

APPENDIX A
SITE PLANS ILLUSTRATING INCREMENTAL STAGES
OF MASTER PLAN IMPLEMENTATION

SOURCE: SWA ARCHITECTS

DEVELOPMENT SUMMARY:

ADD MOB 1	YES
ADD MOB 2	NO
ADD MOB 3	NO
REMOVE FOUNDATION BLDG	NO
MAIN HOSPITAL +18 BEDS	YES
PAVILION +9 BEDS	YES
ADD BLDG A +120 BEDS / +4,000 SQ. FT.	NO

PARKING SUMMARY (SPACES):

PS1	750
PS2	-
PS3	-
PS4	-
SURFACE (GENERAL)	628
SURFACE (GATED FOR PHYSICIANS)	48
SURFACE (FOR EMERGENCY)	7
TOTAL:	1,433

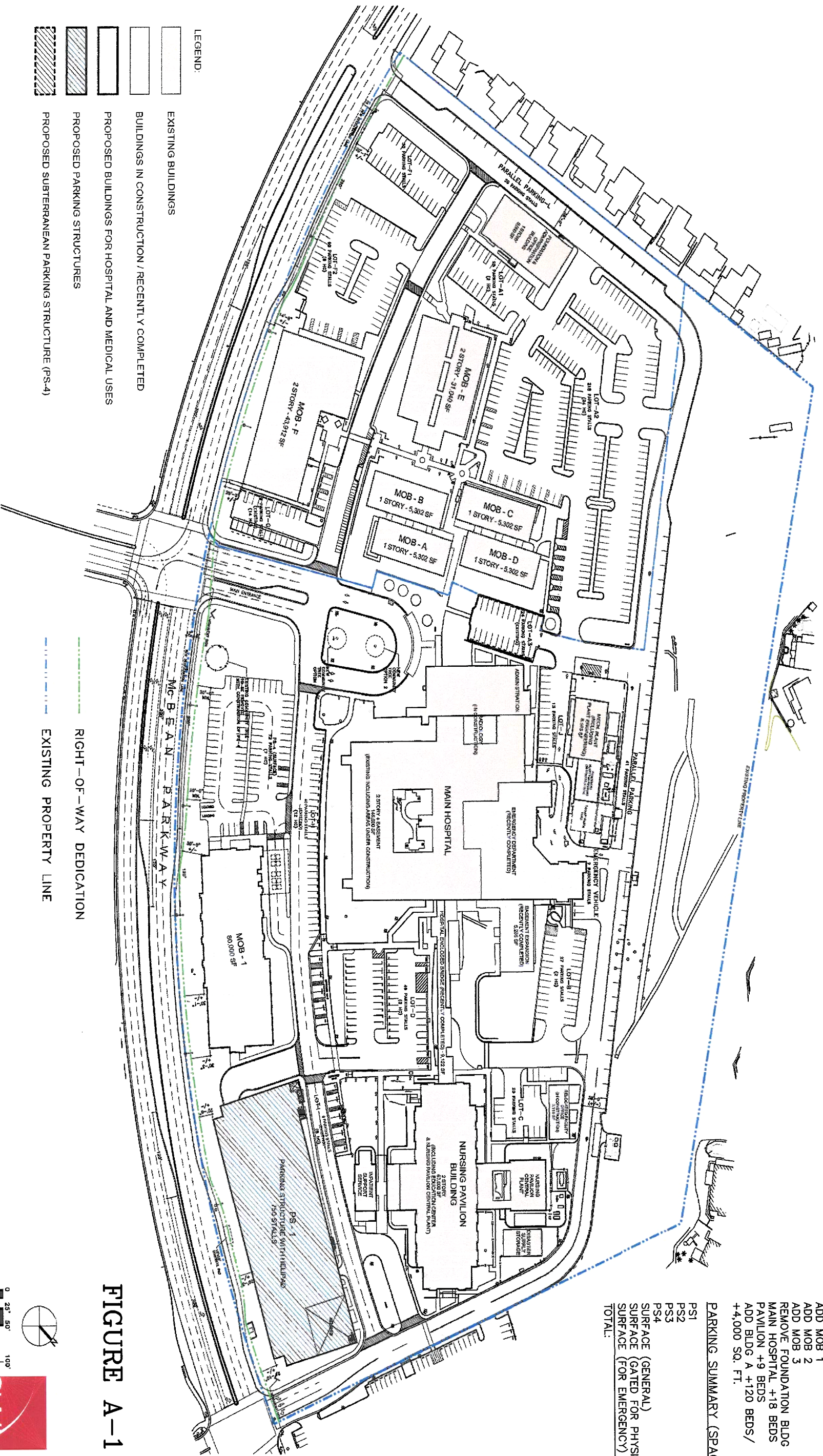
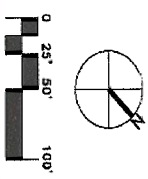


FIGURE A-1

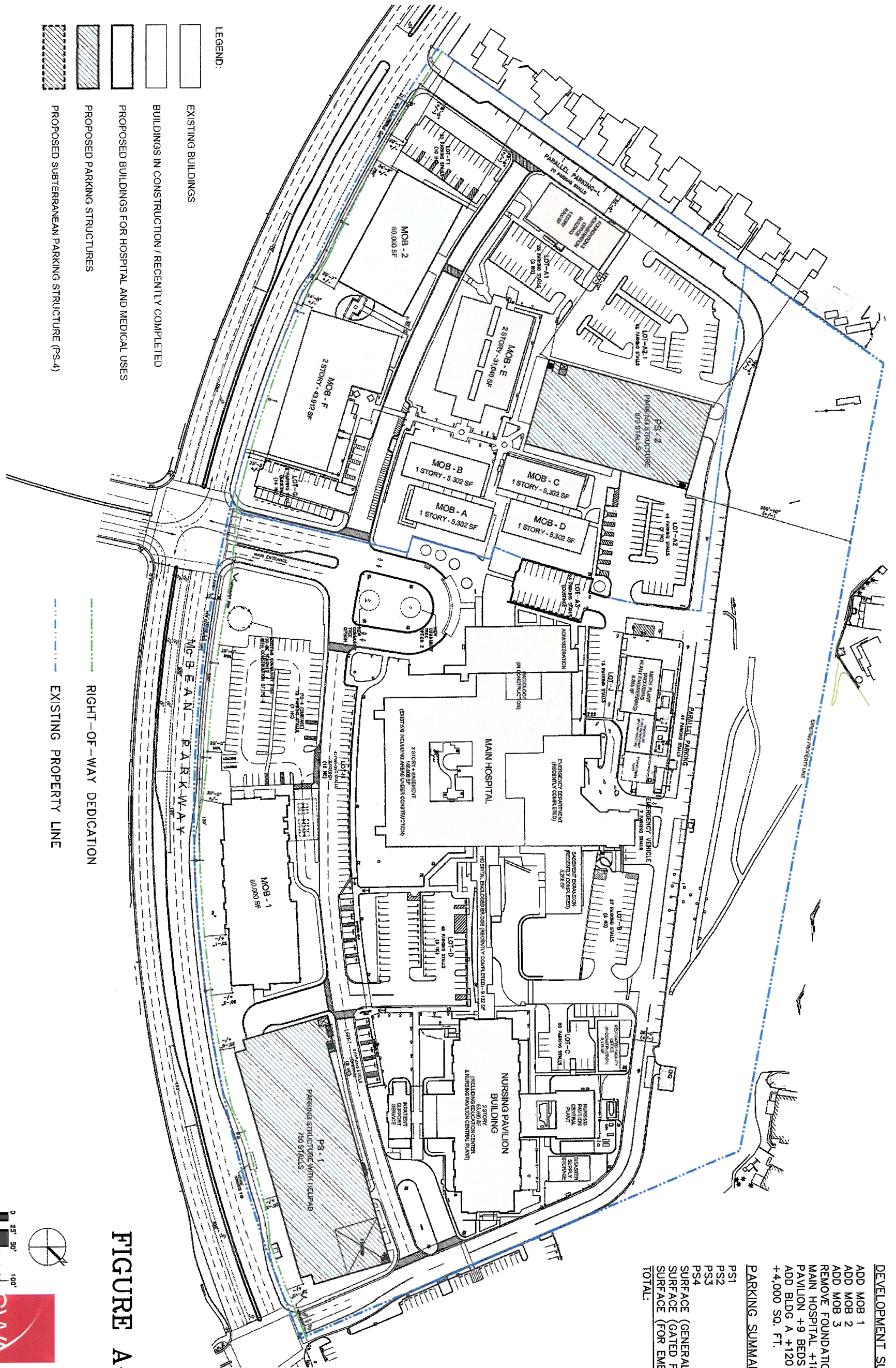
- LEGEND:**
- EXISTING BUILDINGS
 - BUILDINGS IN CONSTRUCTION / RECENTLY COMPLETED
 - PROPOSED BUILDINGS FOR HOSPITAL AND MEDICAL USES
 - PROPOSED PARKING STRUCTURES
 - PROPOSED SUBTERRANEAN PARKING STRUCTURE (PS-4)

