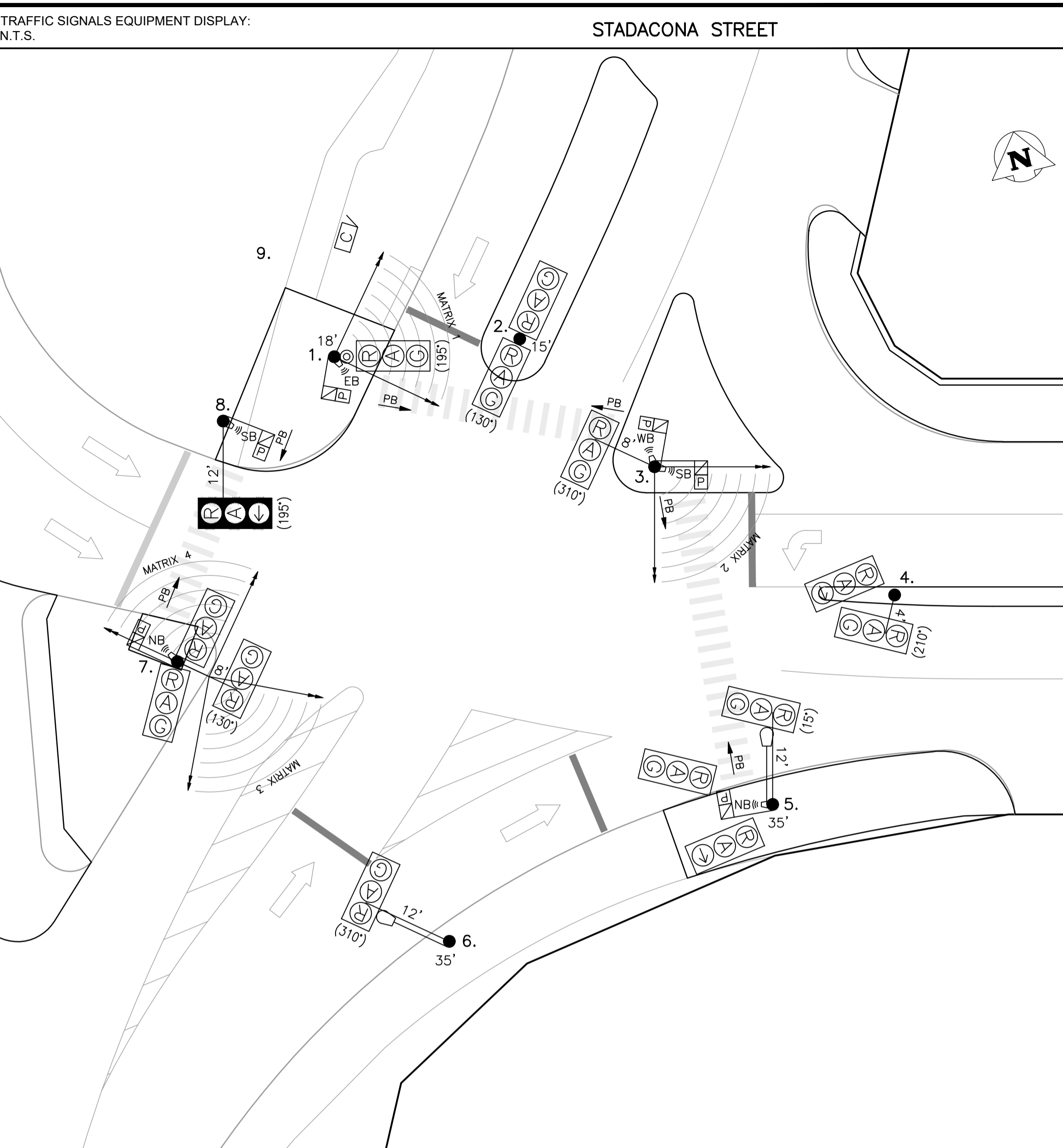


DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	1		
MATRIX 2	3		
MATRIX 3	7		
MATRIX 4	7		

**CONSTRUCTION NOTES:**

- PROJECT SCOPE**
- INSTALL CONDUIT, BASES AND PITS AS SHOWN.
  - INSTALL SERVICE AND GROUND ROD ON WOOD POLE #10 AS SHOWN. INSTALL MAST AND DISCONNECT ON XX QUADRANT. INSTALL WEATHER HEAD 150mm LOWER THAN THE LOWEST HYDRO WIRE. REMOVE EXISTING SERVICE FROM WOOD POLE #E9. TOTAL LENGTH OF SERVICE CABLE: 70m.
  - INSTALL EQUIPMENT AS SHOWN. REMOVE JOINT USE POLES #E2, #E4 & #E5.
  - TIMINGS REQUIRED.
- PROJECT COORDINATION**
- COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
  - COORDINATE HYDRO SERVICE INSTALLATION WITH (TODD FOUNTAIN), (204) 792-3682. RE: JUTA PERMIT No. B25242
  - TWO WEEKS PRIOR TO CONSTRUCTION, COORDINATE REMOVAL OF JOINT USE POLES #E2, #E4 & #E5 WITH DARREN TABAK, (204) 360-7521. dtabak@hydro.mb.ca.



