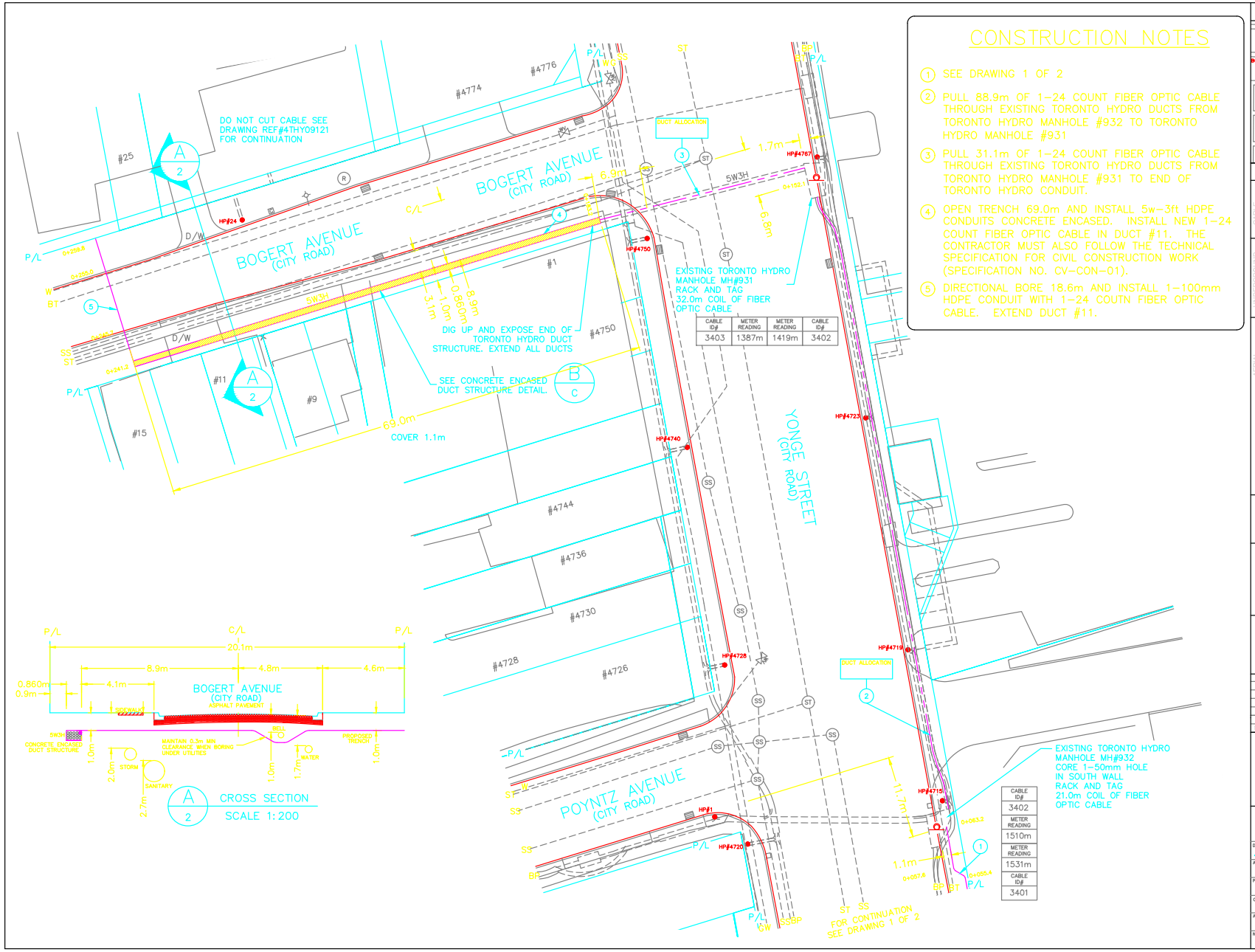


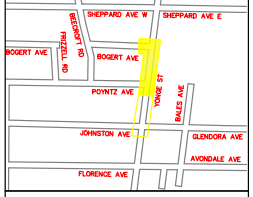
CABLE ID#	METER READING	METER READING	CABLE ID#
3403	1387m	1419m	3402