- RIGHT-OF-WAY DEDICATION
- EXISTING PROPERTY LINE



SWA #: 080307 02-21-08





- LEGEND:
- EXISTING BUILDINGS
 - BUILDINGS IN CONSTRUCTION / RECENTLY COMPLETED
 - PROPOSED BUILDINGS FOR HOSPITAL AND MEDICAL USES
 - PROPOSED PARKING STRUCTURES
 - PROPOSED SUBTERRANEAN PARKING STRUCTURE (PS-4)

- RIGHT-OF-WAY DEDICATION
- EXISTING PROPERTY LINE

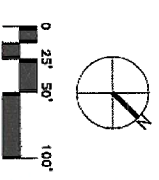
DEVELOPMENT SUMMARY:

ADD MOB 1	YES
ADD MOB 2	YES
ADD MOB 3	NO
REMOVE FOUNDATION BLDG	NO
MAIN HOSPITAL +18 BEDS	YES
PAVILION +9 BEDS	YES
ADD BLDG A +120 BEDS/ +4,000 SQ. FT.	NO

PARKING SUMMARY (SPACES):

PS1	750
PS2	579
PS3	-
PS4	-
SURFACE (GENERAL)	453
SURFACE (GATED FOR PHYSICIANS)	48
SURFACE (FOR EMERGENCY)	7
TOTAL:	1,837

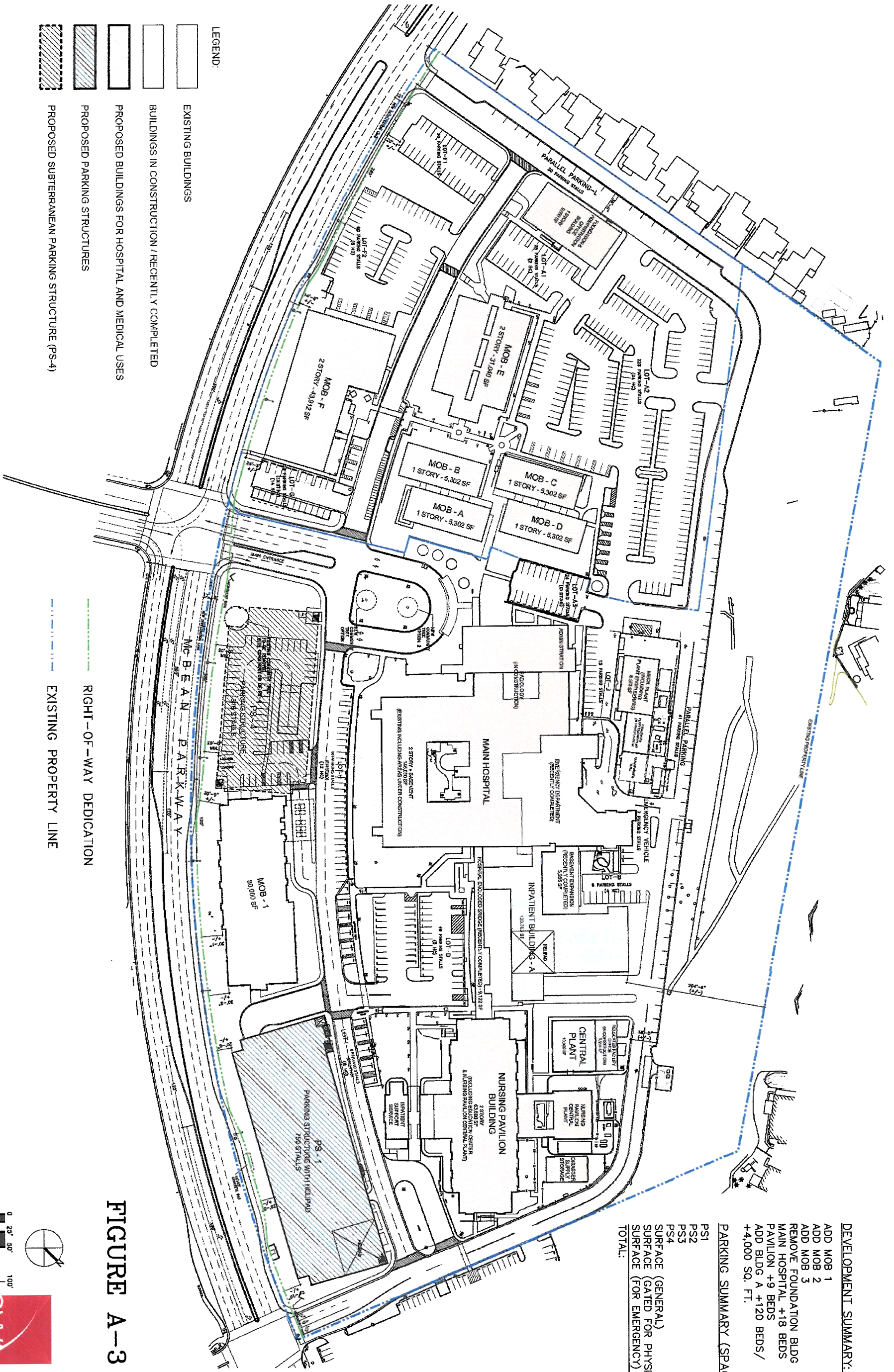
FIGURE A-2



SWA #: 060307 02-26-08



400 South Hollywood
Pasadena, CA 91105
310.799.8800



- LEGEND:**
- EXISTING BUILDINGS
 - BUILDINGS IN CONSTRUCTION / RECENTLY COMPLETED
 - PROPOSED BUILDINGS FOR HOSPITAL AND MEDICAL USES
 - PROPOSED PARKING STRUCTURES
 - PROPOSED SUBTERRANEAN PARKING STRUCTURE (PS-4)

- RIGHT-OF-WAY DEDICATION
- EXISTING PROPERTY LINE

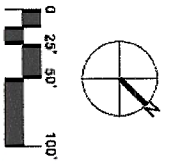
FIGURE A-3

DEVELOPMENT SUMMARY:

ADD MOB 1	YES
ADD MOB 2	NO
ADD MOB 3	NO
REMOVE FOUNDATION BLDG	NO
MAIN HOSPITAL +18 BEDS	YES
PAVILION +9 BEDS	YES
ADD BLDG A +120 BEDS / +4,000 SQ. FT.	YES

PARKING SUMMARY (SPACES):

PS1	750
PS2	-
PS3	-
PS4	316
SURFACE (GENERAL)	523
SURFACE (GATED FOR PHYSICIANS)	48
SURFACE (FOR EMERGENCY)	7
TOTAL:	1,644



SWA # 060307 02-21-08



DEVELOPMENT SUMMARY:

ADD MOB 1	YES
ADD MOB 2	YES
ADD MOB 3	NO
REMOVE FOUNDATION BLDG	NO
MAIN HOSPITAL +18 BEDS	YES
PAVILION +9 BEDS	YES
ADD BLDG A +120 BEDS / +4,000 SQ. FT.	YES

PARKING SUMMARY (SPACES):

PS1	750
PS2	579
PS3	-
PS4	316
SURFACE (GENERAL)	340
SURFACE (GATED FOR PHYSICIANS)	48
SURFACE (FOR EMERGENCY)	7
TOTAL:	2,040

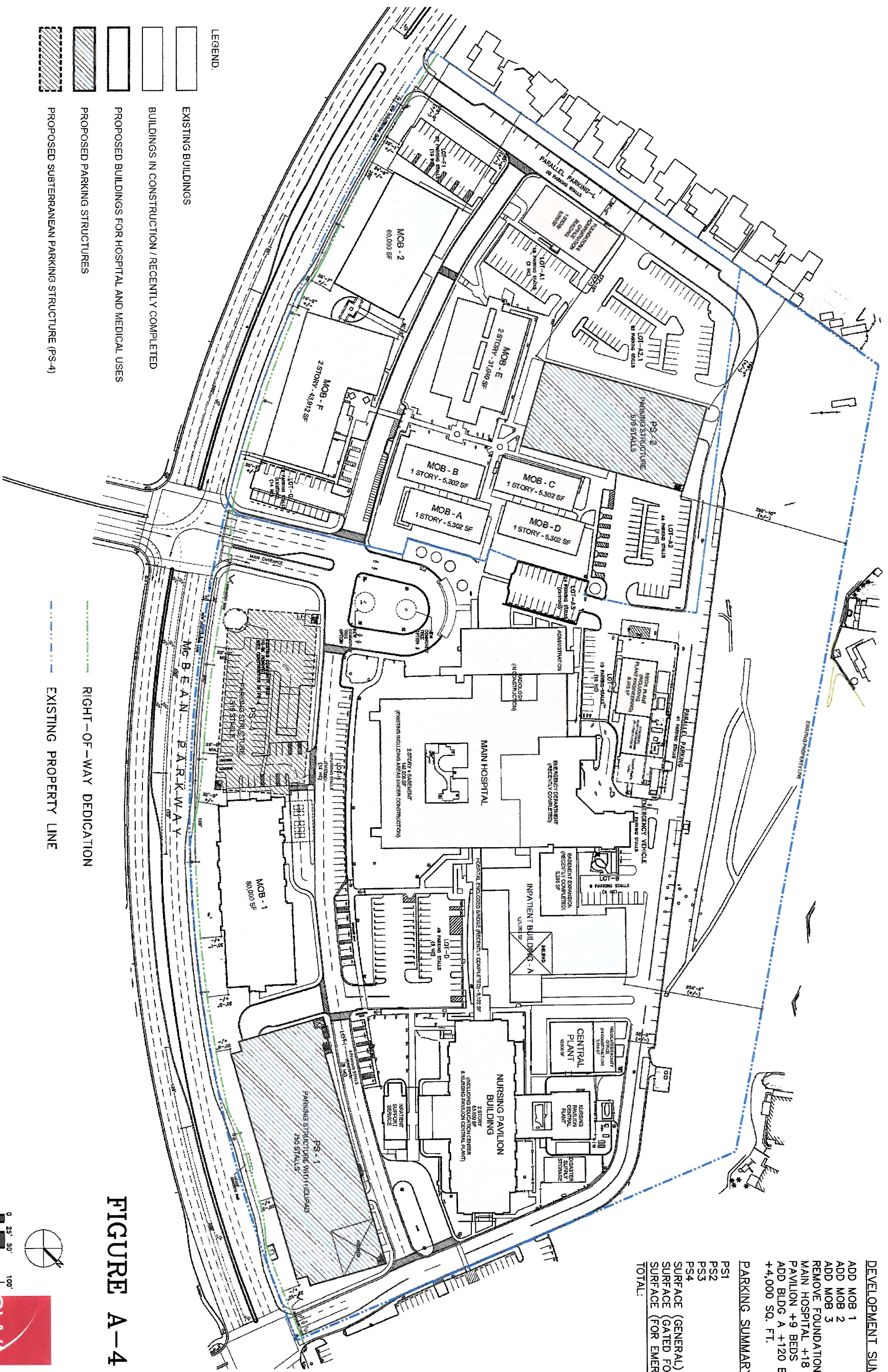
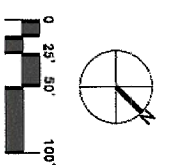


