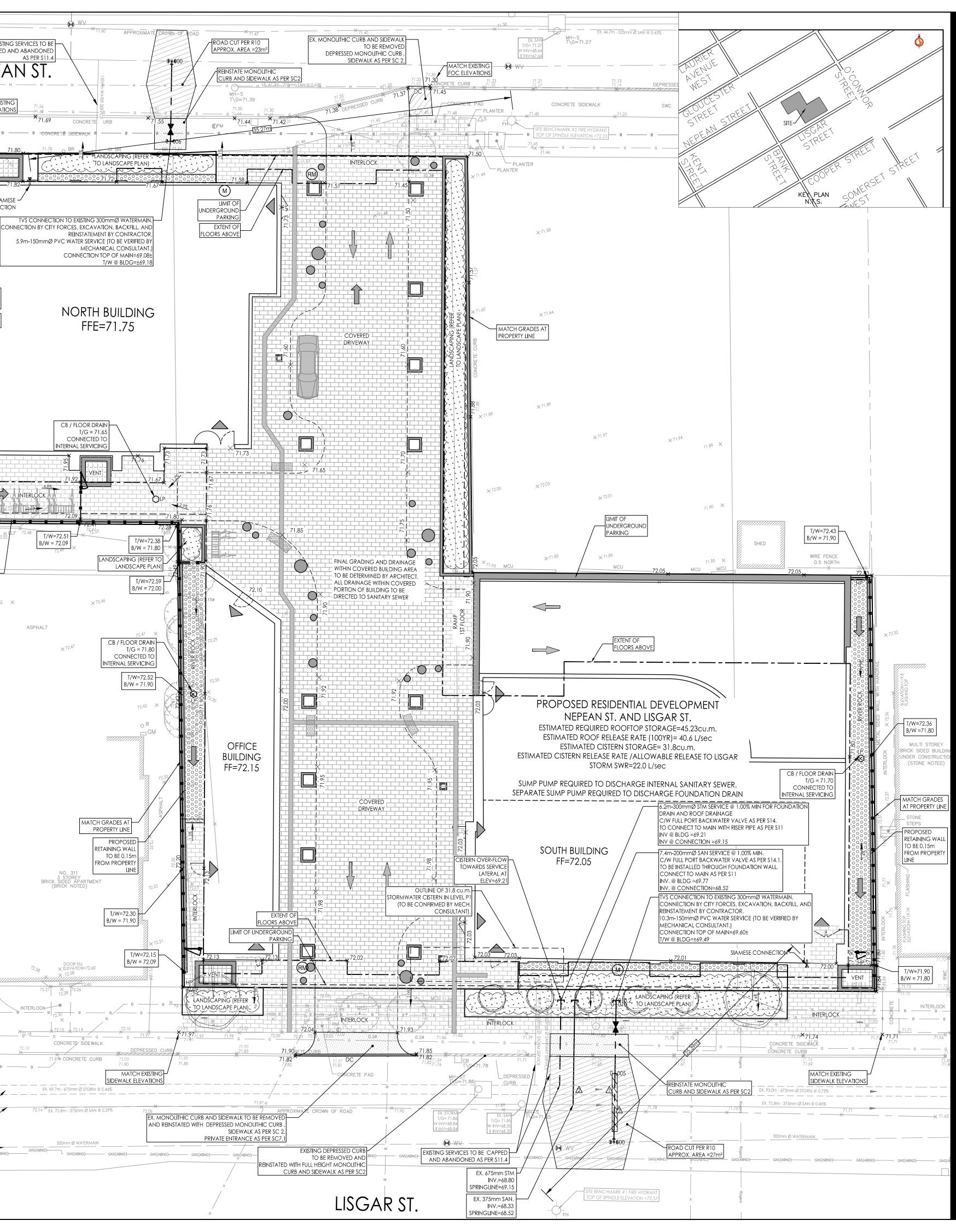
	1					S	CONTRACTOR (ICES. ANY CON ERVICING MUST IGINEER PRIOR 1	NFLICTS WITH BE REPORTE	EXISTING D TO THE ING WITH		300mm W,	/ATERMAIN	× _{71.73}	EXI CAPP
					_	υ		CONSTR			⊾	u	١	NEPE
	RK SHALL BE	CARRIED OUT IN NSTRUCTION PROJ		WITH THE OF	NTARIO OCCUPAT	IONAL HEAI	LTH AND SAFETY	ACT AND	71.76		71.73	71 (0	DEPRESS	
2 ALL WOF OTTAWA	RK AND MATEF AND ONTARIO	RIALS TO CONFORM PROVINCIAL STAN	M WITH CURF DARDS AND	SPECIFICATION	Y OF THE ENVIR NS. LOCAL UTILIT	ONMENT & Y STANDAF	ENERGY OF ONT RDS AND MINISTRY	ARIO, CITY OF ′ OF	71.95 G CO	NCRETE ©URB	71.79 °	71.69	- G - 9 71.	-BOC ELEV
3 THE COI	NTRACTOR IS /		rks by othe	ERS MAY BE			RIOD OF THIS CON THER CONTRACTOR				71.87 71887	- в <u>71,</u> 8	B	8 1 1 1 1 1 1 1 1
PREVENT THE INF LOCATING BY EACH	CONSTRUCTION ORMATION SHO G AND PROTECT UTILITY PRIO	ON CONFLICTS. OWN FOR EXISTING CTING ALL UTILITIE R TO COMMENCEN	GUTILITIES W SDURING CO MENT OF WOL	AS PROVIDED ONSTRUCTION RK. ANY VARI) BY OTHERS. TH . ALL EXISTING ANCE IS TO BE	HE CONTRA UTILITIES M IMMEDIATEI	CTOR IS RESPONS IUST BE LOCATED LY REPORTED TO NS AND NOTIFY TH	SIBLE FOR AND VERIFIED THE			72.06			
OF POS	SIBLE CONFLIC	TS PRIOR TO COM	NSTRUCTION	WILL BE AT 1	THE CONTRACTOR	RS EXPENS				ATCH GRADES				CONN
	NTRACTOR IS I	RESPONSIBLE FOR SSOCIATED COSTS.		ALL PERMITS	REQUIRED AND	TO BEAR 1	THE COST OF SAM	IE INCLUDING	TA J	PROPERTY LINE				
' ALL DIS	TURBED AREAS	SHALL BE REINS	STATED TO EC				TISFACTION OF TH		BRICK SIDED	NO. 178 3 STOREY APARTMENT B RICK NOTED)				
	ARKS: IT IS TI			IT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH OPSD 509.010 OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON								72.16		
	TRACTOR SHAL		IE ENGINEER	1 (ONE) SE	T OF AS CONST	RUCTED SI	TE SERVICING, GR	ADING, AND		×7 ⁷	72.16 72.16 72.16			IDERGROUN
	ECTRICAL DWGS	S. S TO BE BLANKEI	Э.						<u> </u>					OORS ABO
							TAWA STANDARDS.			ATCH GRADES			11 72.2	
