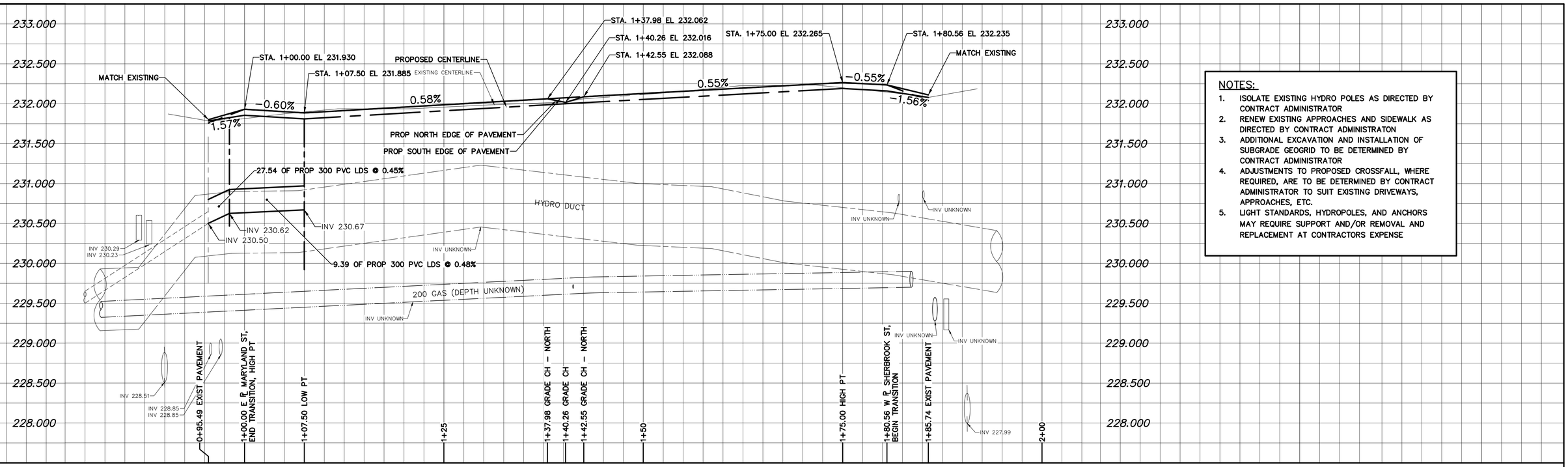
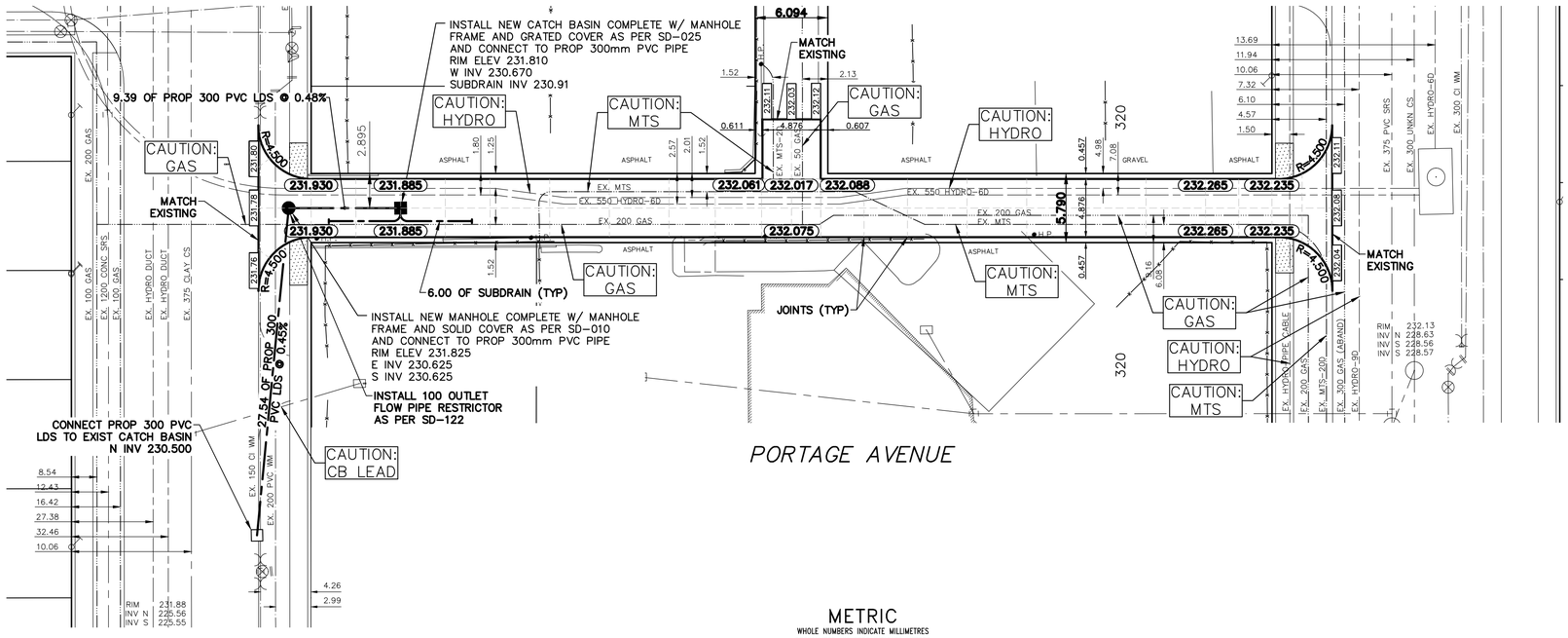


