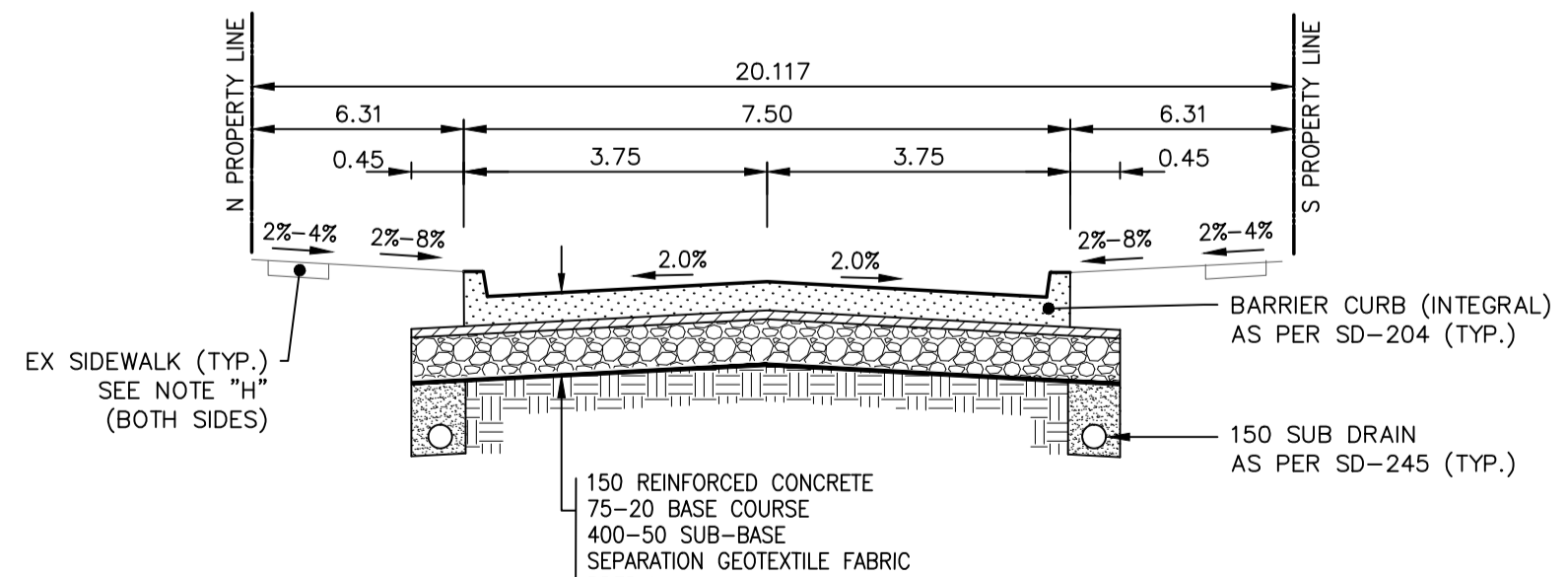


- GENERAL NOTES:**
- ADJUST MH, CB RIMS, AND VALVES TO NEW GRADES.
 - CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - MODIFIED BARRIER CURB TO BE USED AT ALL INTERSECTION 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.
 - PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
 - SIDEWALKS TO BE RENEWED WITH CONCRETE AS NOTED BY CONTRACT ADMINISTRATOR.
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSIVE OF THE CONTRACTOR AS NECESSARY.

WATER AND WASTE RENEWAL ANTICIPATED FOR JUNE/JULY. TO BE COMPLETED BY WATER AND WASTE DEPARTMENT.



TYPICAL CROSS-SECTION NTS

PRELIMINARY

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

Mar 05, 2015 - 4:06pm
P:\5514100-5514199-5514132 - 2015 Local Streets and Alley Renewal 15-R-06\MM Drawings\Redwood Avenue - Reconstruction\5514132-Redwood Ave.dwg - Job: STA 2+00 - STA 3+40

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
○	MANHOLE	●	—	WATER MAIN	—	—	EDGE OF CONCRETE	—
□	CATCH BASIN	■	—	LAND DRAINAGE SEWER	—	—	PROPERTY LINE	—
△	CURB INLET	▽	—	WASTE WATER SEWER	—	—	GUTTER	—
◇	UTILITIES ADJUSTED	△ ○	—	HYDRO	—	—	MODIFIED BARRIER CURB	—
J	PLUG	J	—	M.T.S.	—	—	BARRIER CURB	—
⊕	HYDRANT	⊕	—	GAS	—	—	CURB & GUTTER	—
⊗	VALVE	⊗	—	SIGNALS	—	—	GLASS GRID	—
⊕	IRON BAR	⊕	—	LIGHT STANDARD	—	—	CONCRETE	—
230.99	GROUND GRADE	—	—	DETECTABLE WARNING TILE	—	—	ASPHALT	—
(230.99)	PAVEMENT GRADE	(31.00)	—	CURB RAMP	—	—	ASPHALT OVERLAY	—
	LOT GRADE	[31.00]	—	EDGE OF SIDEWALK	—	—	ASPHALT JOINT REPAIR	—

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE: _____

SURV U/G STRUCTURES

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
1	ISSUED FOR TENDER	04.03.15	VMM
2	ISSUED TO U/G STRUCTURES FOR REVIEW	03.02.15	BOD

MMM GROUP

DESIGNED BY: BOD
DRAWN BY: KB

CHECKED BY: VMM
APPROVED BY: VMM

DATE: 05-Mar-15

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

RELEASED FOR CONSTRUCTION

ENGINEER'S SEAL

ORIGINAL SEALED BY
V.M. MAROTI
P. ENG.
03/02/15

CONSULTANT ACAD DWG. NO.
5514132-C2-04

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2015 LOCAL STREETS RENEWAL PRG
REDWOOD AVENUE - SGT TOMMY PRINCE ST TO BATTERY ST
CONCRETE RECONSTRUCTION
STA 2+00 TO BATTERY STREET

CITY DRAWING NUMBER
SHEET 4 OF 14

BID NO.
152-2015