

**QUANTITY NOTES:**

1. APPROXIMATE JOINTS AND SLABS TO BE RENEWED: **3400 m<sup>2</sup>**
2. APPROXIMATE SIDEWALK TO BE RENEWED: **1500 m<sup>2</sup>**
3. APPROXIMATE CURB TO BE RENEWED: **940 m**
4. AVERAGING PLANING THICKNESS: **50 mm**
5. AVERAGE ASPHALT REPLACEMENT THICKNESS: **65 mm**
6. APPROXIMATE PROJECT AREA: **12400 m<sup>2</sup>**

**CONSTRUCTION NOTES:**

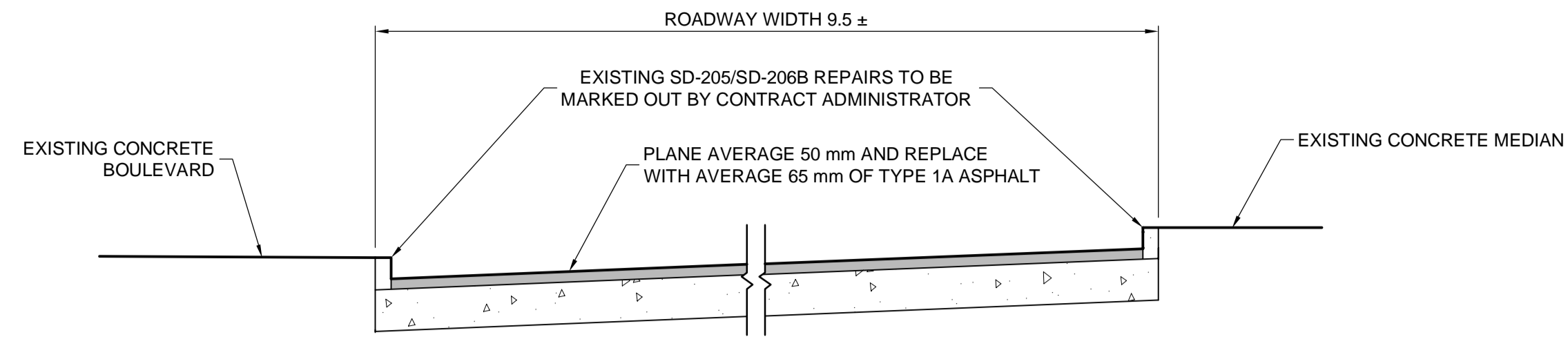
1. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR VERIFIED ALL UNDERGROUNDS IN THE FIELD.
2. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
3. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
4. INSTALL CB LEADS AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
5. LIMITS OF SIDEWALK RENEWAL TO BE DETERMINED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
6. LIMITS OF BOULEVARD GRADING TO BE DETERMINED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
7. TIE-INS TO BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
8. LIMITS OF CURB REPLACEMENT AND SPLASH STRIP REPLACEMENT TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
9. JOINT, SLAB, CURB AND SIDEWALK REPAIRS TO BE MARKED OUT IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
10. CONTRACTOR RESPONSIBLE FOR ALL BARRICADES AND SIGNAGE EXCEPT FOR REGULATORY (EG. NO LEFT TURNS) SUPPLIED BY TRAFFIC SERVICES BRANCH.