DISINFECT	ION BY CITY (OF OTTAWA PERSO	NNEL. WATEF	MAIN TRENCH	H TO BE IN ACC	ORDANCE	CONNECTION, INSP WITH CITY OF OTT O THE ELEVATIONS	AWA W17.		PROPERTY LINE		2		
DRAWING, AT ALL TI . ALL WATE	A MINIMUM C MES. IN PREG	OVER OF 2.4m FI RADE AREAS COVI	ROM PROPOS ER TO BE FF	ED GRADES, ROM PREGRAD	AS SHOWN ON DED ELEVATIONS.	THE GRADI	SHOWN ON SERV NG PLAN, MUST E ACCORDANCE WITH	BE MAINTAINED		×72. ³³	× × 72.29			
. WATERMAI	NS MUST COM	PPLICABLE BUILDIN	NG AND PLUI	MBING CODE.	WHERE HORIZO	NTAL SEPA	RDANCE WITH LOC RATIONS CANNOT	BE ACHIEVED,	-		72.3 ³			
. ALL WATE	RMAINS SHALL	BE HYDROSTATIC	ALLY TESTED	IN ACCORDA	NCE WITH THE	CITY OF OT	ARATION MUST BE TAWA AND ONTAR TC. MUST BE PRO	IO GUIDELINES	NO. 2	19 BANK STREE	72.49	772.93	72	.24
. ALL WATE GUIDELINE ALL DISCH	RMAINS SHALL S. ALL CHLOR HARGED WATER PONSIBILITY OF	BE BACTERIALOG INATED WATER TO MUST BE CONTR	ICALLY TESTE BE DISCHAF ROLLED AND	D IN ACCORI RGED AND PF TREATED SO	DANCE WITH THE RETREATED TO AG AS NOT TO ADV	CITY OF C CCEPTABLE CRSELY EF	OTTAWA AND ONTA LEVELS PRIOR TO FECT THE ENVIRO CIAL REQUIREMEN	ARIO D DISCHARGE. INMENT. IT IS	2 STOREY	REY SECTION O BRICK SIDED BU RICK NOTED)		×72.42		
CATHODIC		PER CITY OF OTT	AWA W40 AN	D W42.							72.58 /W=72.57	72.57 7.57 72.80 BL	ICRETE _{72.57} _OCK VALL×72.79	+
SEWER TF	RENCH SHALL				OF OTTAWA STA	NDARDS S	6 AND S7. COMPA	ACTION SHALL		B/	W = 72.67	-	MATCH GR/	ADES AT
FOR CONS	STRUCTION DE		ON PLANS,		SHALL BE MADE	TO THE C	DNTARIO PROVINCI	AL STANDARDS			UP O	72.72 72.72		INING WALL).15m FROM OPERTY LINE
		; TO BE TERMINAT ROL TO BE UTILIZ				UNLESS OT	HERWISE NOTED.							7
FROST PR						IS LESS T	HAN 1.5m OF CC	VER ABOVE			72.65 ×		×72.64	
ACCORDAN		S 410 AND OPSS					OR SANITARY SEW BE SUBMITTED TO							72.52 ×
STORM AN	ND SANITARY S	SERVICE CONNECTI	ON AS PER	CITY STD S1	1.1									
ALL GRAN DENSITY.	IULAR BASE &	SUB BASE COUR	RSE MATERIAL	.S SHALL BE	COMPACTED TO	98% STAN	DARD PROCTOR N	IAX. DRY					72.54 ×	