FIGURE A-4

- LEGEND.**
- EXISTING BUILDINGS
 - BUILDINGS IN CONSTRUCTION / RECENTLY COMPLETED
 - PROPOSED BUILDINGS FOR HOSPITAL AND MEDICAL USES
 - PROPOSED PARKING STRUCTURES
 - PROPOSED SUBTERRANEAN PARKING STRUCTURE (PS-4)

- RIGHT-OF-WAY DEDICATION
- EXISTING PROPERTY LINE



SWA # 060307 02-21-08

ARCHITECTS

APPENDIX B
FIELD STUDY PARKING DEMAND DATA

APPENDIX B-1
 ZONE 1
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Yellow Curb	3	0	0	1	1	3	3	2	2	1	1	1	1	1	1	0	3	100%	0
Green Curb	3	0	1	1	3	2	2	2	2	2	2	1	1	2	0	0	3	100%	0
Regular Curb	71	19	34	51	58	64	64	65	65	59	58	42	36	31	23	7	65	92%	6
Curb Parking Subtotal	77	19	35	53	62	69	69	69	69	62	61	44	38	34	24	7	69	90%	8
Regular	178	20	28	107	170	176	176	152	154	171	167	124	55	27	32	9	176	99%	2
Medical Office Patients	38	1	3	25	36	36	38	28	28	37	34	29	13	11	9	4	38	100%	0
Handicap	26	1	5	11	15	17	17	9	9	13	11	7	5	3	3	2	17	65%	9
Surface Lot Subtotal	242	22	36	143	221	229	231	189	191	221	212	160	73	41	44	15	231	95%	11
Total	319	41	71	196	283	298	300	258	260	283	273	204	111	75	68	22	300	94%	19

APPENDIX B-2
 ZONE 1
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Yellow Curb	3	0	0	0	2	3	2	1	0	0	1	0	0	0	0	0	3	100%	0
Green Curb	3	0	0	0	2	1	1	1	1	2	2	1	1	0	0	0	2	67%	1
Regular Curb	71	14	27	46	55	59	59	59	59	55	55	41	34	27	16	9	59	83%	12
Curb Parking Subtotal	77	14	27	46	59	63	62	61	60	57	58	42	35	27	16	9	63	82%	14
Regular	178	14	32	110	154	177	178	162	154	151	146	112	48	36	23	7	178	100%	0
Medical Office Patients	38	1	10	23	38	38	37	36	35	34	31	22	14	9	6	4	38	100%	0
Handicap	26	3	5	11	19	19	15	13	15	12	10	7	2	3	0	0	19	73%	7
Surface Lot Subtotal	242	18	47	144	211	234	230	211	204	197	187	141	64	48	30	11	234	97%	8
Total	319	32	74	190	270	297	292	272	264	254	245	183	99	75	46	20	297	93%	22

APPENDIX B-3
 ZONE 2
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Pharmacy 20 minute Curb	2	0	0	0	2	2	2	1	1	0	0	0	0	0	1	1	2	100%	0
Green Curb	2	0	0	0	1	1	2	1	1	0	0	1	1	0	1	1	2	100%	0
Regular Curb	22	0	9	8	22	22	22	21	21	21	21	12	8	3	1	1	22	100%	0
Curb Parking Subtotal	26	0	9	8	25	25	26	23	23	21	21	13	9	3	3	3	26	100%	0
Regular	103	1	6	68	103	103	103	92	93	101	101	80	45	21	15	10	103	100%	0
Handicap	22	0	2	7	18	21	20	10	12	17	17	11	8	3	3	2	21	95%	1
20 minute	2	0	0	1	2	2	2	1	2	2	2	0	0	0	0	0	2	100%	0
SVC Quality Care	8	0	0	5	8	8	8	3	4	4	4	8	8	6	5	2	8	100%	0
Surface Lot Subtotal	135	1	8	81	131	134	133	106	111	124	124	99	61	30	23	14	134	99%	1
Total	161	1	17	89	156	159	159	129	134	145	145	112	70	33	26	17	159	99%	2

APPENDIX B-4
 ZONE 2
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Pharmacy 20 minute Curb	2	0	0	1	1	1	1	0	1	0	0	0	1	0	0	0	1	50%	1
Green Curb	2	0	0	0	2	0	1	0	1	0	1	0	0	0	0	0	2	100%	0
Regular Curb	22	1	7	11	22	22	22	22	20	22	19	15	9	7	4	1	22	100%	0
Curb Parking Subtotal	26	1	7	12	25	23	24	22	22	22	20	15	10	7	4	1	25	96%	1
Regular	103	3	19	62	100	100	103	96	76	95	95	62	42	24	8	2	103	100%	0
Handicap	22	1	9	9	19	21	16	13	13	12	10	6	4	4	2	0	21	95%	1
20 minutes	2	0	0	1	2	2	2	1	1	2	1	1	0	0	0	0	2	100%	0
SVC Quality Care	8	0	1	4	6	6	4	5	4	5	5	6	6	4	4	1	6	75%	2
Surface Lot Subtotal	135	4	29	76	127	129	125	115	94	114	111	75	52	32	14	3	129	96%	6
Total	161	5	36	88	152	152	149	137	116	136	131	90	62	39	18	4	152	94%	9

APPENDIX B-5
 ZONE 3
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
		1	1	1	0	1	1	1	1	1	1	1	1	1	1	0			
Handicap	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	100%	0
Emergency Room Patient	22	7	10	13	22	22	22	22	22	20	19	17	13	13	13	7	22	100%	0
Surface Lot Subtotal	23	8	11	14	22	23	23	23	23	21	20	18	14	14	13	7	23	100%	0
Total	23	8	11	14	22	23	23	23	23	21	20	18	14	14	13	7	23	100%	0

APPENDIX B-6
 ZONE 3
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Handicap	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	100%	0
Emergency Room Patient	22	8	11	16	21	21	20	19	20	18	18	18	17	13	11	8	21	95%	1
Surface Lot Subtotal	23	8	11	17	22	22	21	20	21	19	19	19	18	13	11	8	22	96%	1
Total	23	8	11	17	22	22	21	20	21	19	19	19	18	13	11	8	22	96%	1

APPENDIX B-7
 ZONE 4
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Reserved for Engineers Curb	13	7	6	9	10	10	10	10	10	6	5	5	7	7	7	3	10	77%	3
Regular Curb	17	17	17	17	17	17	17	17	17	17	17	11	14	17	17	8	17	100%	0
Curb Parking Subtotal	30	24	23	26	27	27	27	27	27	23	22	16	21	24	24	11	27	90%	3
Emergency Room Red Curb	4	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	25%	3
Law Enforcement Vehicles	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	33%	2
Reserved for Doctors	28	7	8	9	14	15	16	16	15	18	16	10	17	18	19	13	19	68%	9
Surface Lot Subtotal	35	8	9	10	15	16	17	17	16	19	16	10	18	19	19	13	19	54%	16
Total	65	32	32	36	42	43	44	44	43	42	38	26	39	43	43	24	44	68%	21

