



- NOTES:**
- ADJUST MH, CB RIMS, AND VALVES TO NEW GRADES.
 - CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - MODIFIED BARRIER CURBS (SD-203B) TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII, AND BULL NOSES.
 - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - ADD 200.00m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
 - CB OFFSETS ARE DIMENSIONED TO BOC.
 - FOR SIDEWALK DETAIL SEE STREETSCAPE DRAWINGS

NOTE:
These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PROFILE | PROPOSED |
|----------|---------------------|----------|----------|------------------------|----------|----------|------------------------|----------|
| --- | WATERMAIN | --- | --- | ANCHOR | --- | --- | CIVIC ADDRESS | --- |
| --- | LAND DRAINAGE SEWER | --- | #111 | IRON BAR | --- | --- | LIGHT STANDARD | --- |
| --- | WASTE WATER SEWER | --- | + | HYDRO POLE | --- | --- | CURB RAMP | --- |
| --- | HYDRO | --- | + | CURB RAMP | --- | --- | EDGE OF SIDEWALK | --- |
| --- | M.T.S. | --- | + | EDGE OF SIDEWALK | --- | --- | PROPERTY LINE | --- |
| --- | GAS | --- | + | EDGE OF PAVEMENT | --- | --- | EDGE OF PAVEMENT | --- |
| --- | SIGNALS | --- | + | MODIFIED BARRIER CURB | --- | --- | MODIFIED BARRIER CURB | --- |
| ○ | MANHOLE | ● | --- | BARRIER CURB | --- | --- | BARRIER CURB | --- |
| □ | CATCH BASIN | ■ | --- | BARRIER CURB & GUTTER | --- | --- | BARRIER CURB & GUTTER | --- |
| △ | CURB INLET | ▽ | --- | EDGE OF CONCRETE | --- | --- | EDGE OF CONCRETE | --- |
| --- | UTILITIES ADJUST | △ □ ○ | --- | EDGE OF GRAVEL | --- | --- | EDGE OF GRAVEL | --- |
| --- | PLUG | + | --- | SIDEWALK | --- | --- | SIDEWALK | --- |
| --- | HYDRANT | + | --- | PROPERTY/BUILDING LINE | --- | --- | PROPERTY/BUILDING LINE | --- |
| --- | VALVE | + | --- | WATERMAIN | --- | --- | WATERMAIN | --- |
| --- | CURB STOP | + | --- | LAND DRAINAGE SEWER | --- | --- | LAND DRAINAGE SEWER | --- |
| --- | GROUND GRADE | --- | --- | WASTE WATER SEWER | --- | --- | WASTE WATER SEWER | --- |
| --- | PAVEMENT GRADE | (31.00) | --- | ASPHALT OVERLAY | --- | --- | ASPHALT OVERLAY | --- |
| --- | LOT GRADE | [31.00] | --- | --- | --- | --- | --- | --- |
| --- | EXISTING | --- | --- | --- | --- | --- | --- | --- |

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE: _____

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

| NO. | REVISIONS | DATE | BY |
|-----|-------------------------------------|----------|----|
| B | ISSUED FOR TENDER | 28.07.15 | MW |
| A | ISSUED TO U/G STRUCTURES FOR REVIEW | 21.07.15 | MW |

MMM GROUP

DESIGNED BY: GP
CHECKED BY: VM

DRAWN BY: ED/TP
APPROVED BY: VM

HOR. SCALE: 1:250
VERTICAL: 1:10

ISSUED FOR TENDER: 28.07.15 MW
ISSUED TO U/G STRUCTURES FOR REVIEW: 21.07.15 MW

DATE: JULY 27, 2015

ENGINEER'S SEAL

CONSULTANT ACAD DWG. NO. C03

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

CITY OF WINNIPEG

2015 NORTH EAST EXCHANGE DISTRICT STREET RENEWALS

RORIE STREET
(John Hirsch Place to Market Avenue)

CITY DRAWING NUMBER: SHEET 3 OF 15

BID NO. 669-2015

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

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