	TILLING. ALL W						ED BY THE MUNI HE MUNICIPALITY		R					
		AL SITE PLAN FOI				ENCING AN	IY WORK WITHIN T	THE MUNICIPAL						
ROAD ALL	OWANCE IF RE S ON THE RIG	QUIRED BY THE I	MUNICIPALITY. TOO BE MAI	NTAINED BEF	ORE AND AFTER	CONSTRUC	TION AND ALL TR	EES WITHIN TH						
BY-LAWS'	AND THE 'UF	BAN TREES CONS	ERVATION BY	'-LAW' AS AN	MENDED FROM T	IME TO TIM	JRAL AREAS PROT IE.	ECTION						
. ALL PROF	PERTY LINE GR	REAS & FILL WITH ADES ARE TO REI RTY LINES UNLES	MAIN UNALTE	RED AND ALL			RRACING IS TO M	ATCH EXISTING						
					BE DIRECTED TO	DWARDS NE	EIGHBOURING PRO	PERTIES.						
9. PAVEMEN	T CONSTRUCT	ON AS PER GEOTI		VESTIGATION.	NG TABLE									
CROSSING	STM INV 68.77	STM OBV 69.45*	SAN INV	SAN OBV	WTR TOP 70.19	WTR BTM 70.04	NOTES WATER ABOVE STORM W25.2. INSULATE AS							
2	68.79	69.47*	69.71	69.91	70.10	70.04	WATER ABOVE STORM							
3 PE WALL THICK	(NESS ASSUMED ,	AT 0.09m	68.32	68.70	70.19	70.04	W25.2. INSULATE AS	PER W22						
STATION	l FI	150mm E NIHSED GRADE	1	ER SERVICE AT L	ISGAR STREET	ITI	EM							
0+000		72.000		69.60 69.36	TVS CON		EXISTING 300mm W	/M						///////
0+002.5		71.760 69.36 71.800 70.19			45° VERTICAL BEND 45° VERTICAL BEND									
0+005.0		71.710	70.19 69.28			45° VERTICAL BEND 45° VERTICAL BEND								b
0+008.4		71.830 71.890	69.43 69.49		150-	150mm VALVE AND BOX 150mm PREMANUFACTURED PLUG				CB T\G=72	10	G	G	G
0+010.2				ER SERVICE AT N			UTACTORED FLOG]		в —	в ———	- в ———	в	в
IOITATS	N F	NISHED GRADE		OF WATER		ITE	EM		 EX. 69.7m - 675	imm Ø STORM @ 0.4	4%		-+	/
0+000		71.480 69.08 TVS CONNECTION TO EXISTING 300mm W/M				/M	EX. 72.8m - 37.5r				-₩//			
0+005		71.540		69.14 69.18	150n		VE AND BOX UFACTURED PLUG		II - 1/ JI				∭/ ,	
				PFTOP CONTRO] 	300mm Ø W			<u> </u>		
existing ,	/ proposed	CATCHMENT AR		(r ponding Depth (m)	# OF ROOF DRA		RELEASE RATE TO CISTERN(L/s)			CTOR TO LO CONFLICTS			GAS(ABND)) GA
PRO	POSED	ROOF 1-4		0.102	16		12.7	SE		MUST BE REF	PORTED T			
	POSED	ROOF 5-8		0.109	16		13.1				ONSTRUC			