APPENDIX B-8
 ZONE 4
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Reserved for Engineers Curb	13	7	8	10	10	9	9	7	7	5	6	4	4	4	4	3	10	77%	3
Regular Curb	17	16	17	17	17	17	17	17	17	17	17	13	9	11	13	6	17	100%	0
Curb Parking Subtotal	30	23	25	27	27	26	26	24	24	22	23	17	13	15	17	9	27	90%	3
Emergency Room Red Curb	4	1	1	2	2	1	0	1	0	1	1	1	1	0	2	1	2	50%	2
Law Enforcement Vehicles	3	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	33%	2
Reserved for Doctors	28	7	9	11	15	16	17	15	15	15	15	15	15	15	14	12	17	61%	11
Surface Lot Subtotal	35	9	11	14	18	17	17	17	16	16	16	16	16	16	16	13	18	51%	17
Total	65	32	36	41	45	43	43	41	40	38	39	33	29	31	33	22	45	69%	20

APPENDIX B-9
 ZONE 5
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
White Curb Patient Loading	4	1	1	1	1	2	1	3	3	0	0	1	2	2	3	2	3	75%	1
Regular Curb	3	1	3	3	3	3	3	3	3	3	3	3	1	1	1	1	3	100%	0
Green Curb	6	0	0	4	3	4	4	6	5	3	3	5	2	3	0	4	6	100%	0
Curb Parking Subtotal	13	2	4	8	7	9	8	12	11	6	6	9	5	6	4	7	12	92%	2
Drop-Off	16	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	6%	0
Reserved for Outpatients	4	1	1	4	4	4	4	4	4	2	2	2	1	4	4	3	4	100%	1
Patient and Visitor Parking	23	12	17	23	23	23	23	23	23	22	21	19	21	22	20	10	23	100%	10
Handicap	25	2	2	11	12	9	10	12	11	10	10	10	4	4	5	4	12	48%	2
Gated	23	6	9	22	21	23	23	20	21	23	23	19	13	23	12	17	23	100%	6
Regular	6	0	0	0	1	1	1	3	1	3	3	0	0	0	1	0	3	50%	0
Surface Lot Subtotal	97	21	29	60	61	61	62	63	61	60	59	50	39	53	42	34	63	65%	21
Total	110	23	33	68	68	70	70	75	72	66	65	59	44	59	46	41	75	68%	23

APPENDIX B-10
 ZONE 5
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
White Curb Patient Loading	4	1	1	1	1	0	2	1	0	0	0	1	1	2	0	0	2	50%	2
Regular Curb	3	2	3	3	3	3	3	3	0	1	0	0	0	0	0	0	3	100%	0
Green Curb	6	1	2	2	4	3	4	2	2	3	3	2	5	4	1	2	5	83%	1
Curb Parking Subtotal	13	4	6	6	8	6	9	6	2	4	3	3	6	6	1	2	9	69%	1
Drop-Off	16	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	6%	0
Reserved for Outpatients	4	0	1	3	3	3	3	3	3	3	3	3	2	2	2	0	3	75%	0
Patient and Visitor Parking	23	10	15	19	20	20	23	23	21	22	22	20	20	17	14	8	23	100%	8
Handicap	25	1	5	8	9	11	11	9	12	13	13	10	9	6	5	4	13	52%	1
Gated	23	3	9	16	20	20	23	22	22	2	21	21	19	19	15	13	23	100%	2
Regular	6	0	1	1	1	2	2	4	3	5	5	3	2	2	2	2	5	83%	0
Surface Lot Subtotal	97	14	31	47	53	56	62	61	61	45	65	57	53	46	38	27	65	67%	14
Total	110	18	37	53	61	62	71	67	63	49	68	60	59	52	39	29	71	65%	18

APPENDIX B-11
 ZONE 6
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Hospital Employee Car Pool	11	2	2	4	6	3	3	6	10	10	10	8	2	3	4	2	10	91%	1
Patient and Visitor Parking	79	9	27	66	79	79	79	79	79	66	65	61	59	65	63	23	79	100%	0
Regular	346	102	215	309	360	365	373	361	359	338	333	291	199	170	174	123	373	108%	102
Surface Lot Subtotal	436	113	244	379	445	447	455	446	448	414	408	360	260	238	241	148	455	104%	113
Total	456	113	244	379	445	447	455	446	448	414	408	360	260	238	241	148	455	104%	113

APPENDIX B-12
 ZONE 6
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Hospital Employee Car Pool	11	0	2	2	4	5	6	7	7	7	6	5	5	2	1	1	7	64%	4
Patient and Visitor Parking	79	10	30	51	56	36	67	64	61	67	60	58	44	34	35	22	67	85%	12
Regular	346	80	221	327	348	351	355	351	325	323	301	254	203	167	133	82	355	103%	80
Surface Lot Subtotal	436	90	253	380	408	392	428	422	393	397	367	317	252	203	169	105	428	98%	90
Total	436	90	253	380	408	392	428	422	393	397	367	317	252	203	169	105	428	98%	90

APPENDIX B-13
 ZONE 1-6
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Yellow Curb	3	0	0	1	1	3	3	2	2	1	1	1	1	1	1	0	3	100%	0
Green Curb	11	0	1	5	7	7	8	9	8	5	5	7	4	5	1	5	9	82%	2
White Curb	4	1	1	1	1	2	1	3	3	0	0	1	2	2	3	2	3	75%	1
Pharmacy 20 minute Curb	2	0	0	0	2	2	2	1	1	0	0	0	0	0	1	1	2	100%	0
Reserved for Engineers Curb	13	7	6	9	10	10	10	10	10	6	5	5	7	7	7	3	10	77%	3
Regular Curb	113	37	63	79	100	106	106	106	106	100	99	68	59	52	42	17	106	94%	7
Curb Parking Subtotal	146	45	71	95	121	130	130	131	130	112	110	82	73	67	55	28	131	90%	15
Medical Office Patients	38	1	3	25	36	36	38	28	28	37	34	29	13	11	9	4	38	100%	0
Handicap	74	4	10	30	45	48	48	32	33	41	39	29	18	11	11	8	48	65%	26
20 minute	2	0	0	1	2	2	2	1	2	2	2	0	0	0	0	0	2	100%	0
SVC Quality Care	8	0	0	5	8	8	8	3	4	4	4	8	8	6	5	2	8	100%	0
Emergency Room Patient	22	7	10	13	22	22	22	22	22	20	19	17	13	13	13	7	22	100%	0
Emergency Room Red Curb	4	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	25%	3
Law Enforcement Vehicles	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	33%	2
Reserved for Doctors	28	7	8	9	14	15	16	16	15	18	16	10	17	18	19	13	19	68%	9
Reserved for Outpatients	4	1	1	4	4	4	4	4	4	2	2	2	1	4	4	3	4	100%	0
Patient and Visitor Parking	102	21	44	89	102	102	102	102	102	88	86	80	80	87	83	33	102	100%	0
Gated	23	6	9	22	21	23	23	20	21	23	23	19	13	23	12	17	23	100%	0
Drop-Off	16	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	6%	15
Hospital Employee Car Pool	11	2	2	4	6	3	3	6	10	10	10	8	2	3	4	2	10	91%	1
Regular	633	123	249	484	634	645	653	608	607	613	604	495	299	218	222	142	653	103%	-20
Surface Lot Subtotal	968	173	337	687	895	910	921	844	850	859	839	697	465	395	382	231	921	95%	47
Total	1,114	218	408	782	1,016	1,040	1,051	975	980	971	949	779	538	462	437	259	1,051	94%	63

APPENDIX B-14
 ZONE 1-6
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Yellow Curb	3	0	0	0	2	3	2	1	0	0	1	0	0	0	0	0	3	100%	0
Green Curb	11	1	2	2	8	4	6	3	4	5	6	3	6	4	1	2	8	73%	3
White Curb	4	1	1	1	1	0	2	1	0	0	0	1	1	2	0	0	2	50%	2
Pharmacy 20 minute Curt	2	0	0	1	1	1	1	0	1	0	0	0	1	0	0	0	1	50%	1
Reserved for Engineers Curt	13	7	8	10	10	9	9	7	7	5	6	4	4	4	4	3	10	77%	3
Regular Curb	113	33	54	77	97	101	101	101	96	95	91	69	52	45	33	16	101	89%	12
Curb Parking Subtotal	146	42	65	91	119	118	121	113	108	105	104	77	64	55	38	21	121	83%	25
Medical Office Patients	38	1	10	23	38	38	37	36	35	34	31	22	14	9	6	4	38	100%	0
Handicap	74	5	19	29	48	52	43	36	41	38	34	24	16	13	8	4	52	70%	22
20 minute	2	0	0	1	2	2	2	1	1	2	1	1	0	0	0	0	2	100%	0
SVC Quality Care	8	0	1	4	6	6	4	5	4	5	5	6	6	4	4	1	6	75%	2
Emergency Room Patient	22	8	11	16	21	21	20	19	20	18	18	18	17	13	11	8	21	95%	1
Emergency Room Red Curt	4	1	1	2	2	1	0	1	0	1	1	1	1	0	2	1	2	50%	2
Law Enforcement Vehicles	3	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	33%	2
Reserved for Doctors	28	7	9	11	15	16	17	15	15	15	15	15	15	15	14	12	17	61%	11
Reserved for Outpatients	4	0	1	3	3	3	3	3	3	3	3	3	2	2	2	0	3	75%	1
Patient and Visitor Parking	102	20	45	70	76	56	90	87	82	89	82	78	64	51	49	30	90	88%	12
Gated	23	3	9	16	20	20	23	22	22	2	21	21	19	19	15	13	23	100%	0
Drop-Off	16	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	6%	15
Hospital Employee Car Pool	11	0	2	2	4	5	6	7	7	7	6	5	5	2	1	1	7	64%	4
Regular	633	97	273	500	603	630	638	613	558	574	547	431	295	229	166	93	638	101%	-5
Surface Lot Subtotal	968	143	382	678	839	850	883	846	789	788	765	625	455	358	278	167	883	91%	85
Total	1,114	185	447	769	958	968	1,004	959	897	893	869	702	519	413	316	188	1,004	90%	110

