

13 EXCAVATE, REMOVE AND DISPOSE OF EXISTING PAVING AND BASE COURSES AS REQUIRED FOR INSTALLATION OF NEW PAVING WITH UNIT PAVER AND BRICK BANDING AT GRADES ESTABLISHED BY STANTEC

19 BUILDING ENTRANCE PAVING TYP. REFER TO DETAILS
18 SOUTH EDGE OF PAVING BAND TO LINE UP WITH EDGE OF BUILDING AT 492 MAIN ST.

LIMIT OF WORK

1. SOUTHBOUND BOULEVARD WORKS
2. SIDE STREET LIMITS AS INDICATED ON PLANS
3. CENTRE MEDIAN WORKS AS INDICATED ON PLANS
4. ADJUSTMENT TO NORTHBOUND BOULEVARD AS INDICATED ON PLANS

NOTES

1. ALL DIMENSIONS SHOWN IN METRIC UNITS. NUMBERS WITH DECIMALS INDICATE METERS. WHOLE NUMBERS INDICATE MILLIMETERS.
2. ALL DIMENSIONS ARE REFERENCED FROM PROPERTY LINES AND/OR BUILDING FACE AND BACK OF CURB.
3. THE CONTRACTOR SHALL PROVIDE A QUALIFIED CREW TO LAYOUT STREETSCLAPING ELEMENTS. THE CREW SHALL BE EQUIPPED WITH ALL THE NECESSARY EQUIPMENT TO PROVIDE HORIZONTAL AND VERTICAL LAYOUT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
4. CONFIRM ALL DIMENSIONS ON SITE AND HAVE ALL LAYOUT APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO ANY CONSTRUCTION. REPORT ANY DISCREPANCIES.
5. LAYOUT ALL TREE LOCATIONS FOR APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO EXCAVATION.
6. LAYOUT ALL CONCRETE SAWCUTS FOR REVIEW AND APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
7. STANTEC ENGINEERING/MANITOBA HYDRO WILL LAYOUT ALL LIGHT POLES AND DIAMOND LANE POLES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILED LAYOUT OF ALL STREETSCLAPING WORKS AS SHOWN ON THE DRAWINGS.
8. REFER TO STANTEC'S DRAWINGS AND SPECIFICATIONS FOR DETAILS AND LAYOUT OF ALL CURB AND ROADWAY WORKS.
9. REFER TO STANTEC'S DRAWINGS AND SPECIFICATIONS FOR DETAILS AND LAYOUT OF ALL EXISTING AND PROPOSED UTILITIES.
10. REFER TO STANTEC'S DRAWINGS AND SPECIFICATIONS FOR ELEVATIONS AND GRADES. MAINTAIN EXISTING GRADES AT ALL BUILDING EDGES AND PROPERTY LINES UNLESS OTHERWISE NOTED. ENSURE POSITIVE DRAINAGE TO ALL CATCH BASINS. MINIMUM CROSS SLOPE 1%. MAXIMUM CROSS SLOPE 2% ON CONCRETE SIDEWALK IN "SAFE" PEDESTRIAN ZONE.
11. REFER TO STANTEC'S DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF ALL HYDRO DUCTS, AREAWAYS AND UTILITIES THAT REQUIRE RECONSTRUCTION.
12. CONTRACTOR TO ADJUST GRADES OF ALL SERVICES IN SIDEWALK AS REQUIRED. REFER TO ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR ALL MANHOLE CATCH BASINS, FIRE HYDRANT, CURB STOPS, ETC. REMOVALS, RELOCATIONS AND ADJUSTMENTS.
13. THERE ARE A SIGNIFICANT NUMBER OF AREAWAYS WITHIN THE AREA OF PROPOSED WORKS. CONTRACTOR TO VERIFY LOCATION OF ALL AREAWAYS. REFER TO STANTEC'S DRAWINGS AND SPECIFICATIONS FOR LOCATIONS. DEPTH OF BURIAL IS NOT KNOWN. CONTRACTOR SHOULD EXERCISE EXTREME CAUTION IN AREA OF ALL AREAWAYS. REFER TO STANTEC'S DRAWINGS AND SPECIFICATIONS FOR INFORMATION REGARDING AREAWAYS TO BE RECONSTRUCTED OR ABANDONED.
14. LOCATION OF TRAFFIC SIGNALS AND BASES (WORK BY SIGNALS) AS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. REFER TO DRAWINGS BY TRAFFIC SIGNALS SECTION OF THE STREETS AND TRANSPORTATION DEPT. FOR EXACT LOCATIONS. CONTRACTOR TO REPORT ANY MAJOR DISCREPANCIES TO CONTRACT ADMINISTRATOR TO ALLOW ADJUSTMENT OF AFFECTED ELEMENTS ON SITE.
15. LAYOUT OF ALL LIGHT STANDARDS TO BE REVIEWED AND APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION OF CONCRETE BASES, TREE WELLS AND DECORATIVE PAVING BY CONTRACTOR. CONTRACTOR TO ADJUST LOCATIONS AND PAVING PATTERNS ON SITE AS REQUIRED IN CONJUNCTION WITH THE CONTRACT ADMINISTRATOR.
16. LOCATION OF ALL RAMP CURBS AND SIDEWALK RAMP TO BE CONFIRMED ON SITE RELATIVE TO SIGNAL POLE AND CROSSWALK LOCATIONS. ADJUST PAVING PATTERN AS REQUIRED. LOCATIONS TO BE APPROVED BY LANDSCAPE ARCHITECT/ACCESSIBILITY CONSULTANT PRIOR TO CONSTRUCTION. ALL RAMP MUST BE SMOOTH WITH NO DIPS OR STEPS IN PAVING. ALL SIDEWALK RAMP TO HAVE A MAXIMUM 6% SLOPE UNLESS OTHERWISE NOTED.