INTERNAL REVIEW			
OPERATIONS:	DATE	INITIALS	
TIMINGS (INITIAL):	NEW TIMINGS	DATE	INITIALS
TIMINGS (PRE-FC):	NEW TIMINGS	DATE	INITIALS
TMC:	DATE	INITIALS	
STREET LIGHTING:	DATE	INITIALS	
TRAFFIC MANAGEMENT:	DATE	INITIALS	
FACILITIES PLANNING:	DATE	INITIALS	

EQUIPMENT DISPLAY LEGEND				EQUIPMENT LIST							
EXISTING	PROPOSED (AS SHOWN BELOW)	NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
	PEDESTRIAN HEAD WITH PCS						10.	HYDRO WOOD SERVICE:			
	PEDESTRIAN CORRIDOR BOX										
	RRFB (PHASE 'A' OR 'B')										
	VEHICLE DETECTION AREA										
	PUSH BUTTON & DIRECTION (APB - AUDIBLE PB)										
	APS SINGLE DIRECTION										
	APS DUAL DIRECTION (2 SEPARATE SPEAKERS)										
	TRAFFIC SIGNAL HEAD										
	TRAFFIC SIGNAL POLE										
	WOOD POST										
	ELECTRONIC DISPLAY										
	RED FLASHER										
	AMBER FLASHER (CIRCUIT 'A' OR 'B')										
	LUMINAIRE										
	CAMERA										
	LOW ARM (SHOWN FROM CENTRE)										
	HIGH ARM (SHOWN FROM SIDE)										

TRAFFIC SIGNALS UNDERGROUND LEGEND				SIGNAL BASE BOLT SQUARE TYPES			
EXISTING	ABANDONED	PROPOSED (AS SHOWN BELOW)	DISCONNECTED (LOOPS ONLY)	BOLT SQUARE (B.S.) DIA.			
1 1/2" PE CONDUIT		POLE BASE		TYPE "A" - 8 1/8"			
2" PE CONDUIT		WOOD POST		TYPE "B" - 6 3/4"			
4" PVC CONDUIT		CONTROLLER BASE		TYPE "C" - 8 1/8" SCREW TYPE			
AERIAL / BURIED CABLE		PEDESTAL BASE		TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.			
CONDUIT STUB		TERMINAL BASE		TYPE "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.			
BREAK-IN		SERVICE BOX (PIT)		TYPE "POD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS, 28" DIA.			
SPICE		24" PRECAST PIT		TYPE "E" - 9 9/16" SCREW TYPE			
SAW-CUT LOOPS		30" PRECAST PIT		TYPE "F" - 9 9/16"			
PERFORMED LOOPS		36" PRECAST PIT		TYPE "G" - 8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ.			
		REMOVAL		TYPE "GS" - 8 1/8", 1 1/4" DIA. BOLTS, 76mm PROJ.			
				TYPE "H" - 9 7/8" SCREW TYPE			
				TYPE "I" - 7 3/4"			
				TYPE "J" - 10 5/8", 1 1/4" DIA. BOLTS			
				TYPE "K" - 10 5/8", PRECAST, 1 1/4" DIA. BOLTS			
				TYPE "L" - 6", 5/8" DIA. BOLTS			
				TYPE "PM" - 8 1/8", PRECAST, 5/8" DIA. BOLTS			

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
150 WM	WATERMAIN	150 WM	PROPERTY LINE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
HYDRANT	HYDRANT	ROADWAY	ROADWAY	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
VALVE	VALVE	SIDEWALK	SIDEWALK	WOOD POLE	WOOD POLE	WOOD POLE	WOOD POLE	WOOD POLE
300 SEWER	SEWER	CURB & CURB RAMP	CURB & CURB RAMP	STREET LIGHT	STREET LIGHT	STREET LIGHT	STREET LIGHT	STREET LIGHT
MANHOLE	MANHOLE	WARNING TILE	WARNING TILE	BANNER POLE	BANNER POLE	BANNER POLE	BANNER POLE	BANNER POLE
CATCH BASIN	CATCH BASIN	SLOPE	SLOPE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE
CURB INLET	CURB INLET	CULVERT	CULVERT	GUY-WIRE	GUY-WIRE	GUY-WIRE	GUY-WIRE	GUY-WIRE
HYDRO	HYDRO	BUILDING	BUILDING	FENCE	FENCE	FENCE	FENCE	FENCE
100 GAS	GAS	TREE	TREE	GUARDRAIL	GUARDRAIL	GUARDRAIL	GUARDRAIL	GUARDRAIL

UNDERGROUND STRUCTURES	
UNDERGROUND STRUCTURES ID	DATE (YYYYMMDD)
WATER & WASTE REVIEW ID	

CONSTRUCTION REVISIONS			
NO.	REVISION	DATE (YYYYMMDD)	BY
A	ISSUED FOR INTERNAL REVIEW	2022/02/16	R.S.

ACCOUNTS:	
DESIGNED BY	WT PENDING
DRAWN BY	
CHECKED BY	

PRELIMINARY  
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT  
TRANSPORTATION DIVISION

TRAFFIC SIGNALS  
NAIRN AVE. & STADACONA ST.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED  
DRAWING NUMBER: S-1154