APPENDIX B-15
 ACC/VALENCIA MEDICAL OFFICE BUILDING
 WEDNESDAY 11-07-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Loading Zone	2	0	0	2	2	2	2	2	2	1	1	2	1	1	0	0	2	100%	0
Yellow Curb	2	1	0	2	2	2	0	0	1	1	0	1	0	0	0	0	2	100%	0
Curb Parking Subtotal	4	1	0	4	4	4	2	2	3	2	1	3	1	1	0	0	4	100%	0
Reserved for Doctors	4	1	4	4	4	4	4	4	4	1	3	4	4	1	0	0	4	100%	0
White Curb	5	1	1	5	5	5	5	5	5	5	5	5	5	3	3	2	5	100%	0
Handicap	10	0	0	4	8	10	7	7	6	7	8	8	2	0	0	0	10	100%	0
Reserved for Patients	44	1	8	31	44	44	33	31	35	31	32	26	21	3	0	0	44	100%	0
Reserved for Outpatients	8	1	2	6	8	8	8	8	8	7	8	5	2	0	0	0	8	100%	0
Reserved for Tenant & Patient	14	1	2	12	14	14	13	14	13	14	14	12	4	1	0	0	14	100%	0
Reserved for Tenants	45	2	5	33	45	45	41	44	42	44	43	26	21	5	1	1	45	100%	0
Regular	172	37	90	155	172	172	163	158	163	158	155	141	62	20	14	10	172	100%	0
Surface Lot Subtotal	302	44	112	250	300	302	274	267	276	267	268	227	121	33	18	13	302	100%	0
Total	306	45	112	254	304	306	276	269	279	269	269	230	122	34	18	13	306	100%	0

APPENDIX B-16
 ACC/VALENCIA MEDICAL OFFICE BUILDING
 THURSDAY 11-08-07

Parking Designation	Supply	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	Maximum Observed Demand	% Occupied	Minimum Surplus
Loading Zone	2	0	0	0	2	0	1	0	0	1	0	1	0	1	0	0	2	100%	0
Yellow Curb	2	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0	1	50%	1
Curb Parking Subtotal	4	0	0	0	2	0	2	1	0	1	0	2	0	2	0	0	2	50%	2
Reserved for Doctors	4	0	3	3	4	4	4	4	4	3	3	1	1	0	0	0	4	100%	0
White Curb	5	0	2	2	5	5	5	5	5	5	5	4	2	1	1	0	5	100%	0
Handicap	10	0	1	5	8	9	5	6	5	5	3	4	2	2	0	0	9	90%	1
Reserved for Patients	44	0	10	22	44	44	42	34	27	28	20	17	13	8	4	0	44	100%	0
Reserved for Outpatients	8	0	1	6	8	8	8	6	6	6	7	4	6	2	4	0	8	100%	0
Reserved for Tenant & Patient	14	0	3	9	12	12	12	13	12	12	12	10	6	2	0	0	13	93%	1
Reserved for Tenants	45	0	5	31	34	31	32	31	32	32	29	19	14	7	2	0	34	76%	11
Regular	172	22	75	129	160	166	168	165	162	155	146	125	93	39	17	8	168	98%	4
Surface Lot Subtotal	302	22	100	207	275	279	276	264	253	246	225	184	137	61	28	8	279	92%	23
Total	306	22	100	207	277	279	278	265	253	247	225	186	137	63	28	8	279	91%	27

APPENDIX C
EXCERPT OF RULE 2202 REGISTRATION FORM

HOSPITAL EMPLOYEE COMMUTE PATTERNS
SURVEY WEEK OF FEBRUARY 4-8, 2008
SUBMITTED MARCH 12, 2008

Section IV-1: D. Weekly Employee Survey Summary Form (Peak)

See Instructions on Page 9.

Percent Response: 75%

Summarize the commute modes of employees reporting to work within the standard 6-10 a.m., Mon-Fri window only.

Days of the Week: _____

Hours: _____ through: _____

If different than Monday through Friday, and/or 6:00 AM to 10:00 AM, identify the 5 consecutive days and/or the 4 consecutive hours above

Mode

	Mon	Tue	Wed	Thu	Fri	Total
NSR. No Survey Response (80-89%)	134	134	134	134	134	670
Surveys With Errors	5	5	5	5	5	25
A. Drive Alone	252	256	261	251	242	1262
B. Motorcycle	2	2	2	1	1	8
C. 2 persons in vehicle	18	10	17	20	16	81
D. 3 persons in vehicle	5	7	8	8	8	36
E. 4 persons in vehicle	3	2	2	2	2	11
F. 5 persons in vehicle	1	1	1	1	1	5
G. 6 persons in vehicle	0	0	0	0	0	0
H. 7 persons in vehicle	0	0	0	0	0	0
I. 8 persons in vehicle	0	0	0	0	0	0
J. 9 persons in vehicle	0	0	0	0	0	0
K. 10 persons in vehicle	0	0	0	0	0	0
L. 11 persons in vehicle	0	0	0	0	0	0
M. 12 persons in vehicle	0	0	0	0	0	0
N. 13 persons in vehicle	0	0	0	0	0	0
O. 14 persons in vehicle	0	0	0	0	0	0
P. 15 persons in vehicle	0	0	0	0	0	0
Q. Bus	1	2	1	2	1	7
R. Rail/plane	1	1	0	1	1	4
S. Walk	2	5	2	2	4	15
T. Bicycle	0	0	0	0	0	0
U. Zero Emission Vehicle (No Hybrid)	1	1	1	1	1	5
V. Telecommute	0	0	0	0	0	0
W. Noncommuting	1	1	3	1	1	7

1403 Pvt. Veh.

38 other modes

1441 surveyed employee responses

Compressed Work Week Day(s) Off

X. 3/36 work week	55	52	45	41	18	211
Y. 4/40 work week	4	1	1	1	0	7
Z. 9/80 work week	0	0	0	0	0	0

Other Days Off

AA. Vacation	5	7	3	6	7	28
BB. Sick	11	10	7	10	7	45
CC. Regular Day Off, Jury Duty, LOA,	42	46	50	56	94	288
DD. NSR (90% or higher response)	0	0	0	0	0	0
OO. Off-Peak Trips (mixed schedule)	0	0	0	0	0	0

Daily Totals

543	543	543	543	543	2715
-----	-----	-----	-----	-----	------

1403 Pvt. Vehicle = 97.4%

38 other modes = 2.6%

1441 total = 100.0%

Composite Vehicle occupancy = $\frac{1441}{1326.25} = 1.086$
say 1.09

Site Group Name: Henry Mayo Newhall Hospital-205201

Year: 2008

Site ID#: 93820

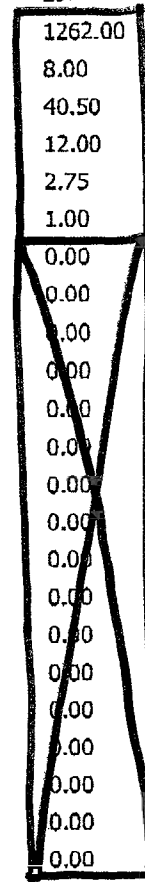
Section IV-1 (cont): E. Weekly Employee/Vehicle Calculation (Peak)

Weekly Employee Trips

Weekly Vehicle Trips

Mode	Column I
NSR. No Survey Returned (if 60%-89%)	670
Survey Errors	25
A. Drive Alone	1262
B. Motorcycle	8
C. 2 persons in vehicle	81
D. 3 persons in vehicle	36
E. 4 persons in vehicle	11
F. 5 persons in vehicle	5
G. 6 persons in vehicle	0
H. 7 persons in vehicle	0
I. 8 persons in vehicle	0
J. 9 persons in vehicle	0
K. 10 persons in vehicle	0
L. 11 persons in vehicle	0
M. 12 persons in vehicle	0
N. 13 persons in vehicle	0
O. 14 persons in vehicle	0
P. 15 persons in vehicle	0
Q. Bus	7
R. Rail/plane	4
S. Walk	15
T. Bicycle	0
U. Zero Emission Vehicle (No Hybrid)	5
V. Telecommute	0
W. Noncommuting	7
Compressed Work Week Day(s) Off	
X. 3/36 work week	211
Y. 4/40 work week	7
Z. 9/80 work week	0
ET Employee Trips (total NSR thru Z)	2354
Other Days Off	
AA. Vacation	28
BB. Sick	45
CC. Regular Day Off, Jury Duty, LOA, etc.	288
*DD. NSR (90% or higher)	0
EE. Total (ET + AA + BB + CC + DD)	2715
FF. Number of employees in window	543
GG. Multiply box FF by 5	2715

Column II	
NSR. divided by 1	670.00
Survey Errors divided by 1	25.00
A. divided by 1	1262.00
B. divided by 1	8.00
C. divided by 2	40.50
D. divided by 3	12.00
E. divided by 4	2.75
F. divided by 5	1.00
G. divided by 6	0.00
H. divided by 7	0.00
I. divided by 8	0.00
J. divided by 9	0.00
K. divided by 10	0.00
L. divided by 11	0.00
M. divided by 12	0.00
N. divided by 13	0.00
O. divided by 14	0.00
P. divided by 15	0.00
Q. Bus	0.00
R. Rail/plane	0.00
S. Walk	0.00
T. Bicycle	0.00
U. Zero Emission Vehicle (No Hybrid)	0.00
V. Telecommute	0.00
W. Noncommuting	0.00
TV. Total Vehicles (NSR through P.)	2021.25



1326.25 surveyed vehicles

*DD: No Survey Response for employers that have achieved a 90% or higher survey response rate.