17. EXISTING ORNAMENTAL STREET LIGHT TROLLEY POLES TO BE REPLACED WITH TEMPORARY STREET LIGHTS BY MANITOBA HYDRO. LOCATION SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. REFER TO DRAWINGS AND SPECIFICATIONS BY MANITOBA HYDRO FOR NEW LOCATIONS. CONTRACTOR TO REPORT ANY MAJOR DISCREPANCIES TO CONTRACT ADMINISTRATOR TO ALLOW ADJUSTMENT OF AFFECTED ELEMENTS ON SITE.
18. CONTRACTOR TO PROTECT ALL TREES, POLES, AREAWAYS ETC. TO REMAIN TO CITY OF WINNIPEG STANDARDS.
19. EXISTING BENCHES, GARBAGE RECEPTACLES, NEWSPAPER BOXES, AND MAIL BOXES TO BE TEMPORARILY RELOCATED BY CONTRACTOR. CONTRACTOR TO COORDINATE WITH RESPECTIVE PARTIES AS REQUIRED.
20. ALL PROPOSED TRANSIT SHELTER CONCRETE FOUNDATIONS, MANITOBA HYDRO POWER PEDISTAL CONCRETE FOUNDATIONS, MTS BOOTH BASES, AND TRENCHING AND BACKFILLING (FOR ELECTRICAL WORK FOR HERITAGE LIGHTS, ILLUMINATED TRANSIT SIGN, VACOM SHELTERS AND POWER PEDISTALS) ARE INCLUDED IN THIS CONTRACT.
21. EXISTING PARKING METERS TO BE REMOVED BY CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT. CONTRACTOR TO INSTALL POST IN LOCATIONS INDICATED BY TRAFFIC SERVICES. POST TO BE SUPPLIED BY TRAFFIC SERVICES.
22. REMOVAL OF TRANSIT PRIORITY LANE SIGNAGE AND STREET SIGNAGE BY TRAFFIC SERVICES AS REQUIRED. CONTRACTOR TO INSTALL SIGN POST CLAMPS SUPPLIED BY TRAFFIC SERVICES IN LOCATIONS INDICATED BY TRAFFIC SERVICES.
23. INTERLOCK PAVERS TO BE REMOVED AND 1 PALLETTE OF EACH COLOUR OF 1" BRICK DELIVERED TO CITY OF WINNIPEG STORAGE YARD AS DIRECTED BY CONTRACT ADMINISTRATOR.
24. EXISTING MEDIAN PLANTERS TO BE REMOVED BY PARKS AND OPEN SPACE DIVISION. CONTRACTOR TO COORDINATE AS REQUIRED.
25. REMOVE ALL EXISTING TREES AND TREE WELLS ON WEST BOULEVARD AND ONLY THOSE NOTED IN CENTRE MEDIAN. BACKFILL WITH COMPACTED GRANULAR BASE COURSES IN AREAS OF NEW SIDEWALK AND PLANTING SOIL AS PER TREE WELL DETAILS 29/19 & 30/L10.
26. ALL BRICK AND UNIT PAVING EXTENDS BENEATH ALL STREET FURNITURE (PLANTERS, NEWSPAPER BOXES, GARBAGE RECEPTACLES AND BENCHES) PAVING RADI TO BE ADJUSTED ON SITE TO MEET EXISTING CONDITIONS.
27. CONTRACTOR TO SUPPLY AND INSTALL SQUARE CONCRETE COLLARS FOR ALL SURFACE UTILITIES IN SIDEWALK WHERE COLLAR EXTENDS INTO PAVING BANDS CONTRACTOR TO ENSURE CONCRETE EXTENDS TO NEAREST LINE OF PAVER OR BRICK. REFER TO DETAIL 16/L9.
28. TO MEET NEW SIDEWALK GRADES AT CROSS STREETS WITH INTERLOCK SIDEWALKS: REMOVE AND STOCKPILE EXISTING PAVING STONE AND BRICK. REMOVE AND DISPOSE OF EXISTING BASE AND REPLACE WITH LEAN MIX CONCRETE BASE (TO CITY OF WINNIPEG STANDARDS) WITH SAND LEVELLING COURSE TO NEW DESIGN GRADES. REINSTALL EXISTING PAVING STONES AND BRICK ON NEW BASE.
29. TO MEET NEW SIDEWALK GRADES AT CROSS STREETS WITH CONCRETE SIDEWALK: REMOVE AND DISPOSE OF EXISTING CONCRETE SIDEWALK. SUPPLY AND INSTALL NEW CONCRETE SIDEWALK AND COMPACTED GRANULAR BASE TO GRADE AND SLOPES REQUIRED TO MEET FLUSH WITH NEW CURB OR PAVING.
30. EXISTING ILLUMINATED TRANSIT SIGN TO BE REMOVED AND REPLACED BY WINNIPEG TRANSIT. CONCRETE FOUNDATION TO BE REMOVED (MIN 1 METRE BELOW FINISHED GRADE) AND NEW CONCRETE BASE TO BE INSTALLED BY CONTRACTOR. CONTRACTOR TO TRENCH AND BACKFILL FOR NEW ELECTRICAL CONNECTION. MANITOBA HYDRO TO SUPPLY AND INSTALL CONDUIT AND WINNIPEG TRANSIT TO SUPPLY AND INSTALL WIRING. CONTRACTOR TO COORDINATE WITH WINNIPEG TRANSIT AND MANITOBA HYDRO AS REQUIRED.