**METRIC**

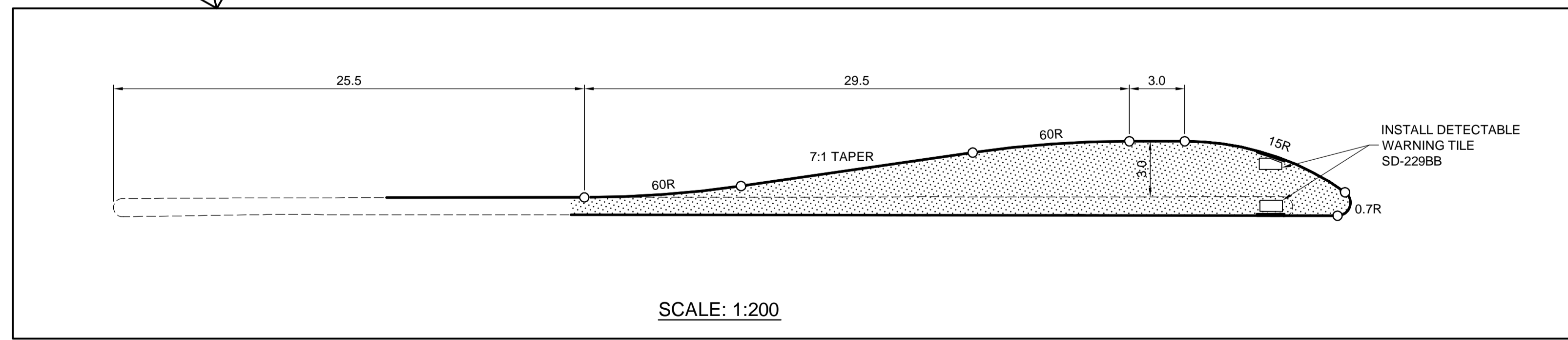
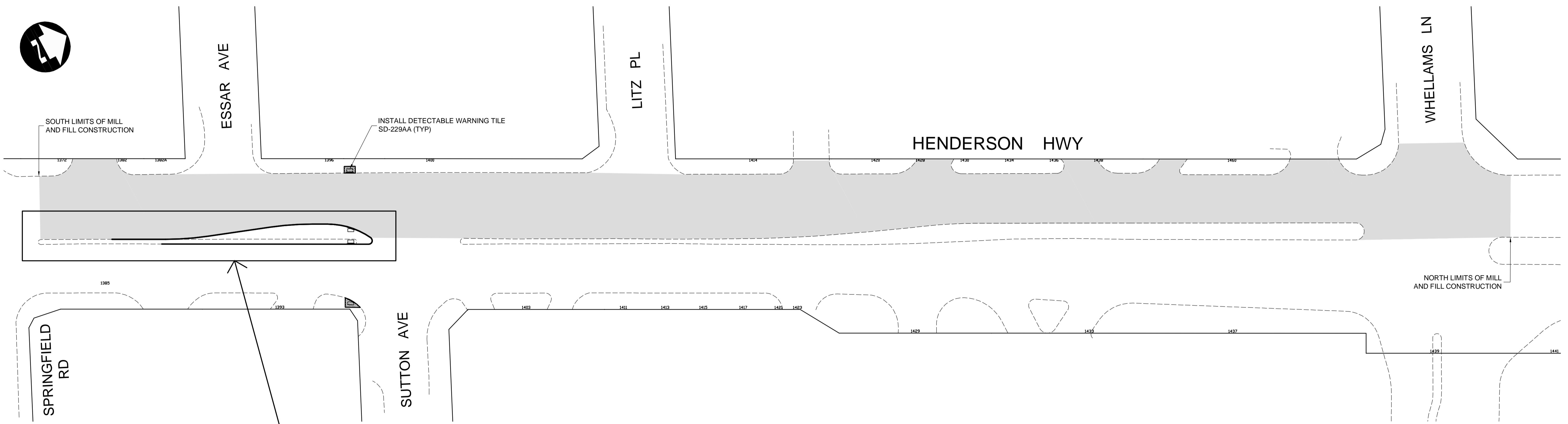
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**WARNING**

- IF POWER EQUIPMENT OR EXPLOSIVES USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR:
1. NOTIFIED THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
  2. TOOK PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
  3. OBTAINED EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



**TYPICAL SECTION (LOOKING NORTH)**  
SCALE: H - 1:50 V - 1:25



**APEGM**  
Certificate of Authorization  
**Dillon Consulting Limited (MB)**  
No. 1789 Date: 04/27/2015

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150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	HYDRO	150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕	MTS	MTS	MTS	⊕	HYDRANT	⊕
⊗	VALVE	⊗		CONCRETE		⊗	VALVE	⊗
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS		PLANING		250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●		SIDEWALK		○	MANHOLE	○
□	CATCH BASIN	■		PAVING STONES		□	NORTH/WEST GUTTER	□
▽	CURB INLET	▽		PARTIAL DEPTH REPAIR		▽	SOUTH/EAST GUTTER	▽
—	JUNCTIONS	—		PROPERTY LINE		—	NORTH/WEST DITCH	—
—	CULVERT	—		DRAINAGE ARROW		—	SOUTH/EAST DITCH	—
100 GAS	GAS	100 GAS		CURB RAMP		100 GAS		100 GAS
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

**UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES 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 WITH CONSTRUCTION.

B.M. ELEV.					
2	ISSUED FOR TENDER	04/27/15	TJP		
1	ISSUED FOR REVIEW	04/06/15	TJP		
NO.	REVISIONS	DATE	BY	DATE	

DESIGNED BY	AMC
DRAWN BY	TJH
CHECKED BY	ORIGINAL SIGNED BY TARAN J. PETERS
APPROVED BY	ORIGINAL SIGNED BY DAVE P. KRAHN
HOR. SCALE	1:400
VERTICAL	—
DATE	04/27/2015

**DILLON CONSULTING**

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
T.J. PETERS  
04/27/2015  
Member 22309

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

HENDERSON HIGHWAY

MILL & FILL

CITY DRAWING NUMBER P-3466-08  
SHEET 08 OF 10  
CONSULTANT DRAWING NUMBER

RELEASSED FOR CONSTRUCTION CONSTRUCTION  
ORIGINAL SIGNED BY BONNIE KONZELMAN  
DATE 04/27/2015

CONSULTANT PROJECT NUMBER  
14-1333