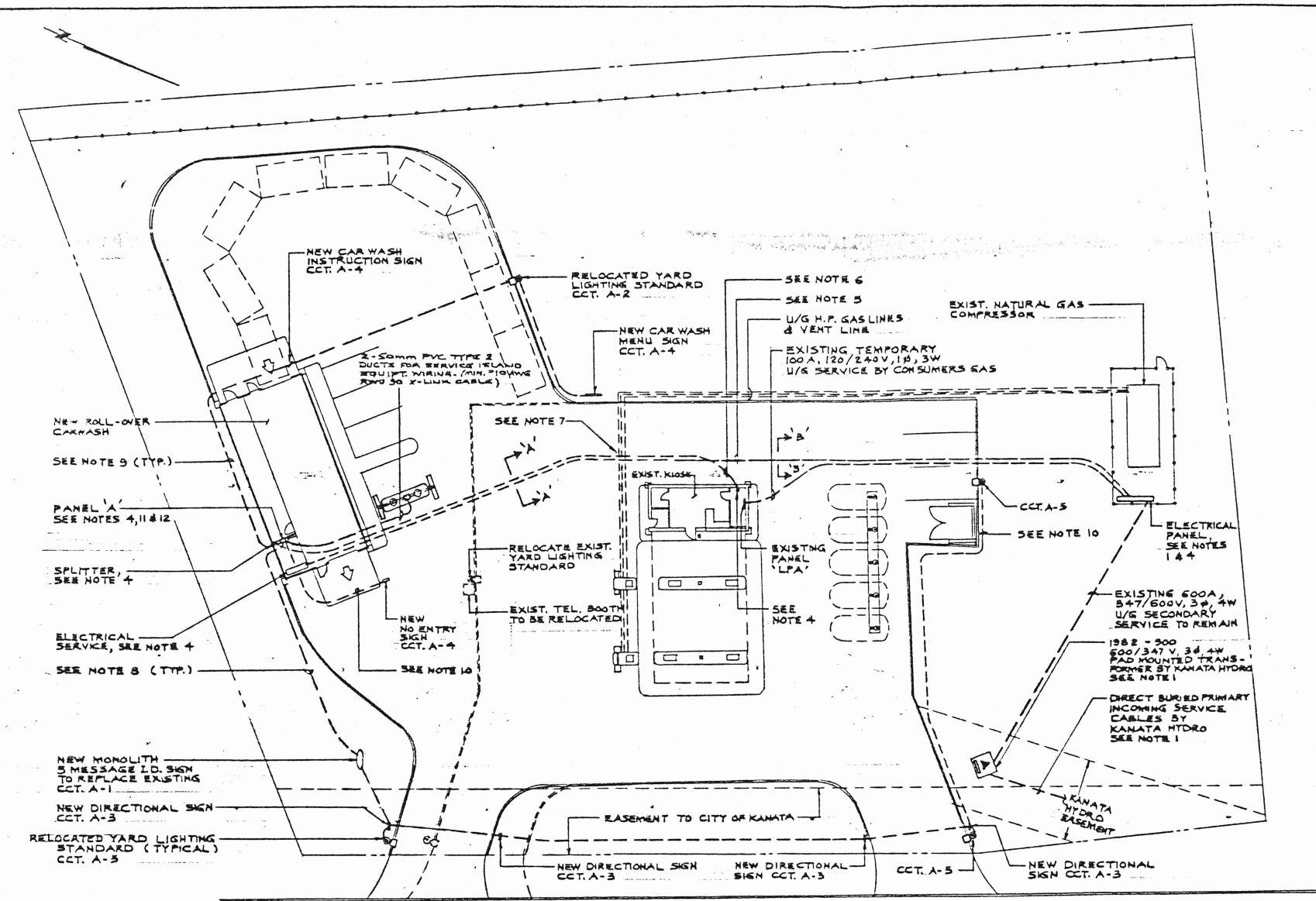
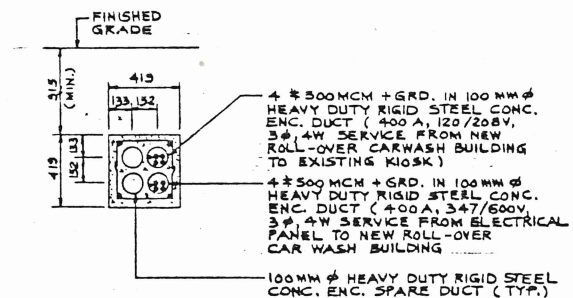
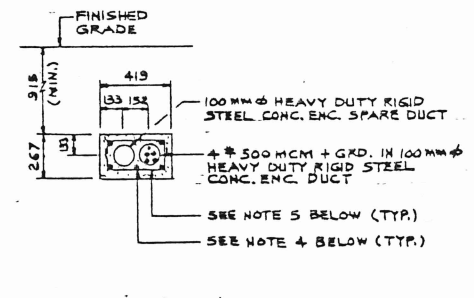




SITE PLAN
SCALE 1:250



SECTION 'A-A'
N.T.S.



SECTION 'B-B'
N.T.S.

