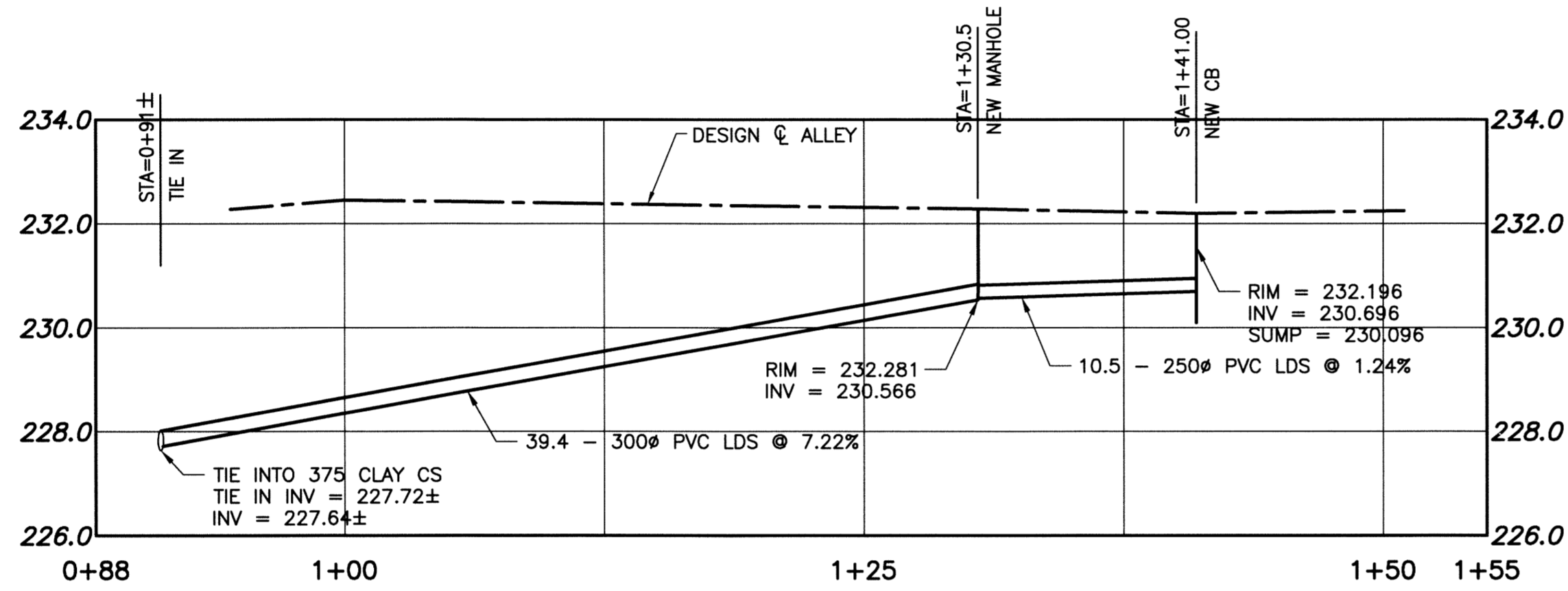


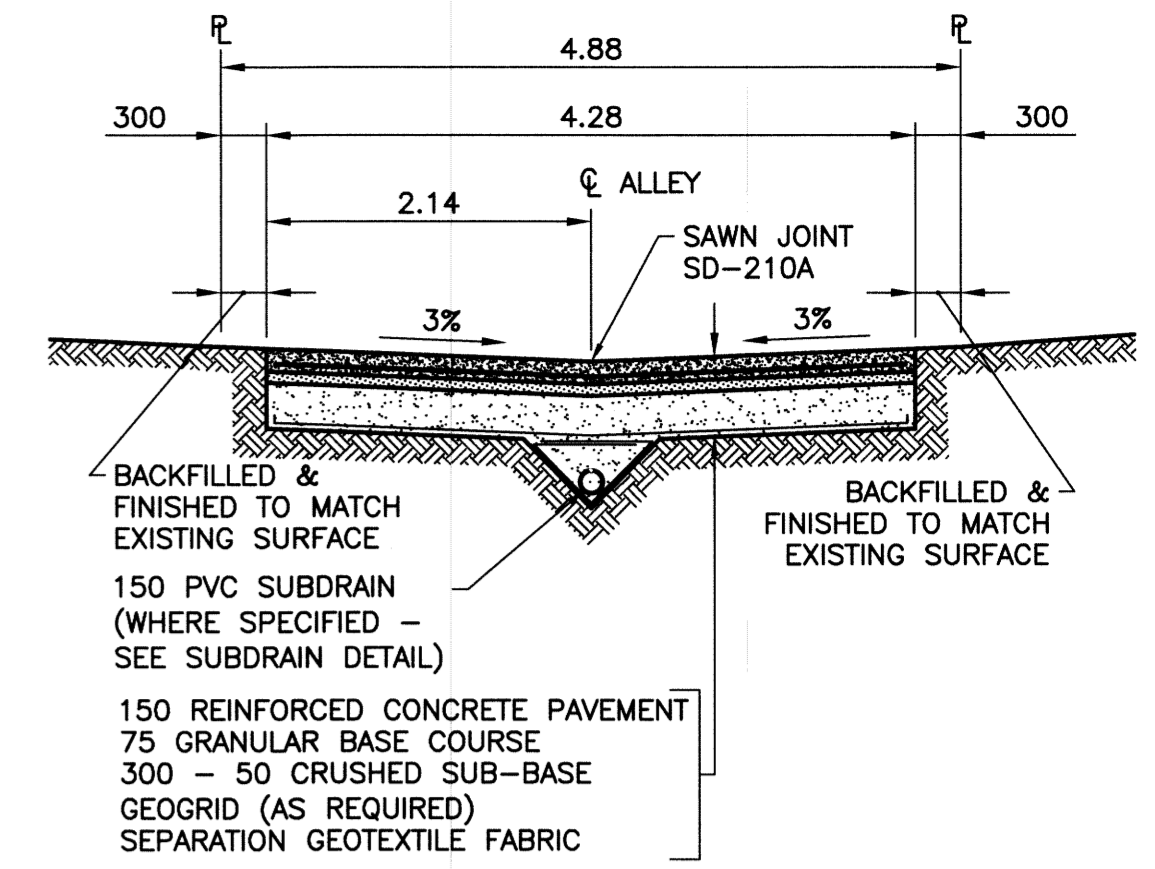
ALLEY PAVEMENT PROFILE

SCALE: 1:250 HOR
1:10 VER