Actual Average Vehicle Occupancy per Survey data = $\frac{1403 \text{ Pvt auto commuters}}{1326.25 \text{ veh}}$ = 1.06

Note: Numbers in boxes EE & GG must be the same.

Drive alone % = $\frac{1262}{1326.25} = 95\%$

Site Group Name: Henry Mayo Newhall Hospital-205201

Year: 2008

Site ID#: 33820

Section IV-1: (cont.) AVR Planning Form (Peak)

- | | | |
|---|----|--------------|
| 1. Total employee trips generated within window. (Section IV-1-E Line ET) | 1. | 2354 |
| 2. Total vehicles arriving at the worksite within the window (Section IV-1-E, Line TV) | 2. | 2021.25 |
| 3. Divide line #1 of this page by line #2 of this page for current AVR | 3. | 1.165 |
| 4. Enter AVR performance zone here (1.3, 1.5, or 1.75). To determine correct performance zone refer to map on Appendix B. | 4. | 1.50 |
| 5. AVR of last submittal. | 5. | <u>1.27</u> |
| 6. Enter Adjusted AVR from the Appendix(ces) here, if applicable, otherwise enter the AVR from line 3. Adjustments to the AVR: Check all that apply and complete the corresponding Appendix(ces). | 6. | <u>1.165</u> |

Off-Peak Credits (Complete Appendix C)

Reduced Staffing (Complete Appendix D)

Non-Regulated Sites (Complete Appendix E)

Multiple Adjustment Worksheet (Complete Appendix F)

APPENDIX D

**EXCERPT FROM TRAFFIC IMPACT ANALYSIS BY
AUSTIN-FOUST ASSOCIATES**

**HENRY MAYO NEWHALL MEMORIAL HOSPITAL
MASTER PLAN
OCTOBER 2007**

Table 3-1

PROJECT TRIP GENERATION SUMMARY – MASTER PLAN BUILDOUT

Land Use Type	Amount	AM Peak Hour			PM Peak Hour			ADT
		In	Out	Total	In	Out	Total	
Proposed Project (Net Increase)								
Medical Office	200.000 TSF	392	104	496	201	543	744	7,226
Hospital	127.363 TSF	102	50	153	50	101	150	2,238
On-Site Volume	--	(65)	(65)	(130)	(89)	(89)	(179)	(1,893)
Total (Off-site)	--	429	90	519	161	554	715	7,571
Trip Rates¹								
Medical Office	TSF	1.96	0.52	2.48	1.00	2.72	3.72	36.13
Hospital	TSF	0.80	0.40	1.20	0.39	0.79	1.18	17.57

¹TRIP RATE SOURCES:

Medical Office - ITE "Trip Generation", 7th Edition, Category 720 (Medical-Dental Office Building)
 Hospital - ITE "Trip Generation", 7th Edition, Category 810 (Hospital)

Table 3-2

EXISTING TRAFFIC VOLUME SUMMARY (ON-SITE)

Type	Amount	AM Peak Hour			PM Peak Hour			ADT
		In	Out	Total	In	Out	Total	
EXISTING CAMPUS TRIP GENERATION AS STAND-ALONE FACILITIES								
Medical Office	97.08 TSF ¹	190	51	241	98	264	361	3,508
Medical Office ²	99.00 TSF	194	52	246	99	269	368	3,577
Hospital	232.11 TSF	187	92	279	90	184	274	4,078
Total	428.19 TSF	571	194	765	287	716	1,003	11,163
PROJECT DRIVEWAY VOLUMES FOR PROJECT SITE (EXISTING)								
Field Survey		428	119	547	225	452	677	7,900
Percent Difference		--	--	-28%	--	--	-33%	-29%
TRIP RATES³								
Medical Office	TSF	1.96	0.52	2.48	1.00	2.72	3.72	36.13
Hospital	TSF	0.80	0.40	1.20	0.39	0.79	1.18	17.57

Notes:

¹TSF = Thousand Square Feet

²Non-Master Plan component (two buildings located east of Avenida Navarre).

³Trip Rate Source:

Medical Office - ITE "Trip Generation", 7th Edition, Category 720 (Medical-Dental Office Building)

Hospital - ITE "Trip Generation", 7th Edition, Category 810 (Hospital)