NOTES: (DUCT BANK)

- ALL DUCTS SHALL BE 100MM Ø HEAVY DUTY RIGID STEEL.
- MATERIAL METHOD OF CONSTRUCTING DUCT BANK SHALL CONFORM WITH KANATA HYDRO'S STANDARDS AND SPECIFICATIONS.
- PROVIDE 21 MPa CONCRETE ENVELOPE.
- NO. 4 DEFORMED REINFORCING BARS.
- NO. 3 DEFORMED REINFORCING BAR TIES SPACED ON 610mm CENTRES ALONG ENTIRE LENGTH OF LONGITUDINAL BARS.
- MOULDED PLASTIC INTERLOCKING DUCT SPACERS @ 1524mm INTERVALS ALONG ENTIRE LENGTH OF DUCT BANK.
- PRECAST CONCRETE BLOCKS SPACED AT 915mm CENTRES ALONG ENTIRE LENGTH OF LONGITUDINAL BARS FOR SUPPORT.
- ALL LONGITUDINAL REINFORCING BARS TO BE WIRED TOGETHER TO NO. 3 TIE BARS AND TO PLASTIC SPACERS. LONGITUDINAL REINFORCING BARS SHALL OVERLAP 40 BAR DIAMETERS MINIMUM.
- CAP UNUSED DUCT.

NOTES:

- FOR INCOMING PRIMARY SERVICE, PAD MOUNTED TRANSFORMER AND ELECTRICAL PANEL DETAIL, REFER TO KANATA HYDRO'S DWG. NO. KH425D.
- ALL UNDERGROUND WIRING SHALL BE RWUSO XLPE INSULATION CONSEALED IN DUCT(S), UNLESS NOTED OTHERWISE.
- CO-ORDINATE ALL WORK WITH KANATA HYDRO AND OTHER TRADES.
- VERIFY EXACT LOCATION OF DUCT TERMINATIONS AT SITE.
- PROVIDE 4 #500MCM + GRD. (400A, 347/600V, 3Ø, 4W SERVICE) IN 100MM Ø HEAVY DUTY RIGID STEEL CONCRETE ENCASED DUCT + 1 x 100MM Ø HEAVY DUTY RIGID STEEL CONC. ENC. SPARE DUCT FROM 400/400AF-3P FUSED DISCONNECT SWITCH AT ELECTRICAL PANEL TO ELECTRICAL SERVICE IN NEW ROLL-OVER CARWASH BUILDING, REFER TO SECTION 'A-A'. (NOTE: 2 PARALLEL RUNS OF 4 #3/0 + GRD. IN 2 x 63MM Ø HEAVY DUTY RIGID STEEL CONC. ENC. DUCTS + 2 x 63MM Ø HEAVY DUTY RIGID STEEL CONC. ENC. SPARE DUCTS WILL BE ACCEPTABLE AS AN ALTERNATE). PROVIDE EYS SEALS AT EACH END.
- PROVIDE 4 #500MCM + GRD. (400A, 120/208V, 3Ø, 4W SERVICE) IN 100MM Ø HEAVY DUTY RIGID STEEL CONCRETE ENCASED DUCT + 1 x 100MM Ø HEAVY DUTY RIGID STEEL CONC. ENC. SPARE DUCT FROM 400/400AF-3P FUSED DISCONNECT SWITCH AT SPLITTER IN NEW ROLL-OVER CARWASH BUILDING TO EXISTING KIOSK, REFER TO SECTION 'A-A'. (NOTE: 2 PARALLEL RUNS OF 4 #3/0 + GRD. IN 2 x 63MM Ø HEAVY DUTY RIGID STEEL CONC. ENC. DUCTS + 2 x 63MM Ø HEAVY DUTY RIGID STEEL CONC. ENC. SPARE DUCTS WILL BE ACCEPTABLE AS AN ALTERNATE). PROVIDE EYS SEALS AT EACH END.
- THE NOMINAL DEPTH OF GAS PIPES IS 1220mm, VERIFY EXACT DEPTH AT SITE. MAINTAIN 305mm MINIMUM CLEARANCE BETWEEN GAS PIPES AND 4 x 100MM Ø HEAVY DUTY RIGID STEEL CONCRETE ENCASED DUCT BANK.
- ALL WIRING FOR CCT. A-1/3/5 SHALL BE 4 #8 + GRD. - 50MM Ø TYPE II RIGID PVC DIRECT BURIED DUCT (UNLESS NOTED OTHERWISE), 915mm MINIMUM BELOW FINISHED GRADE.
- ALL WIRING FOR CCT. A-2/4 SHALL BE 3 #8 + GRD. - 25MM Ø TYPE II RIGID PVC DIRECT BURIED DUCT (UNLESS NOTED OTHERWISE), 915mm MINIMUM BELOW FINISHED GRADE.
- PROVIDE 2 #8 + GRD. - 25MM Ø TYPE II RIGID PVC DIRECT BURIED CONDUIT, 915mm MINIMUM BELOW FINISHED GRADE.
- SIZE OF CCT. BKR. FOR CCT. A-1/3/5 SHALL BE 15A-3P.
- SIZE OF CCT. BKR. FOR CCT. A-2/4 SHALL BE 15A-2P.
- VERIFY EXACT LOCATION OF U/G UTILITIES PRIOR TO COMMENCING ANY WORK.

2	JUNE 1994	CABLES TO SERVICE ISLAND SHOWN, SOUTH BANK RELOCATED	SEC	
1	MAY 1994	GENERAL REVISION	M.A.	
NO	DATE	REVISION	BY	CHKD BY
HEAD OFFICE CALGARY ALTA.				
SITE PLAN AND DETAILS ELECTRICAL				
SCALE	AS NOTED	106 EAGLESTON ROAD KANATA, ONTARIO.		
DATE	MAY 1994			
DRAWN BY	M.A.			
CHECKED	T.A.F.			
APPROVED	T.A.F.			
FILE NO.	10231	DWG. NO. SPE-1		