31. CONTRACTOR TO REGRADE EXISTING PAVING. SEE NOTE 28
32. SMALL BUILDING ENTRANCE PAVING PATTERN REFER TO DETAILS
33. CONTRACTOR TO REGRADE EXISTING PAVING. SEE NOTE 28
34. EXISTING ILLUMINATED TRANSIT SIGN TO BE REMOVED AND REPLACED BY WINNIPEG TRANSIT. CONCRETE FOUNDATION TO BE REMOVED (MIN 1 METRE BELOW FINISHED GRADE) AND NEW CONCRETE BASE TO BE INSTALLED BY CONTRACTOR. CONTRACTOR TO TRENCH AND BACKFILL FOR NEW ELECTRICAL CONNECTION. MANITOBA HYDRO TO SUPPLY AND INSTALL CONDUIT AND WINNIPEG TRANSIT TO SUPPLY AND INSTALL WIRING. CONTRACTOR TO COORDINATE WITH WINNIPEG TRANSIT AND MANITOBA HYDRO AS REQUIRED.

HYDRO	HYDRO LINE	—○—	EXISTING SIGNAL LIGHT	○
GAS	GAS LINE	—□—	EXISTING SIGNAL LIGHT TO BE REMOVED	○
SEWER	SEWER LINE	—x—	STREET LIGHT TO BE REMOVED	+
WM	WATER LINE	—•—	PROPOSED PEDESTRIAN SIGNAL	○
INTERCEPTOR	INTERCEPTOR	—■—	PROPOSED SIGNAL LIGHT (DAVIT)	○
MTS	MTS LINE	—●—	PROPOSED SIGNAL LIGHT (POLE)	○
AT&T	AT&T	—▲—	PROPOSED STREET LIGHT	○
	PROPERTY LINE	—◇—	PROPOSED DIAMOND LANE SIGN POLE	○
+	HYDRANT	—●—	EXISTING PLANTER	○
△	EXISTING CATCH BASINS	—▲—	EXISTING PARKING METER	○
⊕	EXISTING MANHOLE	—●—	PROPOSED TEMPORARY LIGHT LOCATION	4

EXISTING TREE	○
PROPOSED TREE	+
EXISTING FENCE	—■—
MUNIC PAVER	—■—
PAVING BAND	—■—
PARKING SIGNAGE	4

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.	
DESIGNED BY	SR/JW/AH
CHECKED BY	SR
DRAWN BY	AH/IG
APPROVED BY	FC/DP
HOR. SCALE:	1:250
VERTICAL:	N/A
RELEASED FOR TENDER	23/03/04 SR
RELEASED FOR CITY REVIEW	20/02/04 SR
NO. REVISIONS	DATE BY
DATE	23/03/04



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
STREETS ENGINEERING DIVISION

MAIN ST. STREETSCLAPING
LOMARD AVE. TO DISRAELI FREEWAY
WEST SIDE
LAYOUT AND PLANTING PLANS

SHEET 18 OF 27
CAD FILE DRAWING NUMBER: MAN2003-L3RPG.dwg
CITY DRAWING NUMBER: P-3247-18

CONSULTANT DRAWING NO. L3

RELEASED FOR CONSTRUCTION: MARCH 25, 2004
ORIGINALLY SIGNED BY: FRED COREY, P. ENG.