EX. 80.3m - 525mm Ø SAN @ 0.299

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ORIGINAL SHEET - ARCH D

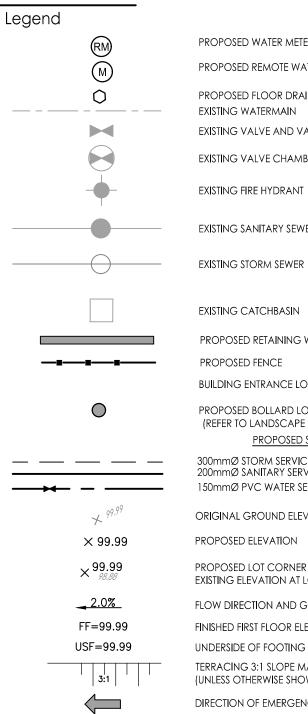




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EXISTING WATERMAIN EXISTING VALVE AND VALVE BOX

PROPOSED REMOTE WATER METER

EXISTING VALVE CHAMBER

PROPOSED WATER METER

PROPOSED FLOOR DRAIN

EXISTING FIRE HYDRANT

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING CATCHBASIN PROPOSED RETAINING WALL

PROPOSED FENCE

BUILDING ENTRANCE LOCATION PROPOSED BOLLARD LOCATION (REFER TO LANDSCAPE PLAN)

PROPOSED SERVICES 300mmø Storm Service pvc Sdr 28 @ 1.0% min 200mmø Sanitary service pvc sdr 28 @ 1.0% min 150mmØ PVC WATER SERVICE AND CURB STOP

ORIGINAL GROUND ELEVATION

PROPOSED LOT CORNER ELEVATION

EXISTING ELEVATION AT LOT CORNER FLOW DIRECTION AND GRADE

FINISHED FIRST FLOOR ELEVATION

UNDERSIDE OF FOOTING ELEVATION TERRACING 3:1 SLOPE MAXIMUM

(UNLESS OTHERWISE SHOWN)

DIRECTION OF EMERGENCY OVERLAND FLOW THERMAL INSULATION AS PER W22

ROOF TO BE EQUIPPED WITH RESTRICTED RELEASE ROOF DRAINS FOR ROOFTOP STORAGE.

Notes

TOPOGRAPHIC SURVEY AND BENCHMARK COMPLETED BY ANNIS O'SULLIVAN, VOLLEBEKK LTD. DATED NOV 17, 2020

SITE PLAN PREPARED BY RICHCRAFT GROUP OF COMPANIES, DATED MARCH 04, 2021. GEOTECHNICAL REPORT BY PATTERSON GROUP.

REPORT NO. PG4238-1, DATED SEPT 22, 2020

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Permit-Seal



Client/Project

RICHCRAFT (LISGAR) LTD.

RESIDENTIAL HIGH RISE DEVELOPMENT 176 NEPEAN/293-307 LISGAR STREET OTTAWA, ON

Title SITE SERVICING AND GRADING PLAN

roject No. 160401348	Scale _{0 1.5} 1:150	4.5 7.5m
prawing No.	Sheet	Revision
SSGP-1	1of 3	2