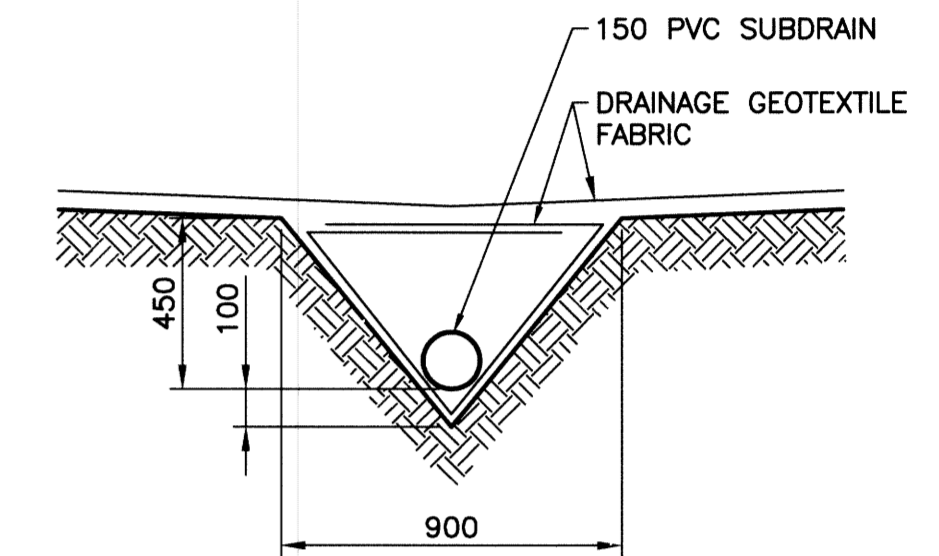
ALLEY CB LEAD PROFILE

SCALE: 1:250 HOR
1:100 VER



TYPICAL CROSS SECTION

SCALE: 1:50



SUBDRAIN DETAIL

SCALE: 1:20

NOTES:

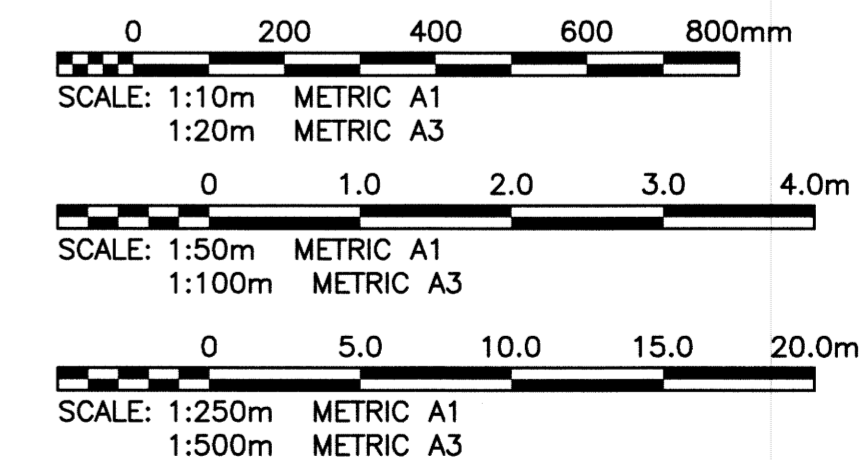
1. STATION CHAINAGE IS BASED ON CENTERLINE OF ALLEY RIGHT OF WAY.
2. ADJUST MH AND CB RIMS TO NEW GRADES.
3. PLUG SUBDRAINS AT TERMINAL ENDS.
4. REGRADE EXISTING PRIVATE SIDEWALKS AS REQUIRED.
5. INSTALLATION OF LIP CURBS AND THEIR EXTENTS TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
6. LIGHT STANDARDS, HYDRO POLES AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. ISOLATE ALL POLES, BASES AND PILES WITHIN ALLEY RIGHT OF WAY (SD-228C)
8. AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION.

WARNING

NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

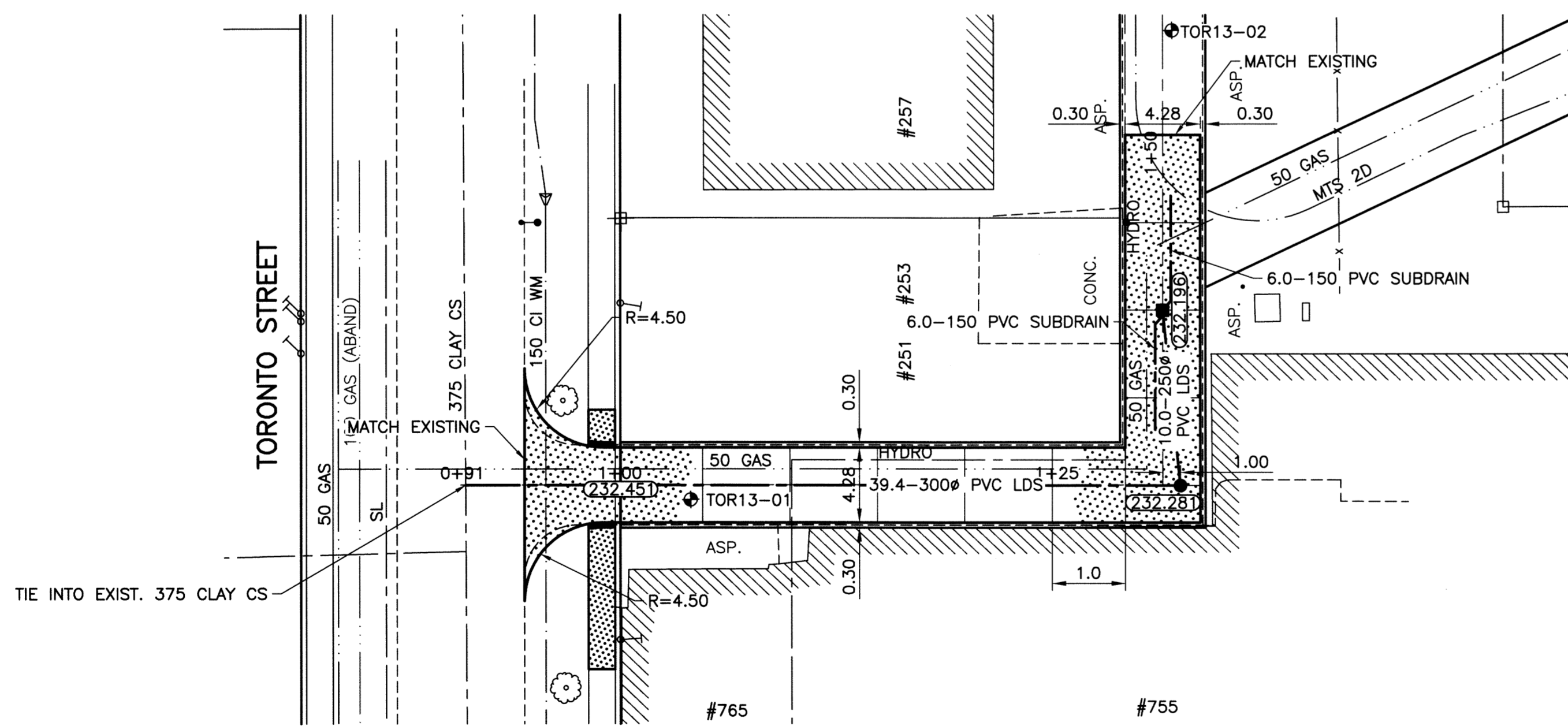
METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.



