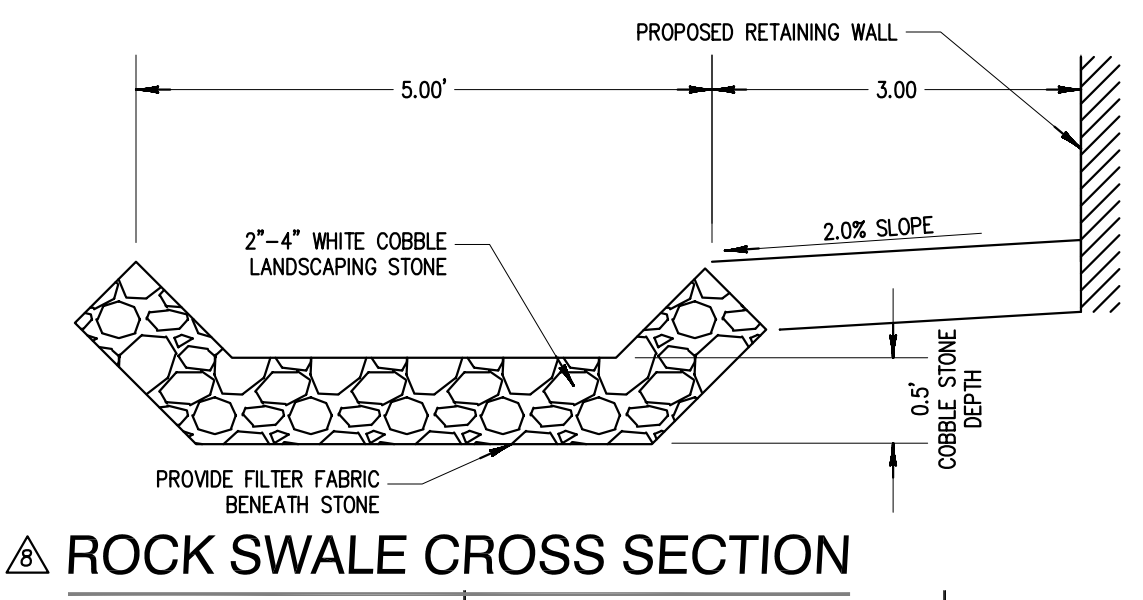


SANITARY STRUCTURE TABLE										
ID	STA	OFFSET	TYPE	FRAME	GRATE	RIM	NORTH	SOUTH	EAST	WEST
A1	102+99	6.8'R	EX.	EX.	EX.	749.76	743.76	-----	743.76	743.76
A2	104+62	34.2"	MH, TYA	1050	TYPE A	758.80	-----	-----	745.11	-----

SANITARY SEWER TABLE										
ID	FROM	TO	LENGTH	DIA.	MTL.	CLASS	SLOPE			
D1	A2	A1	169	8"	PVC	SDR-26	0.80%			



LIGHT POLES		
LIGHT ID	STATION	OFFSET
L1	200+37	16.5'L
L2	201+27	16.5'L
L3	202+18	16.5'L
L4	100+56	16.5'L
L5	101+46	16.5'L
L6	101+89	16.5'L
L7	102+98	16.5'L
L8	104+22	16.5'L
L9	SEE PLAN	
L10	SEE PLAN	
L11	SEE PLAN	
L12	SEE PLAN	

VALVE BOXES			
STRUCTURE ID	SIZE	STATION	OFFSET RIM
V1	8"	200+05	25.2'R 752.76
V2	8"	203+11	4.4'R 747.52
V3	8"	203+16	16.9'R 747.65
V4	8"	103+52	22.5'R 752.75
V5	8"	103+60	19.2'R 753.10
V6	8"	SEE PLAN	743.80
V7	8"	SEE PLAN	749.33

FIRE HYDRANTS			
STRUCTURE ID	STATION	OFFSET	FLANGE
H1	104+62	36.8"	758.80
H2	101+50	21.4'L	748.45
H3	203+01	21.0'R	748.20
H4	SEE PLAN		745.20

