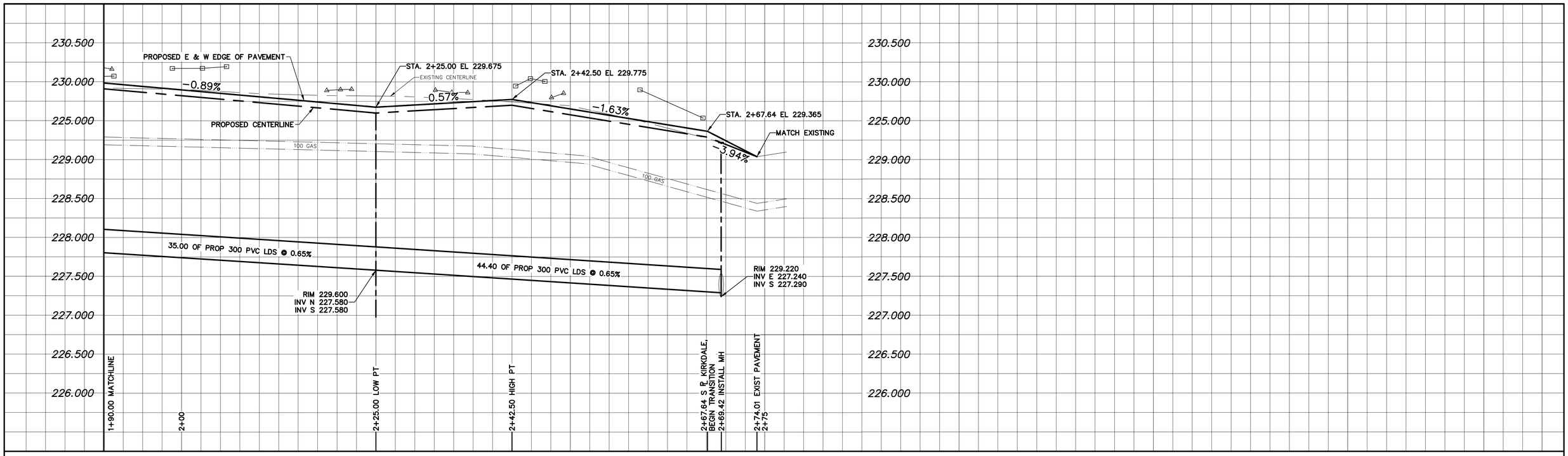
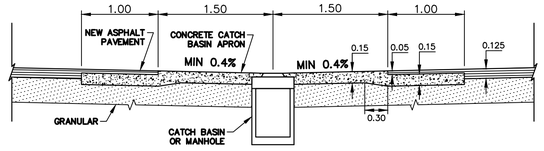


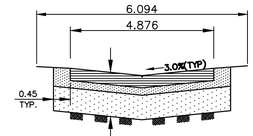
NOTES:

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. ALL LAND DRAINAGE SEWER EXCAVATIONS TO BE JETTED, FLOODED AND TAMPED AS PER CW2030-R7
6. 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

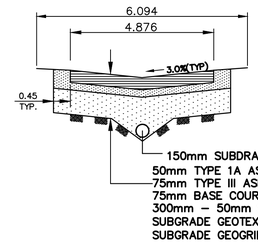


TYPICAL CATCHBASIN APRON DETAIL
SCALE: N.T.S.



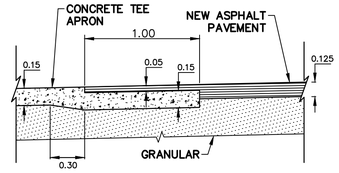
50mm TYPE 1A ASPHALT
75mm TYPE III ASPHALT
75mm BASE COURSE
300mm – 50mm SUBBASE
SUBGRADE GEOTEXTILE
SUBGRADE GEOGRID (AS REQUIRED)

