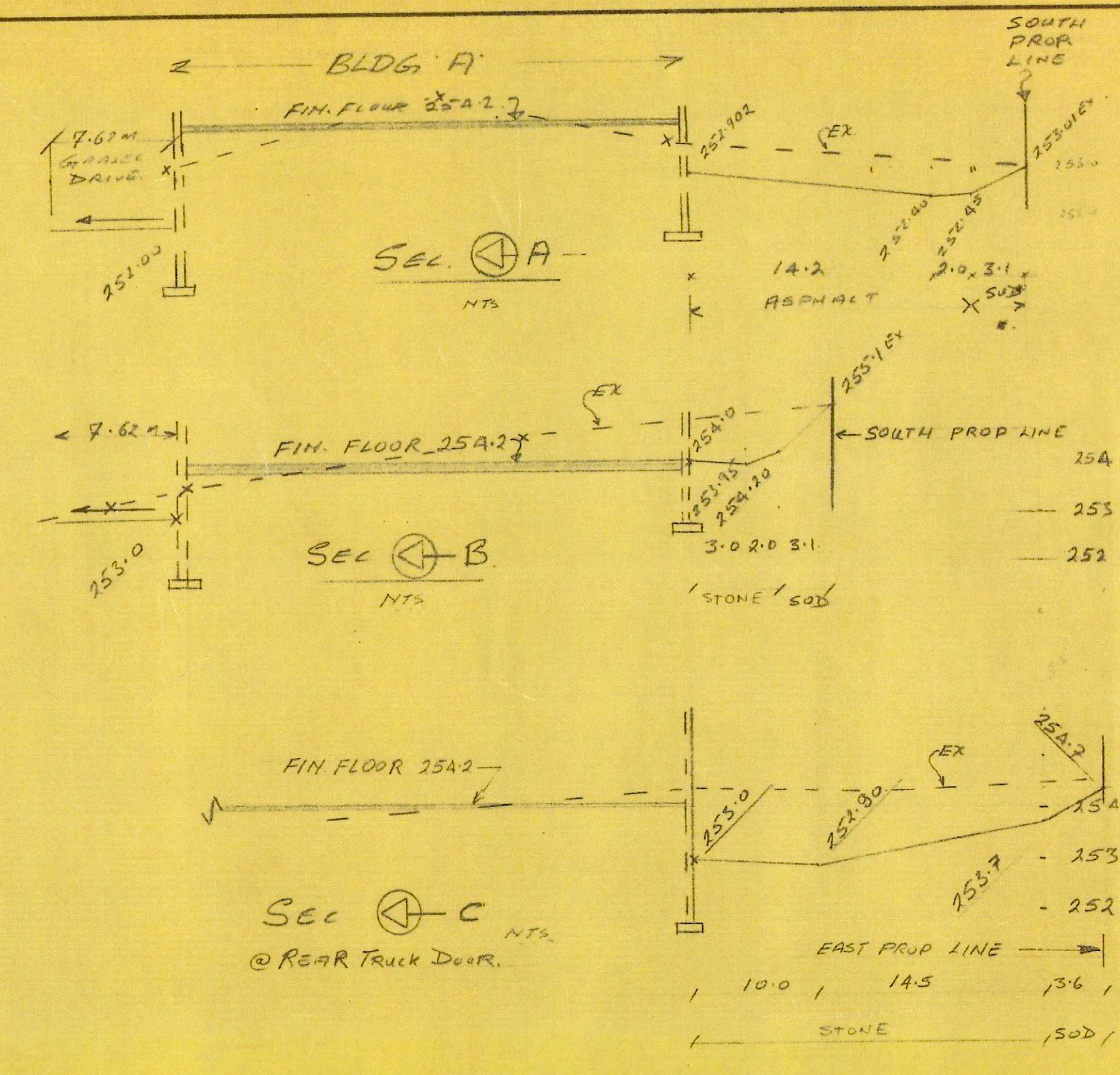