STORM STRUCTURE TABLE										
STR. ID	TYPE	FRAME	GRATE	STA.	OFFSET	RIM	NORTH	SOUTH	EAST	WEST
SA1	24"RCFES	-----	TRASH	103+73	70.6"	-----	-----	-----	747.00	-----
SA2	CB, TYA	TYPE 1A	OPEN	103+46	15.0"	751.81	-----	-----	747.12	747.12
SA3	CB, TYA	TYPE 1A	OPEN	103+70	15.0"	753.02	747.20	747.20	-----	747.20
SA4	CB, TYA	TYPE 8	OPEN	102+46	39.6"	750.80	-----	-----	747.51	-----
SA5	CB, TYA	TYPE 1A	OPEN	104+62	30.5"	757.40	-----	-----	747.66	-----
SA6	CB, TYA	TYPE 8	OPEN	SEE PLAN	SEE PLAN	757.50	-----	-----	748.01	748.01
SA7	MH, TYA	TYPE 1A	CLOSED	SEE PLAN	SEE PLAN	758.00	-----	748.07	748.07	748.07
SA8	CB, TYA	TYPE 8	OPEN	SEE PLAN	SEE PLAN	751.25	748.66	-----	-----	-----
SA9	CB, TYA	TYPE 8	OPEN	201+56	35.9"	755.20	748.47	748.47	748.47	-----
SA10	CB, TYA	TYPE 8	OPEN	202+73	35.9"	750.80	748.99	-----	-----	-----
SA11	CB, TYA	TYPE 8	OPEN	200+78	35.9"	756.52	-----	-----	748.81	-----
SA12	CB, TYA	TYPE 1A	OPEN	201+88	15.0"	750.70	-----	-----	748.84	-----
SA13	CB, TYA	TYPE 1A	OPEN	201+88	15.0"	750.70	-----	-----	748.71	748.71
SA14	MH, TYA	TYPE 1A	CLOSED	201+89	35.9"	753.15	748.62	748.62	-----	748.62
SB1	12"RCFES	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	-----	744.00	-----
SB2	MH, TYA	TYPE 1A	CLOSED	SEE PLAN	SEE PLAN	747.00	744.28	744.28	-----	-----
SB3	CB, TYA	TYPE 8	OPEN	SEE PLAN	SEE PLAN	751.30	745.03	745.03	-----	-----
SB4	CB, TYA	TYPE 8	OPEN	SEE PLAN	SEE PLAN	751.95	-----	-----	745.40	-----
SC1	12"RCFES	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	-----	744.00	-----
SC2	RESTRICTOR	TYPE 1A	CLOSED	SEE PLAN	SEE PLAN	752.00	-----	-----	744.00	744.00
SC3	12"RCFES	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	-----	744.00	-----
SD1	ADS STORM-PURE	TYPE 1A	OPEN	202+93	15.0"	747.02	-----	741.81	741.81	-----
SD2	ADS STORM-PURE	TYPE 1A	OPEN	202+93	15.1"	747.02	-----	-----	741.94	-----
SE1	ADS STORM-PURE	TYPE 1A	OPEN	101+12	14.9"	746.58	-----	-----	743.07	-----
C1	12"OCMP END	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	-----	753.40	-----
C2	12"OCMP END	-----	TRASH	SEE PLAN	SEE PLAN	-----	751.10	-----	-----	-----
C3	12"OCMP END	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	-----	748.60	-----
C4	12"OCMP END	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	747.60	-----	-----
C5	12"OCMP END	-----	TRASH	SEE PLAN	SEE PLAN	-----	-----	746.15	-----	-----
C6	12"OCMP END	-----	TRASH	SEE PLAN	SEE PLAN	-----	745.25	-----	-----	-----
EX1	EXISTING MH	EX.	EX.	SEE PLAN	SEE PLAN	747.78	741.58	741.58	-----	742.13
EX2	EXISTING MH	EX.	EX.	101+15	12.1"	746.00	742.80	-----	742.80	742.80