CABLE ID#
3402
METER READING
1510m
METER READING
1531m
CABLE ID#
3401

CONSTRUCTION NOTES

1. SEE DRAWING 1 OF 2
2. PULL 88.9m OF 1-24 COUNT FIBER OPTIC CABLE THROUGH EXISTING TORONTO HYDRO DUCTS FROM TORONTO HYDRO MANHOLE #932 TO TORONTO HYDRO MANHOLE #931
3. PULL 31.1m OF 1-24 COUNT FIBER OPTIC CABLE THROUGH EXISTING TORONTO HYDRO DUCTS FROM TORONTO HYDRO MANHOLE #931 TO END OF TORONTO HYDRO CONDUIT.
4. OPEN TRENCH 69.0m AND INSTALL 5w-3ft HDPE CONDUITS CONCRETE ENCASED. INSTALL NEW 1-24 COUNT FIBER OPTIC CABLE IN DUCT #11. THE CONTRACTOR MUST ALSO FOLLOW THE TECHNICAL SPECIFICATION FOR CIVIL CONSTRUCTION WORK (SPECIFICATION NO. CV-CON-01).
5. DIRECTIONAL BORE 18.6m AND INSTALL 1-100mm HDPE CONDUIT WITH 1-24 COUTN FIBER OPTIC CABLE. EXTEND DUCT #11.

KEY MAP (N.T.S.)



MATERIAL LIST

	MATERIAL	QUANTITY
	24 COUNT FIBER OPTIC CABLE	
	48 COUNT FIBER OPTIC CABLE	
	96 COUNT FIBER OPTIC CABLE	
	144 COUNT FIBER OPTIC CABLE	
	SPLICE ENCLOSURE	
	SPLICE TRAYS	
	TACS AND SPIRAL WRAP	
	DIRECTIONAL BORE	
	TRENCH-OPEN	
	ROD, ROPE AND VERIFY DUCT	
	PULL THROUGH EXISTING DUCT	
	CORE DRILL	
	CONDUIT(CONCRETE ENCASED)	
	HANDHOLE 900mm(3')x1500mm(9')x900mm(3')	
	MANHOLE 1530mm(5')x2920mm(9')x2770mm(9.5')	
	50mm (2") HDPE CONDUIT	
	100mm (4") HDPE CONDUIT	
	WARNING TAPE	
	ANCHORS 16mm(3/4") ROD	
	ANCHORS 16mm(5/8") ROD	
	MAKE READY-CATV	
	MAKE READY-POWER	
	MAKE READY-TELCO	
	MAKE READY-EXISTING FIBER	
	# OF POLE ATTACHMENTS	
	RISER POLES	
	U-GUARD	
	"C" CLAMP-100mm(4") GAL.	
	1/4" (6.6M) DOWNGUY	
	3/8" (10M) DOWNGUY	
	1/2" (25M) DOWNGUY	
	1/4" (6.6M) GUY-OVERHEAD GUY	
	3/8" (10M) GUY-OVERHEAD GUY	
	1/2" (25M) GUY-OVERHEAD GUY	
	GROUND ROD-16mm(5/8")x2400mm(8')	
	GROUND WIRE-#6 COPPER	
	LASH WIRE	
	EXTENSION SIDEARM	
	SIDEWALK ANCHOR/PIPE	
	STRAND-1/4" (6.6M)	
	STRAND-3/8" (10M)	
	STRAND-1/2" (25M)	
	OVERLASH	

FIBER OPTIC CABLE METER READING:

CABLE#	MANUFACTURER	TYPE	COUNT

MAGNATE ENGINEERING & DESIGN

THTI CONTACT

PATRICIA RITCHIE
TORONTO HYDRO
TELECOM INC.
185 THE WEST MALL
TORONTO, ONT M9C 5L5
PHONE: (416) 542-3351

PERMITS APPLIED FOR:

1.) CITY OF TORONTO
2.) TORONTO HYDRO

No.	DATE	REVISIONS	BY
4	18/07/05	AS BUILT	MS
3	01/04/05	ADDED CONCRETE ENCASED DUCT	DG
2	02/14/05	REVISED ROUTE	KG
1	01/21/05	DRAWING ESTABLISHED	DG

toronto hydro telecom

MAGNATE ENGINEERING AND DESIGN INC.
18 Automatic Road Unit 1C
Brampton, Ontario L6S 5N5
Telephone: (905) 799-8220

DESCRIPTION: 4711 YONGE TO 25 SHEPPARD AVENUE W

AREA: CITY OF TORONTO

PLOT DATED: JULY 18/2005	ISSUE #: 4
CONTRACTOR REF #: 4THY10129AB	SCALED: 1:500
APPROVED: / CITY U FILE #:	PAGE #: 2 OF 2
NTS# 0503707 / CAD Q.C.	