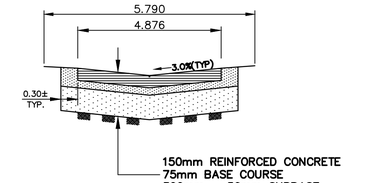

NOTES:

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

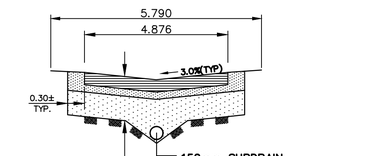
N




150mm REINFORCED CONCRETE
75mm BASE COURSE
300mm – 50mm SUBBASE
SUBGRADE GEOTEXTILE
SUBGRADE GEOGRID (AS REQUIRED)

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




150mm SUBDRAIN
150mm REINFORCED CONCRETE
75mm BASE COURSE
300mm – 50mm SUBBASE
SUBGRADE GEOTEXTILE
SUBGRADE GEOGRID (AS REQUIRED)

TYPICAL ALLEY CROSS SECTION WITH SUBDRAIN
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

| EXISTING | LEGEND – PLAN | PROPOSED | EXISTING | LEGEND – PLAN | PROPOSED | EXISTING | LEGEND – PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | | |

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. | | |
|---|---|---|---|
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| 2 | ISSUED FOR TENDER | 17/06/05 | R.H. |
| 1 | PRELIMINARY DESIGN | 17/04/03 | K.G. |


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


| | |
|---|---|
| DESIGNED BY M.B.S. | CHECKED BY R.H. |
| DRAWN BY M.B.S. | 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 **-30**

Winnipeg

# THE CITY OF WINNIPEG
## PUBLIC WORKS DEPARTMENT

## 2017 ALLEY RENEWALS – CONTRACT 2
## MARYLAND STREET/SHERBROOK STREET ALLEY
FROM MARYLAND STREET TO SHERBROOK STREET

CONCRETE PAVEMENT

CITY DRAWING NO.

SHEET 1 OF 1

BID OPPORTUNITY
380-2017

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

PLOT DATE: 2017 06 05

BID OPPORTUNITY: 380-2017
CONTRACT NUMBER: 2

FILE PATH: L:\Projects\2017\171-01396-00 2017 Alley Renewals (S.M.)\03 DWGS\02 Working Dwgs\04 Civil\2017 Alley Renewals –
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