STORM SEWER TABLE						
PIPE ID	FROM	TO	MATERIAL	CLASS	LENGTH	DIAMETER SLOPE
PA1	SA2	SA1	RCP	111	62'	24" 0.20%
PA2	SA3	SA2	RCP	111	39'	24" 0.20%
PA3	SA4	SA3	RCP	111	71'	12" 0.44%
PA4	SA5	SA3	RCP	111	102'	15" 0.53%
PA5	SA6	SA5	RCP	111	133'	18" 0.26%
PA6	SA7	SA6	RCP	111	23'	18" 0.26%
PA7	SA8	SA7	RCP	111	134'	12" 0.44%
PA8	SA9	SA7	RCP	111	114'	15" 0.36%
PA9	SA10	SA14	RCP	111	83'	12" 0.44%
PA9A	SA14	SA9	RCP	111	34'	12" 0.44%
PA10	SA11	SA9	RCP	111	78'	12" 0.44%
PA11	SA12	SA13	RCP	111	30'	12" 0.44%
PA12	SA13	SA14	RCP	111	20'	12" 0.44%
PB1	SB2	SB1	RCP	111	57'	12" 0.50%
PB2	SB3	SB2	RCP	111	75'	12" 1.00%
PB3	SB4	SB3	RCP	111	75'	12" 0.50%
PC1	SC1	SC2	RCP	111	23'	12" 0.00%
PC2	SC2	SC3	RCP	111	24'	12" 0.00%
PD1	SD1	EX1	RCP	111	52'	12" 0.44%
PD2	SD2	SD1	RCP	111	30'	12" 0.44%
PE1	SE1	EX2	RCP	111	27'	12" 1.00%

- NOTES:
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
 - EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCY WITH THE PLAN SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
 - PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE CROSSED BY THE PROPOSED SEWER, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED SEWER GRADE.
 - RESTRAIN JOINTS ACCORDINGLY, WHERE PROPOSED WATERMAIN IS TAPPING TO EXISTING MAIN.
 - CONTRACTOR TO RESTRAIN WATERMAIN JOINTS AT ALL EXISTING CONNECTION POINTS TO THE SATISFACTION OF THE VILLAGE ENGINEER.
 - DOWNERS GROVE SANITARY DISTRICT STANDARDS AND ORDINANCES SHALL GOVERN ALL SANITARY SEWER CONSTRUCTION.
 - ALL UTILITY AND SERVICE LINES WITHIN THE PUBLIC RIGHT-OF-WAY TO BE INSPECTED BY VILLAGE PARKWAY TECHNICIAN PRIOR TO BACKFILL. SUBSEQUENT BACKFILL MUST BE AN APPROVED GRANULAR MATERIAL, COMPACTED IN ONE FOOT (1') LIFTS.
 - ALL STORM FRAMES AND GRATES SHALL BE EAST JORDAN IRON WORKS AND SHALL HAVE "DUMP NO WATER, DRAINS TO RIVERS" EMBOSSED ON THE COVER.
 - THE CONNECTION TO THE EXISTING SANITARY MANHOLE A1 SHALL BE MADE BY CORE DRILLING THE MANHOLE AND INSTALLING A RUBBER BOOT TO INSURE A WATER TIGHT SEAL. THE MANHOLE BENCH SHALL ALSO BE REFORMED TO PROVIDE A SMOOTH FLOWING INVERT.
 - CONTRACTOR TO NOTIFY RESIDENTS 24 HOURS IN ADVANCE OF THE WATERMAIN SHUTDOWN FOR THE ONSITE CONNECTION TO THE EXISTING WATERMAIN IN CARPENTER STREET AND BROOKBANK ROAD.
 - VILLAGE WATER DEPARTMENT WILL CONDUCT PRESSURE TEST, WITNESS THE CHLORINATION AND TAKE WATER SAMPLES AS NEEDED.
 - ALL NEW WATER MAIN INSTALLED MUST BE A MINIMUM OF 8" DUCTILE IRON, UNLESS OTHERWISE NOTED ON PLANS.
 - ALL WATER SERVICES TO BE SUBBED OUT WITH 1.5" K COPPER AND 2' OUTSIDE OF R.O.W.
 - ALL B-BOXES ARE TO BE 7" INSIDE OF R.O.W.
 - ALL VALVES SHOULD BE INSTALLED IN 5' VALVE VAULTS WITH MARKED LID.
 - ALL PROPOSED SERVICE CONNECTIONS MADE TO EXISTING SEWERS SHALL BE MADE BY MACHINE TAP. THE CONNECTION SHALL BE MADE WITH A GENOCO SEALTITE SEWER SADDLE (MODEL S).
 - ALL SANITARY SEWER PIPE SHALL BE PVC PIPE WITH A SDR OF 26, COMPLYING WITH ASTM D2241, 160 PSI PRESSURE PIPE PUSH-ON BELL AND SPIGOT TYPE WITH RUBBER RING SEAL GASKET ASTM D3139.