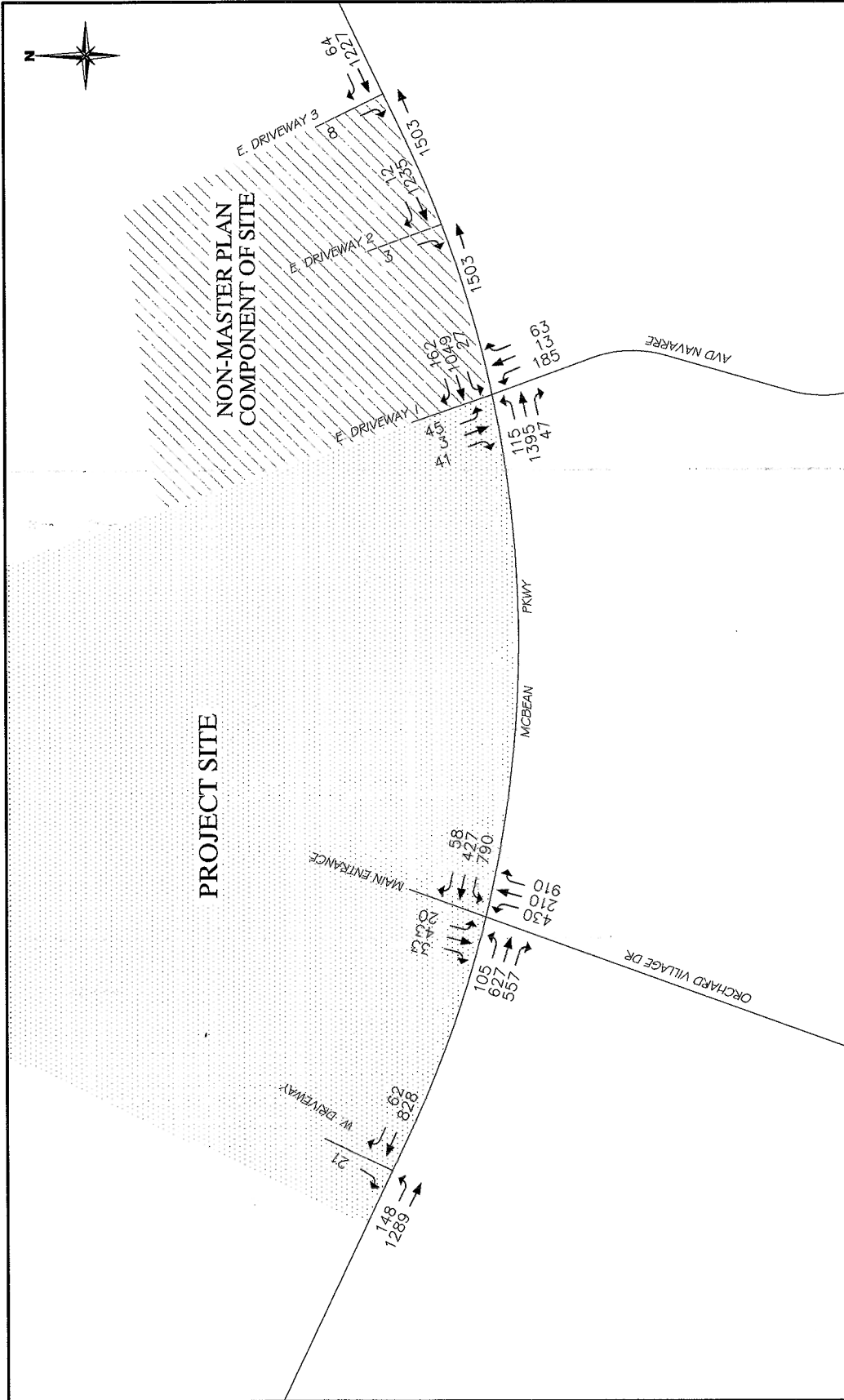


Figure 5-4
 AM PEAK HOUR INTERSECTION VOLUMES
 - INTERIM YEAR CONDITIONS AT PROJECT
 DRIVEWAYS

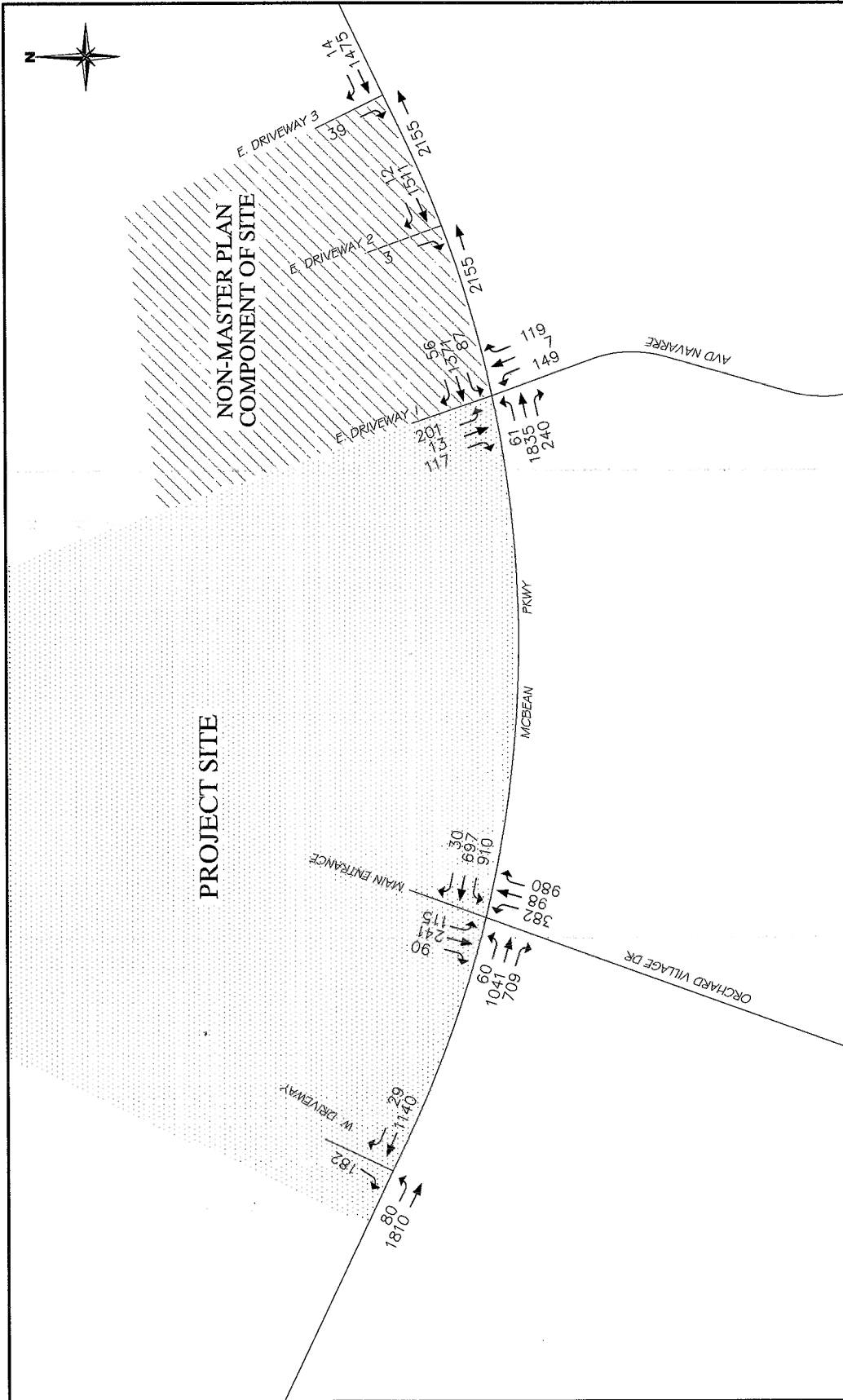


Figure 5-5
 PM PEAK HOUR INTERSECTION VOLUMES
 - INTERIM YEAR CONDITIONS AT PROJECT DRIVEWAYS

APPENDIX E

INTERNAL LEVEL OF SERVICE (LOS) CALCULATIONS AT MASTER PLAN BUILDOUT

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #1 Internal DWY 1

Average Delay (sec/veh): 3.1 Worst Case Level Of Service: B[10.6]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 12 columns representing different volume categories and 12 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Critical Gap Module: Table with 12 columns for gap and follow-up times across different movements.

Capacity Module: Table with 12 columns for capacity and volume/capacity ratios across different movements.

Level Of Service Module: Table with 12 columns for LOS and delay metrics across different movements.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report
2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #1 Internal DWY 1

Average Delay (sec/veh): 10.2 Worst Case Level Of Service: C [15.1]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Approach, Movement, Control, Rights, and Lanes.

Volume Module: Table with 13 columns for various volume metrics like Base Vol, Growth Adj, Initial Bse, etc.

Critical Gap Module: Table with 13 columns for gap metrics like Critical Gp, FollowUpTim.

Capacity Module: Table with 13 columns for capacity metrics like Cnflct Vol, Potent Cap., Move Cap., Volume/Cap.

Level Of Service Module: Table with 13 columns for LOS metrics like 2Way95thQ, Control Del, LOS by Move, etc.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report
2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #2 Internal DWY 2

Average Delay (sec/veh): 0.0 Worst Case Level Of Service: A[0.0]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 13 columns for volume metrics (Base Vol, Growth Adj, Initial Bse, etc.) and 4 columns for North, South, East, West bounds.

Critical Gap Module: Table with 13 columns for gap metrics (Critical Gp, FollowUpTim) and 4 columns for North, South, East, West bounds.

Capacity Module: Table with 13 columns for capacity metrics (Cnflct Vol, Potent Cap., Move Cap., Volume/Cap) and 4 columns for North, South, East, West bounds.

Level Of Service Module: Table with 13 columns for LOS metrics (2Way95thQ, Control Del, LOS by Move, Shared Cap., Shrd ConDel, Shared LOS, ApproachDel, ApproachLOS) and 4 columns for North, South, East, West bounds.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #2 Internal DWY 2

Average Delay (sec/veh): 0.9 Worst Case Level Of Service: A[9.6]

Approach:	North Bound			South Bound			East Bound			West Bound										
Movement:	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled										
Rights:	Include			Include			Include			Include										
Lanes:	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0

Volume Module:

Base Vol:	20	0	0	0	0	0	0	140	10	0	50	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	20	0	0	0	0	0	0	140	10	0	50	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	20	0	0	0	0	0	0	140	10	0	50	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	20	0	0	0	0	0	0	140	10	0	50	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	20	0	0	0	0	0	0	140	10	0	50	0

Critical Gap Module:

Critical Gp:	6.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx

Capacity Module:

Cnflct Vol:	195	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	798	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	798	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.03	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx

Level Of Service Module:

2Way95thQ:	0.1	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx			
Control Del:	9.6	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx			
LOS by Move:	A	*	*	*	*	*	*	*	*	*	*	*			
Movement:	LT	-	LTR	-	RT	LT	-	LTR	-	RT	LT	-	LTR	-	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx			
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx			
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx			
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*			
ApproachDel:	9.6			xxxxxx			xxxxxx			xxxxxx					
ApproachLOS:	A			*			*			*					

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #3 Internal DWY 3

Average Delay (sec/veh): 5.2 Worst Case Level Of Service: B[10.5]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 12 columns representing different traffic volumes and adjustment factors like Base Vol, Growth Adj, etc.

Critical Gap Module: Table with 12 columns showing critical gap and follow-up time values.

Capacity Module: Table with 12 columns showing conflict volume, potential capacity, and volume/capacity ratios.

Level Of Service Module: Table with 12 columns showing delay, LOS, and queue length for different movements.

Note: Queue reported is the number of cars per lane.

Level of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #3 Internal DWY 3

Average Delay (sec/veh): 6.5 Worst Case Level Of Service: B[13.7]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 12 columns for volume components (Base Vol, Growth Adj, Initial Bse, Added Vol, PasserByVol, Initial Fut, User Adj, PHF Adj, PHF Volume, Reduct Vol, FinalVolume) and 3 rows of data.

Critical Gap Module: Table with 12 columns for gap metrics and 2 rows of data.

Capacity Module: Table with 12 columns for capacity metrics (Cnflict Vol, Potent Cap., Move Cap., Volume/Cap) and 4 rows of data.

Level Of Service Module: Table with 12 columns for LOS metrics (2Way95thQ, Control Del, LOS by Move, Movement, Shared Cap., SharedQueue, Shrd ConDel, Shared LOS, ApproachDel, ApproachLOS) and 10 rows of data.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #4 Internal DWY 4

Cycle (sec): 100 Critical Vol./Cap.(X): 0.302
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): 8.9
Optimal Cycle: 0 Level Of Service: A

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module: Table with 13 columns representing different traffic flows and 12 rows of volume and adjustment factors.

Saturation Flow Module: Table with 13 columns and 3 rows showing adjustment factors and saturation flow values.

Capacity Analysis Module: Table with 13 columns and 12 rows showing delay, LOS, and approach delay metrics.

Note: Queue reported is the number of cars per lane.

Level of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #4 Internal DWY 4

Cycle (sec): 100 Critical Vol./Cap. (X): 0.331
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): 9.4
Optimal Cycle: 0 Level of Service: A

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module: Table with 13 columns representing different traffic volumes and adjustment factors.