PORTAGE AVENUE ALLEY PAVEMENT PLAN

SCALE: 1:250 HOR



| | | | | | | | | | |
|----------|---------------------|----------|----------|-------------|----------|----------|----------------|----------|--|
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | | | | | | | |
| 250 WWS | WASTE WATER SEWER | 250 WWS | | | | | | | |
| | GAS | | | | | | | | |
| | HYDRO | | | | | | | | |
| | M.T.S. | | | | | | | | |
| 150 WM | WATERMAIN | 150 WM | | | | | | | |
| | HYDRANT | | | | | | | | |
| | VALVE | | | | | | | | |
| | MANHOLE | | | | | | | | |
| | CATCH BASIN | | | | | | | | |
| | CURB INLET | | | | | | | | |
| | POLES T-MTS H-HYDRO | | 231.334 | | | | | | |
| 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. | 37-012 | 74M603 - Tbt. in S. wall of Lions Manor, Portage Ave. & Sherbrook St., 2.4m W. of S.E. Cor. of Bldg. |
| ELEV. | 232.457 | |
| DESIGNED BY | GES | CHECKED BY CR |
| DRAWN BY | GEL | APPROVED BY RJH |
| 1 | ISSUED FOR ADDENDUM 1 | 13/08/28 |
| 0 | ISSUED FOR TENDER | 13/08/22 |
| NO. | REVISIONS | DATE |

| | |
|---------------------------------------|----------|
| KGS GROUP CONSULTING ENGINEERS | |
| DESIGNED BY | GES |
| CHECKED BY | CR |
| DRAWN BY | GEL |
| APPROVED BY | RJH |
| HOR. SCALE: | 1:250 |
| VERTICAL: | 1:50 |
| RELEASED FOR CONSTRUCTION: | |
| DATE | 13/08/20 |

ENGINEER'S SEAL

 CONSULTANT DRAWING NO. 13-0107-011_C15

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT TRANSPORTATION ENGINEERING DIVISION

PROJECT TITLE: 2013 ALLEY RENEWAL PROGRAM CONTRACT 2
 TORONTO ST TO VICTOR ST WEST

SHEET 15 OF 15
 COMPUTER FILE NAME: 13-0107-011_CALL
 CITY DRAWING NUMBER: 0015

P:\Projects\2013\13-0107-011\Doc\Control\Tobias\DWG\13-0107-011_C15-Rev 1.dwg - Tab: 15 Plotted By: G. Green 08/27/2013 [Tue 2:07pm] PLOT 1:1 A-1