BROOKBANK ROAD

CARPENTER STREET

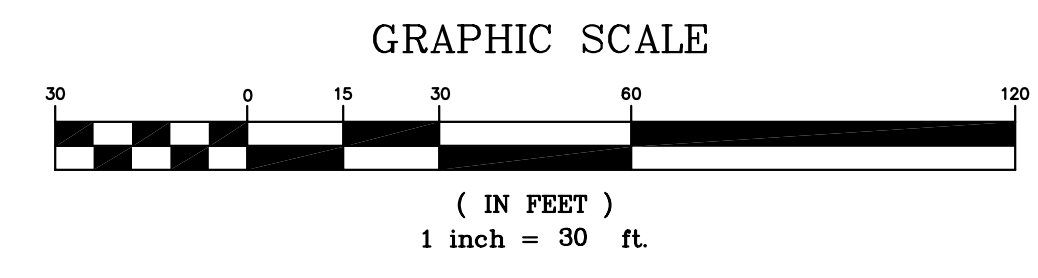
NELSON COURT

JEFFERSON AVENUE

- UTILITY SEPARATION INFORMATION
- MAINTAIN 18" MINIMUM SEPARATION BETWEEN WATERMAIN AND STORM AND SANITARY SEWERS.
 - WHENEVER A STORM SEWER IS LOCATED ABOVE A WATERMAIN, THE STORM SEWER SHALL BE CONSTRUCTED WITH GASKETED JOINTS 10 FEET EITHER SIDE OF CROSSING.
 - WHENEVER A SANITARY SEWER IS LOCATED ABOVE A WATERMAIN, THE WATERMAIN SHALL BE ENCASED 10 FEET EITHER SIDE OF CROSSING.
 - WHENEVER A WATERMAIN IS LOWERED BELOW A STORM OR SANITARY LINE, THE WATERMAIN SHALL BE ENCASED WITH WATERMAIN QUALITY PIPE, AS SPECIFIED ON SHEET 2, FOR 10' EITHER SIDE OF THE CROSSING.

- STREET LIGHTING COORDINATION
- STREETLIGHT POWER WIRING DIAGRAM, CONCRETE BASE DETAIL, POWER BOX LOCATION, CONTROL BOX LOCATION, AND PHOTO CELL LOCATIONS SHALL BE COORDINATED BETWEEN THE CONTRACTOR, CONED, AND THE VILLAGE PUBLIC WORKS DEPARTMENT.

NUMBER	TOP OF SEWER	SEWER INVERT	TOP OF WATER	WATER INVERT	CROSSING INFO
1	-----	748.81	745.37	-----	ENCASE WATER
2	-----	741.90	740.23	-----	LOWER & ENCASE WATER
3	-----	743.97	742.47	-----	LOWER & ENCASE WATER
4	-----	747.14	745.39	-----	LOWER & ENCASE WATER
5	-----	747.09	745.34	-----	LOWER & ENCASE WATER



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NELSON MEADOW 2 10-24-06 PER VILLAGE REVIEW
 11 7-21-06 PER VILLAGE REVIEW
 10 5-23-06 PER VILLAGE REVIEW
 9 4-05-06 PER VILLAGE REVIEW

WEST SIDE OF CARPENTER STREET
 DOWNERS GROVE, ILLINOIS

DRAWN BY: JWB CHECKED BY: BLH
 SCALE: 1"=30' DATE: 1-24-05
 JOB NUMBER: 04-239 SHEET: 9 OF 17

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