Saturation Flow Module: Table with 13 columns showing saturation flow rates and adjustments.

Capacity Analysis Module: Table with 13 columns showing capacity analysis metrics like Vol/Sat, Crit Moves, Delay/Veh, etc.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #4 Internal DWY 4

Average Delay (sec/veh): 8.4 Worst Case Level Of Service: C[17.8]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Approach, Movement, Control, Rights, and Lanes.

Volume Module: Table with 12 columns representing different volume categories and 12 rows of data including Base Vol, Growth Adj, Initial Bse, etc.

Critical Gap Module: Table with 12 columns for gap metrics and 2 rows of data including Critical Gp and FollowUpTim.

Capacity Module: Table with 12 columns for capacity metrics and 4 rows of data including Cnflct Vol, Potent Cap., Move Cap., and Volume/Cap.

Level Of Service Module: Table with 12 columns for LOS metrics and 10 rows of data including 2Way95thQ, Control Del, LOS by Move, etc.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #4 Internal DWY 4

Average Delay (sec/veh): 12.4 Worst Case Level Of Service: C[20.1]

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Lanes:	1	0	0	1	0	1	0	0	1	0	1	0

Volume Module:

Base Vol:	100	0	90	0	0	0	0	20	260	190	40	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	100	0	90	0	0	0	0	20	260	190	40	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	100	0	90	0	0	0	0	20	260	190	40	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	100	0	90	0	0	0	0	20	260	190	40	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	100	0	90	0	0	0	0	20	260	190	40	0

Critical Gap Module:

Critical Gp:	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	6.5	6.2	7.1	6.5	xxxxx
FollowUpTim:	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	4.0	3.3	3.5	4.0	xxxxx

Capacity Module:

Cnflct Vol:	0	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxx	290	0	255	245	xxxxx
Potent Cap.:	900	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxx	624	900	702	661	xxxxx
Move Cap.:	900	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxx	554	900	445	587	xxxxx
Volume/Cap:	0.11	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxx	0.04	0.29	0.43	0.07	xxxxx

Level Of Service Module:

2Way95thQ:	0.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx			
Control Del:	9.5	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx			
LOS by Move:	A	*	*	*	*	*	*	*	*	*	*	*			
Movement:	LT	-	LTR	-	RT	LT	-	LTR	-	RT	LT	-	LTR	-	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxx	xxxx	862	464	xxxx	xxxxx			
SharedQueue:	xxxxx	xxxx	xxxxx	0.0	xxxx	xxxxx	xxxxx	xxxx	1.4	2.7	xxxx	xxxxx			
Shrd ConDel:	xxxxx	xxxx	xxxxx	9.0	xxxx	xxxxx	xxxxx	xxxx	11.2	20.1	xxxx	xxxxx			
Shared LOS:	*	*	*	A	*	*	*	*	B	C	*	*			
ApproachDel:	xxxxxx			xxxxxx			11.2			20.1					
ApproachLOS:	*			*			B			C					

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #5 Internal DWY 5

Average Delay (sec/veh): 0.9 Worst Case Level Of Service: B[10.0]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 13 columns for various volume metrics like Base Vol, Growth Adj, Initial Bse, etc.

Critical Gap Module: Table with 13 columns for Critical Gp, FollowUpTim, etc.

Capacity Module: Table with 13 columns for Cnflct Vol, Potent Cap., Move Cap., Volume/Cap.

Level Of Service Module: Table with 13 columns for 2Way95thQ, Control Del, LOS by Move, Movement, Shared Cap., etc.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #5 Internal DWY 5

Average Delay (sec/veh): 2.3 Worst Case Level Of Service: B[10.4]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Approach, Movement, Control, Rights, and Lanes.

Volume Module: Table with 13 columns representing different volume components like Base Vol, Growth Adj, Initial Bse, etc.

Critical Gap Module: Table with 13 columns showing critical gap and follow-up time values.

Capacity Module: Table with 13 columns showing capacity-related metrics like Cnflict Vol, Potent Cap., etc.

Level Of Service Module: Table with 13 columns showing LOS metrics like 2Way95thQ, Control Del, etc.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #6 Internal DWY 6

Average Delay (sec/veh): 4.1 Worst Case Level Of Service: B[10.3]

Approach: North Bound South Bound East Bound West Bound
Movement: L - T - R L - T - R L - T - R L - T - R

Control: Stop Sign Stop Sign Uncontrolled Uncontrolled
Rights: Include Include Include Include
Lanes: 0 0 1! 0 0 0 0 1! 0 0 0 0 0 1 0 0 0

Volume Module:
Base Vol: 40 0 10 0 0 0 0 0 10 120 90 20 0
Growth Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Initial Bse: 40 0 10 0 0 0 0 0 10 120 90 20 0
Added Vol: 0 0 0 0 0 0 0 0 0 0 0 0 0
PasserByVol: 0 0 0 0 0 0 0 0 0 0 0 0 0
Initial Fut: 40 0 10 0 0 0 0 0 10 120 90 20 0
User Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
PHF Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
PHF Volume: 40 0 10 0 0 0 0 0 10 120 90 20 0
Reduct Vol: 0 0 0 0 0 0 0 0 0 0 0 0 0
FinalVolume: 40 0 10 0 0 0 0 0 10 120 90 20 0

Critical Gap Module:
Critical Gp: 6.4 6.5 6.2 7.1 6.5 6.2 xxxxx xxxx xxxxx 4.1 xxxx xxxxx
FollowUpTim: 3.5 4.0 3.3 3.5 4.0 3.3 xxxxx xxxx xxxxx 2.2 xxxx xxxxx

Capacity Module:
Cnflct Vol: 270 270 70 275 330 20 xxxx xxxx xxxxx 130 xxxx xxxxx
Potent Cap.: 724 640 998 681 592 1064 xxxx xxxx xxxxx 1468 xxxx xxxxx
Move Cap.: 688 599 998 641 554 1064 xxxx xxxx xxxxx 1468 xxxx xxxxx
Volume/Cap: 0.06 0.00 0.01 0.00 0.00 0.00 xxxx xxxx xxxxx 0.06 xxxx xxxxx

Level Of Service Module:
2Way95thQ: xxxx xxxx xxxxx xxxx xxxx xxxxx xxxx xxxx xxxxx 0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx 7.6 xxxx xxxxx
LOS by Move: * * * * * * * * * * A * *
Movement: LT - LTR - RT LT - LTR - RT LT - LTR - RT LT - LTR - RT
Shared Cap.: xxxx 734 xxxxx xxxx 0 xxxxx xxxx xxxx xxxxx xxxx xxxx xxxxx
SharedQueue:xxxxx 0.2 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx 0.2 xxxx xxxxx
Shrd ConDel:xxxxx 10.3 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx 7.6 xxxx xxxxx
Shared LOS: * B * * * * * * * * * A * *
ApproachDel: 10.3 xxxxxxx xxxxxxx xxxxxxx
ApproachLOS: B * * *

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #6 Internal DWY 6

Average Delay (sec/veh): 6.3 Worst Case Level Of Service: A[9.8]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement (L-T-R), Control (Stop Sign, Uncontrolled), Rights (Include), and Lanes (0 0 1! 0 0).

Volume Module: Table with 13 columns for volume components. Rows include Base Vol, Growth Adj, Initial Bse, Added Vol, PasserByVol, Initial Fut, User Adj, PHF Adj, PHF Volume, Reduct Vol, and Final Volume.

Critical Gap Module: Table with 13 columns for gap and follow-up times. Rows include Critical Gp and FollowUpTim.

Capacity Module: Table with 13 columns for capacity metrics. Rows include Cnflct Vol, Potent Cap., Move Cap., and Volume/Cap.

Level Of Service Module: Table with 13 columns for LOS metrics. Rows include 2Way95thQ, Control Del, LOS by Move, Movement, Shared Cap., Shrd ConDel, Shared LOS, ApproachDel, and ApproachLOS.

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #7 Internal DWY 7

Average Delay (sec/veh): 2.7 Worst Case Level Of Service: A[8.7]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 12 columns representing different volume types (Base Vol, Growth Adj, etc.) and 12 rows.

Critical Gap Module: Table with 12 columns and 2 rows (Critical Gp, FollowUpTim).

Capacity Module: Table with 12 columns and 4 rows (Cnflct Vol, Potent Cap., Move Cap., Volume/Cap.).

Level Of Service Module: Table with 12 columns and 10 rows (2Way95thQ, Control Del, LOS by Move, etc.).

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report

2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #7 Internal DWY 7

Average Delay (sec/veh): 1.9 Worst Case Level Of Service: A[9.6]

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, and Lanes.

Volume Module: Table with 12 columns representing different volume categories and 12 rows of data including Base Vol, Growth Adj, Initial Bse, etc.

Critical Gap Module: Table with 12 columns and 2 rows showing Critical Gp and FollowUpTim values.

Capacity Module: Table with 12 columns and 4 rows showing Cnflct Vol, Potent Cap., Move Cap., and Volume/Cap.

Level Of Service Module: Table with 12 columns and 10 rows showing 2Way95thQ, Control Del, LOS by Move, Movement, Shared Cap., SharedQueue, Shrd ConDel, Shared LOS, ApproachDel, and ApproachLOS.

Note: Queue reported is the number of cars per lane.
