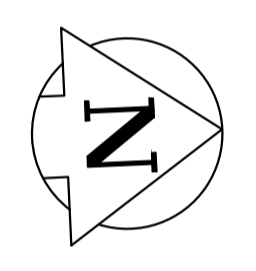


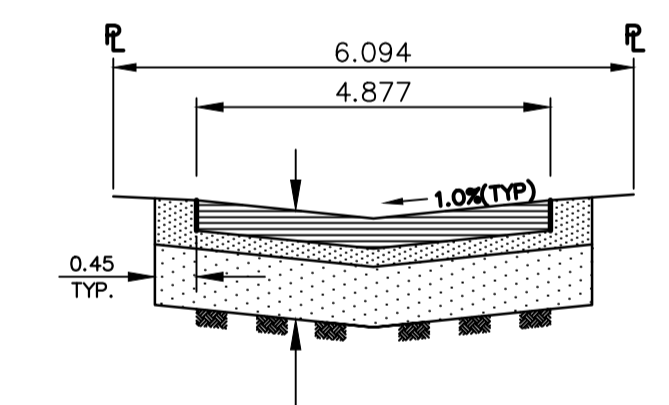
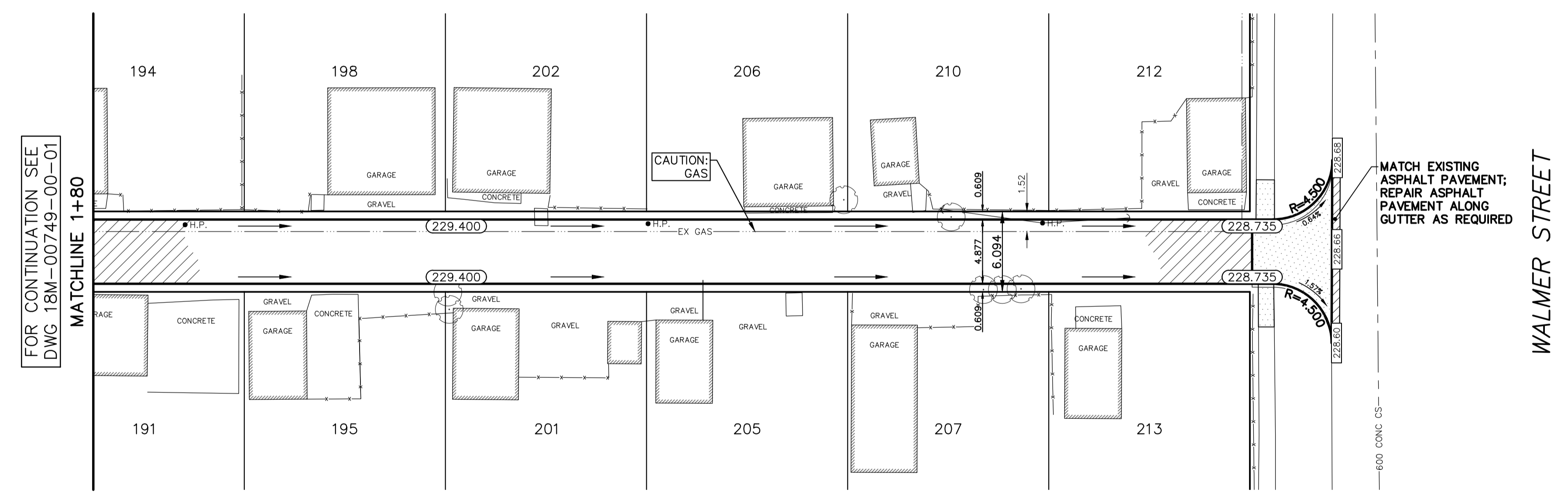
- NOTES:**
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION.
 2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 3. CONTRACTOR TO AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF THE ALLEY RIGHT OF WAY AS OUTLINED IN THE BID OPPORTUNITY.
 4. TREE AND SHRUB REMOVALS AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 5. HYDRO POLES AND ANCHORS REQUIRING TEMPORARY SUPPORT TO BE DONE AT THE EXPENSE OF THE CONTRACTOR AS REQUIRED.
 6. WHERE UNSTABLE SUB-GRADES ARE ENCOUNTERED, ADDITIONAL EXCAVATION/SUB-BASE AND INSTALLATION OF GEOGRID TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR AND CONSTRUCTED IN ACCORDANCE W/ CW-3110.
 7. ISOLATE EXISTING HYDRO POLES AS PER SD-228C.
 8. RENEW CURBS AND SIDEWALK AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 9. ALL EXISTING PRIVATE APPROACHES TO BE RENEWED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 10. ADJUSTMENTS TO PROPOSED CROSSFALL, WHERE REQUIRED, ARE TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR TO SUIT EXISTING DRIVEWAYS, APPROACHES, ETC.
 11. ALL BOULEVARD RESTORATION TO BE SODDED UNLESS OTHERWISE NOTED.
 12. REMOVE, ADJUST, AND SUPPLY PRECAST SIDEWALK BLOCKS AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 13. ALL LAND DRAINAGE SEWER EXCAVATIONS TO BE JETTED, FLOODED, AND TAMPED AS PER CW2030-R7.