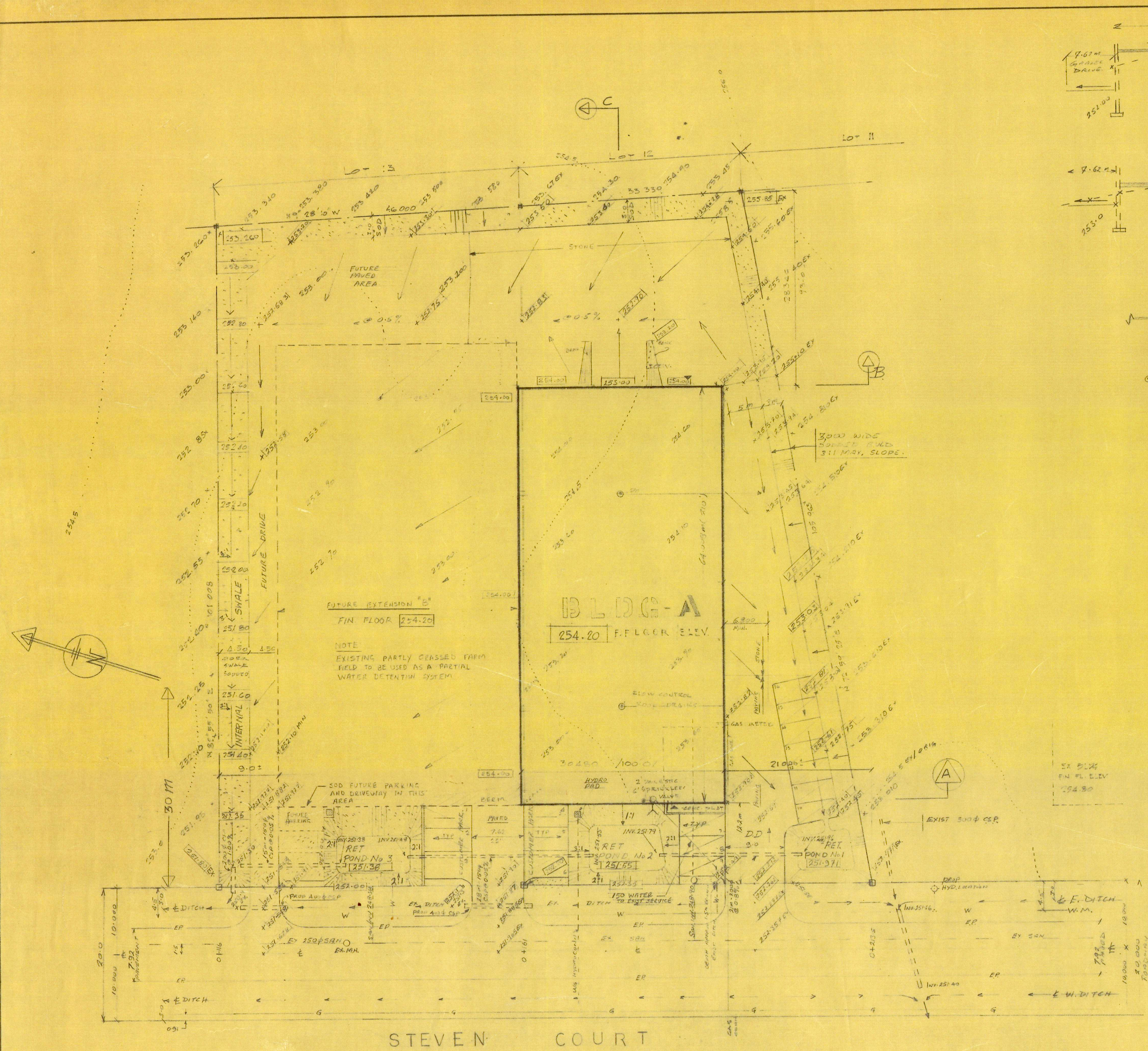