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

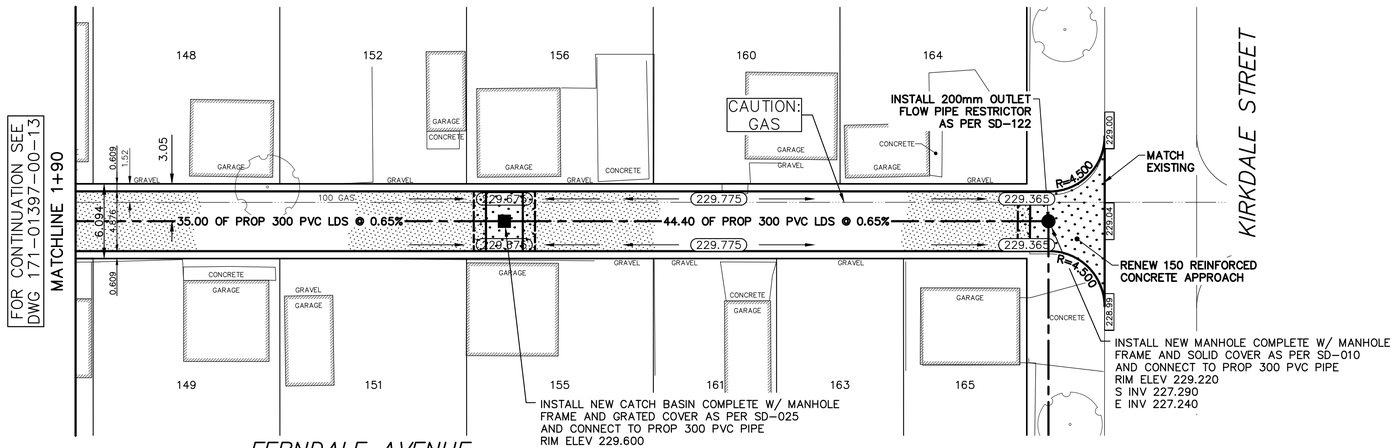


150mm SUBDRAIN
50mm TYPE 1A ASPHALT
75mm TYPE III ASPHALT
75mm BASE COURSE
300mm – 50mm SUBBASE
SUBGRADE GEOTEXTILE
SUBGRADE GEOGRID (AS REQUIRED)

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



TYPICAL TEE APRON TIE-IN DETAIL
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

	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		250 WWS	WASTE WATER SEWER	250 WWS
	LAND DRAINAGE SEWER			ASPHALT			CENTERLINE	
	WASTE WATER SEWER			SIDEWALK			SOUTH & EAST GUTTER	
	CB LEAD			CURB RAMP			NORTH & WEST GUTTER	
○	MANHOLE	●	32.00	ELEVATIONS	32.000	⊞	S/E PRIVATE PAVE.	
□	CATCH BASIN	■		PROPERTY LINE		⊿	N/W PRIVATE PAVE.	
▽	CURB INLET	▼	⌖	SURVEY BAR				
	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.

NO.	REVISION	DATE	BY
	B.M. ELEV.		
2	ISSUED FOR TENDER	17/05/19	K.G.
1	DESIGN REVIEW	17/05/10	K.G.

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

DESIGNED BY	DR	CHECKED BY	RH/SM
DRAWN BY	MBS	APPROVED BY	IMcK
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	----
VERT. SCALE:	1:25		
	----		----

PROVINCE OF MANITOBA
X.X. XXXXXXX
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
171-01397-00 –14

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

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
FINANCE NO.

2017 LOCAL IMPROVEMENTS
LAWNDALE AVE/FERNDALE AVE ALLEY
FROM MATCHLINE AT 1+90 TO KIRKDALE ST
ASPHALT RECONSTRUCTION

CITY DRAWING NO.
SHEET 2 OF 3
BID OPPORTUNITY
378–2017

PLOT DATE: May 19, 2017
BID OPPORTUNITY: 378–2017
CONTRACT NUMBER: N/A
FILE PATH: L:\Projects\2017\171-01397-00 2017 Local Improvements (S.M.)\03 DWGS\02 Working Dwgs\04 Civil
FILE NAME: LAWNDALE_FERNDALE.dwg