
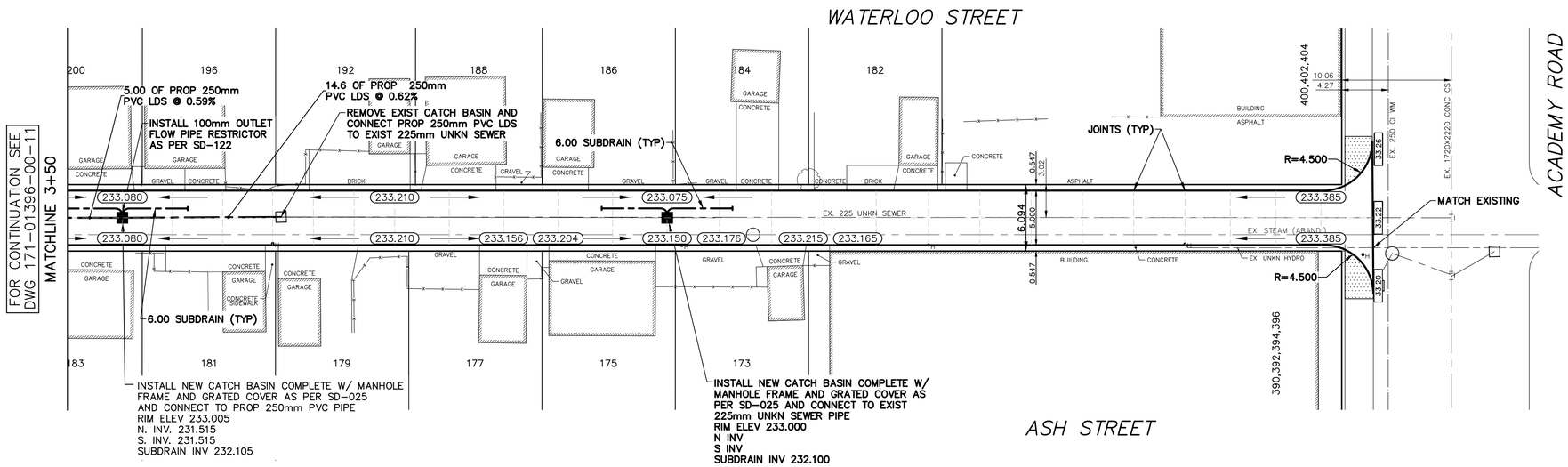
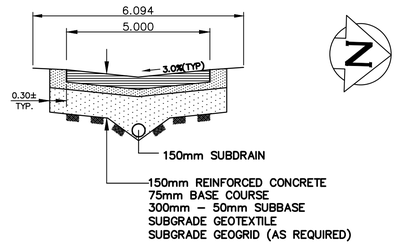


NOTES:

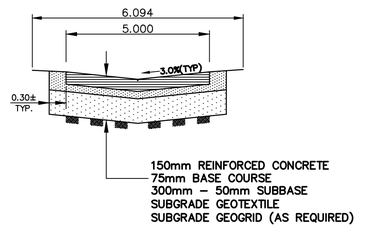
1. ISOLATE EXISTING HYDRO POLES AS DIRECTED BY CONTRACT ADMINISTRATOR
2. RENEW EXISTING APPROACHES AND SIDEWALK AS DIRECTED BY CONTRACT ADMINISTRATON
3. ADDITIONAL EXCAVATION AND INSTALLATION OF SUBGRADE GEOGRID TO BE DETERMINED BY CONTRACT ADMINISTRATOR
4. ADJUSTMENTS TO PROPOSED CROSSFALL, WHERE REQUIRED, ARE TO BE DETERMINED BY CONTRACT ADMINISTRATOR TO SUIT EXISTING DRIVEWAYS, APPROACHES, ETC.
5. LIGHT STANDARDS, HYDROPOLES, AND ANCHORS MAY REQUIRE SUPPORT AND/OR REMOVAL AND REPLACEMENT AT CONTRACTORS EXPENSE

NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF PUBLIC RIGHT-OF-WAY





TYPICAL ALLEY CROSS SECTION WITH SUBDRAIN
SCALE: N.T.S.



TYPICAL ALLEY CROSS SECTION
SCALE: N.T.S.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

APEGM Certificate of Authorization
WSP Canada Inc.
No. 5750 Date:

	WATERMAIN			GAS		150 WM	WATERMAIN	150 WM
	HYDRANT			M.T.S.			VALVE	
	VALVE			TRAFFIC SIGNALS		300 LDS	LAND DRAINAGE SEWER	300 LDS
	CURB STOP			CONCRETE/ASPHALT		250 WWS	WASTE WATER SEWER	250 WWS
	LAND DRAINAGE SEWER			SIDEWALK			CENTERLINE	
	WASTE WATER SEWER			CURB RAMP			SOUTH & EAST GUTTER	
	CB LEAD		32.00	ELEVATIONS	32.000		NORTH & WEST GUTTER	
	MANHOLE			PROPERTY LINE			S & E GARAGE PAD	
	CATCH BASIN			SURVEY BAR			N & W GARAGE PAD	
	CURB INLET							
	HYDRO							
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED

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.

B.M. ELEV.			
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		--	--
		--	--
		--	--
3	ISSUED FOR TENDER	17/05/26	R.H.
2	80% DESIGN REVIEW	17/04/05	A.B.
1	PROPOSED LDS ALIGNMENT	17/03/27	A.B.

wsp
111-93 Lombard Avenue
Winnipeg, Manitoba
R3B 3B1 Canada
Phone: 204-943-3178
Fax: 204-943-4948
wsp.com

DESIGNED BY A.B.	CHECKED BY R.H.
DRAWN BY K.G.	APPROVED BY S.M.
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION --
VERT. SCALE: 1:25	-- --

PROVINCE OF MANITOBA
X.X. XXXXXXX
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
171-01396-00 -12

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2017 ALLEY RENEWALS - CONTRACT 1
WATERLOO STREET/ASH STREET ALLEY
FROM MATCHLINE AT 3+50
TO ACADEMY ROAD
CONCRETE PAVEMENT

CITY DRAWING NO.
SHEET 3 OF 3
BID OPPORTUNITY

PLOT DATE: 2017 05 29
BID OPPORTUNITY: XXX-20XX
CONTRACT NUMBER: X
FILE PATH: L:\Projects\2017\171-01396-00 2017 Alley Renewals (S.M.)\03 DWGS\02 Working Dwgs\04 Civil\2017 Alley Renewals -
FILE NAME: Waterloo_Ash.dwg