STORM DRAINAGE NOTES - SYR. Des.

RET. POND No. 1
 STORAGE CAPACITY 1610 CF depth = 2'
 OUTLET = 2004 CFS @ 0.18 % slope, Q = 0.3 cfs

RET. POND No. 2
 STORAGE CAPACITY 2232 CF depth = 2.0'
 OUTLET to pond No. 3, 1504 cfs @ 0.5 % slope

RET. POND No. 3
 STORAGE CAPACITY 2600 CF depth = 2.0'
 OUTLET to INTERNAL SWALE - 1004 cfs @ 0.5 % slope
 SWALE @ N.W. CORNER LOT 13, CARMAN = 1624
 OUTLET 2004 CFS @ 2.06 % slope
 Q = 0.77 cfs CRITICAL FLOW CONDITION

ROOF STORAGE
 BLDG 'A' @ 1' depth = 1402 C.F.
 BLDG 'B' @ 1' depth = 1724 C.F. (proposed)
 for future

TOTAL STORAGE AVAILABLE
 BLDG 'A' Roof + Pond No. 1, 2, 3 = 8056 C.F.
 MIN REQD FOR DEVELOPMENT OF BLDG 'A' ON
 LOT 12 = 7735 in Roof + Swale + Pond 2, 3. ALSO
 MIN. of 6366 in Pond No. 1

NOTE: 1. Control Flow Roof Hoppers must be used on
 BLDG 'A' @ 1' depth & Q max = 0.17 cfs, hoppers must
 empty into POND No. 1

2. Control Flow Roof Hoppers Must be used on
 BLDG 'B' (future), @ 1' depth & Q max = 0.245 cfs (storage = 1724)

3. To Develop BLDG 'A' & ASSOC. PAVED AREAS &
 SWALE, RET. POND No. 1, 2, 3, & 30M of INTERNAL
 SWALE must be constructed

4. Provide STRAW BALES OR OTHER MEANS
 TO PREVENT SOIL EROSION DURING CONSTRUCTION
 ALL ROAD SODDINGS MUST BE CARRIED OUT
 IMMEDIATELY

5. EXISTING GRADES AND SITE INFORMATION
 TAKEN FROM "BUCKFAST INVESTMENTS LIMITED"
 PREPARED BY "DUNTON KIRKAS LIMITED" April 1983

6. BLDG. LOCATION & OTHER SITE INFORMATION
 FROM - MR. STEVE MAHUT

Revised April 5/83

BENCH MARK
 N.B. ELEV. 244.197m
 BRONZE CAD IN SOUTH FACE OF NORTH
 CONC. BEADWALL. P.S. LEGGE BRIDGE
 OVER HOLLAND RIVER, MALCOLM ON

LEGEND: ZONE 1A-2
 LOT 12+13 PLAN 65M 2121
 TOWN OF NEWMARKET ONT

- LOT 12+13 AREA = 0.912 HA / 97,878 SQ. FT.
- BLDG. AREA 1950 M² / 21,000 SQ. FT.
- MAX. BLDG. AREA = 50% LOT AREA = 48,939
- " FUTURE EXTENSION = 2600 M² = 27,993
- PARKING 1 SPACE PER 46.5 M² G.F.A.
 REQUIREMENT TO BE SATISFIED
 PRIOR CONSTRUCTION OF EXTENSION

SD = Single Driveway | DD = Double Driveway
 SODDED AREAS SHOWN THUS: [Symbol]

0000.00 EX. EXISTING GRADES
 0000.00 PROPOSED FIN. GRADES

- ALL PARKING AREAS - PAVED
- ALL CULVERTS - 600mm CMP - BY TOWN OF NEWMARKET
 CONC. HYDRO PAD BY T/OF NEWMARKET
- ALL WATER MAINS TO BE A.W.W.A.C. 15 DUCTILE IRON
 CLASS 52 - CEMENT LINED WITH MECHANICAL OR PUSH ON
 JOINTS & COPPER BANDING STRAPS
- ALL VALVES TO BE GATE TYPE & TO OPEN COUNTERWISE
 & BE EQUIPPED WITH A 25mm OPERATING NUT
- MIN 1.7m CLEAR COVER IS REQUIRED ON ALL WATERMAIN &
 WATER CONNECTIONS & SANITARY CONNECTION.

SITE PLAN	
SCALE: 1:500	APPROVED BY:
DATE: FEB - 83	REVISION: 01
INDUSTRIAL BLDG FOR LEADER LAMINATORS	
STEVEN COURT TOWN OF NEWMARKET	DRAWING NUMBER