ALLEY PAVEMENT PROFILE
SCALE: 1:250 HOR
1:10 VER

NOTE: CHAINAGES SHOWN ARE ALONG CL OF RIGHT-OF-WAY

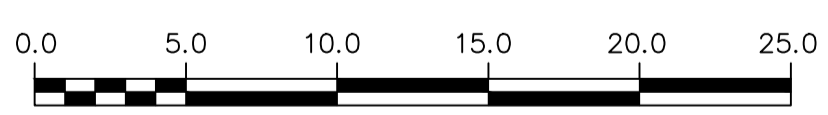


BIRCHDALE AVENUE



50mm TYPE 1A ASPHALT
75mm TYPE III ASPHALT
150mm BASE COURSE
300mm - 50mm SUBBASE
SUBGRADE GEOGRID (AS REQUIRED)
SEPARATION GEOTEXTILE ON PREPARED SUBGRADE
TYPICAL ALLEY CROSS SECTION
SCALE: N.T.S.

LAWNDALE AVENUE



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
UNLESS OTHERWISE NOTED

**ENGINEERS
GEO-SCIENTISTS
MANITOBA**
Certificate of Authorization
WSP Canada Group Limited
No. 6657

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
---	WATERMAIN	---	---	M.T.S.	---	---	150 WM	---
---	HYDRANT	---	---	CONCRETE/ASPHALT	---	---	150 WM	---
---	VALVE	---	---	SIDEWALK	---	---	300 LDS	---
---	CURB STOP	---	---	CURB RAMP	---	---	290 WWS	---
---	LAND DRAINAGE SEWER	---	---	ELEVATIONS	(232.00)	---	---	---
---	WASTE WATER SEWER	---	---	PROPERTY LINE	---	---	---	---
---	CB LEAD	---	---	SURVEY BAR	---	---	---	---
---	MANHOLE	---	---	HYDRO POLE	---	---	---	---
---	CATCH BASIN	---	---	STREET LIGHT	---	---	---	---
---	GAS	---	---	JOINTS	---	---	---	---
---	HYDRO	---	---	ASPHALT REPAIR	---	---	---	---

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPPLY	U/G	STRUCTURES	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.	DESIGNED BY	CHECKED BY	DRAWN BY	APPROVED BY	HOR. SCALE	VERT. SCALE	REVISIONS	DATE	BY
---	---	R.H.	K.G.	R.H.	S.M.	1:250	AS SHOWN	3	18/07/10	M.B.S.
---	---	---	---	---	---	---	---	2	18/07/08	K.G.
---	---	---	---	---	---	---	---	1	18/06/27	R.H.
---	---	---	---	---	---	---	---	NO	---	---

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

NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2018 LOCAL IMPROVEMENTS
BIRCHDALE AVE./LAWNDALE AVE. ALLEY
FROM STA. AT 1+80 TO WALMER ST.

CONSULTANT DRAWING NO.
18M-00749-00 -02

APSHALT RECONSTRUCTION

CITY DRAWING NO.
LD-----
SHEET 2 OF 12
BID OPPORTUNITY
530-2018