SUMMARY OF PERCOLATION TESTING

CLIENT: National CORE

PROJECT: Yucca Valley Senior Housing

JOB NO.: LP11035

TESTED BY: Alex

DATE DRILLED: 04/19/11

DATE PRESOAKED: 04/19/11

DATE TESTED: 04/20/11

PRESATURATION (hours): 24

BORING **P-1** Depth: 33 ft Borehole Dia: 0.5 ft

Pipe Stickup:	Gravel to:	Tape Corr:	Gravel Factor:
5 - 0.0	0 - 5.0	0 - 0.0	1.00

Reading No.	Time	t Time Interval (min)	Total Elapsed Time (min)	Total Depth of Hole (ft-in.)	Initial Water Level (ft-in.)	Final Water Level (ft-in.)	F Fall in Water Level (ft)	L(avg) Average Wetted Length (ft)	Q F*D*9/L(avg)^t Percolation Rate (gal/sf/day)
1	11:00 11:30	30	30	33 - 0.0	0 - 0.0	33 - 0.0	33.00	16.50	18.0
2	11:35 12:05	30	60	33 - 0.0	0 - 0.0	33 - 0.0	33.00	16.50	18.0
3	12:07 12:17	10	70	33 - 0.0	0 - 0.0	21 - 5.0	21.42	22.29	25.9
4	12:20 12:30	10	80	33 - 0.0	0 - 0.0	25 - 5.0	25.42	20.29	33.8
5	12:35 12:45	10	90	33 - 0.0	0 - 0.0	24 - 11.0	24.92	20.54	32.8
6	12:49 12:59	10	100	33 - 0.0	0 - 0.0	24 - 6.0	24.50	20.75	31.9
7	13:03 13:13	10	110	33 - 0.0	4 - 0.0	25 - 11.0	21.92	18.04	32.8
8	13:16 13:26	10	120	33 - 0.0	4 - 0.0	25 - 10.0	21.83	18.08	32.6

DRAFT

SUMMARY OF PERCOLATION TESTING

CLIENT: National CORE

PROJECT: Yucca Valley Senior Housing

JOB NO.: LP11035

TESTED BY: Alex

DATE DRILLED: 04/19/11

DATE PRESOAKED: 04/19/11

DATE TESTED: 04/20/11

PRESATURATION (hours): 24

BORING **P-2** Depth: 28 ft Borehole Dia: 0.5 ft

Pipe Stickup:	Gravel to:	Tape Corr:	Gravel Factor:
5 - 0.0	0 - 5.0	0 - 0.0	1.00

Reading No.	Time	t Time Interval (min)	Total Elapsed Time (min)	Total Depth of Hole (ft-in.)	Initial Water Level (ft-in.)	Final Water Level (ft-in.)	F Fall in Water Level (ft)	L(avg) Average Wetted Length (ft)	Q F*D*9/L(avg)^t Percolation Rate (gal/sf/day)
1	11:00 11:30	30	30	28 - 0.0	0 - 0.0	28 - 0.0	28.00	14.00	18.0
2	11:35 12:05	30	60	28 - 0.0	0 - 0.0	28 - 0.0	28.00	14.00	18.0
3	12:07 12:17	10	70	28 - 0.0	0 - 0.0	22 - 5.0	22.42	16.79	36.0
4	12:20 12:30	10	80	28 - 0.0	0 - 0.0	21 - 4.0	21.33	17.33	33.2
5	12:35 12:45	10	90	28 - 0.0	0 - 0.0	21 - 10.0	21.83	17.08	34.5
6	12:49 12:59	10	100	28 - 0.0	0 - 0.0	21 - 8.0	21.67	17.17	34.1
7	13:03 13:13	10	110	28 - 0.0	4 - 0.0	21 - 5.0	17.42	15.29	30.8
8	13:16 13:26	10	120	28 - 0.0	4 - 0.0	21 - 7.0	17.58	15.21	31.2

DRAFT

LANDMARK CONSULTANTS INC.

SUMMARY OF INFILTRATION TESTING

Client: National CORE

Project: Yucca Valley Senior Housing

Job No.: LP11035

Date Excavated: 04/19/2011

Test Hole No.: I-1

Date Tested: 04/20/2011

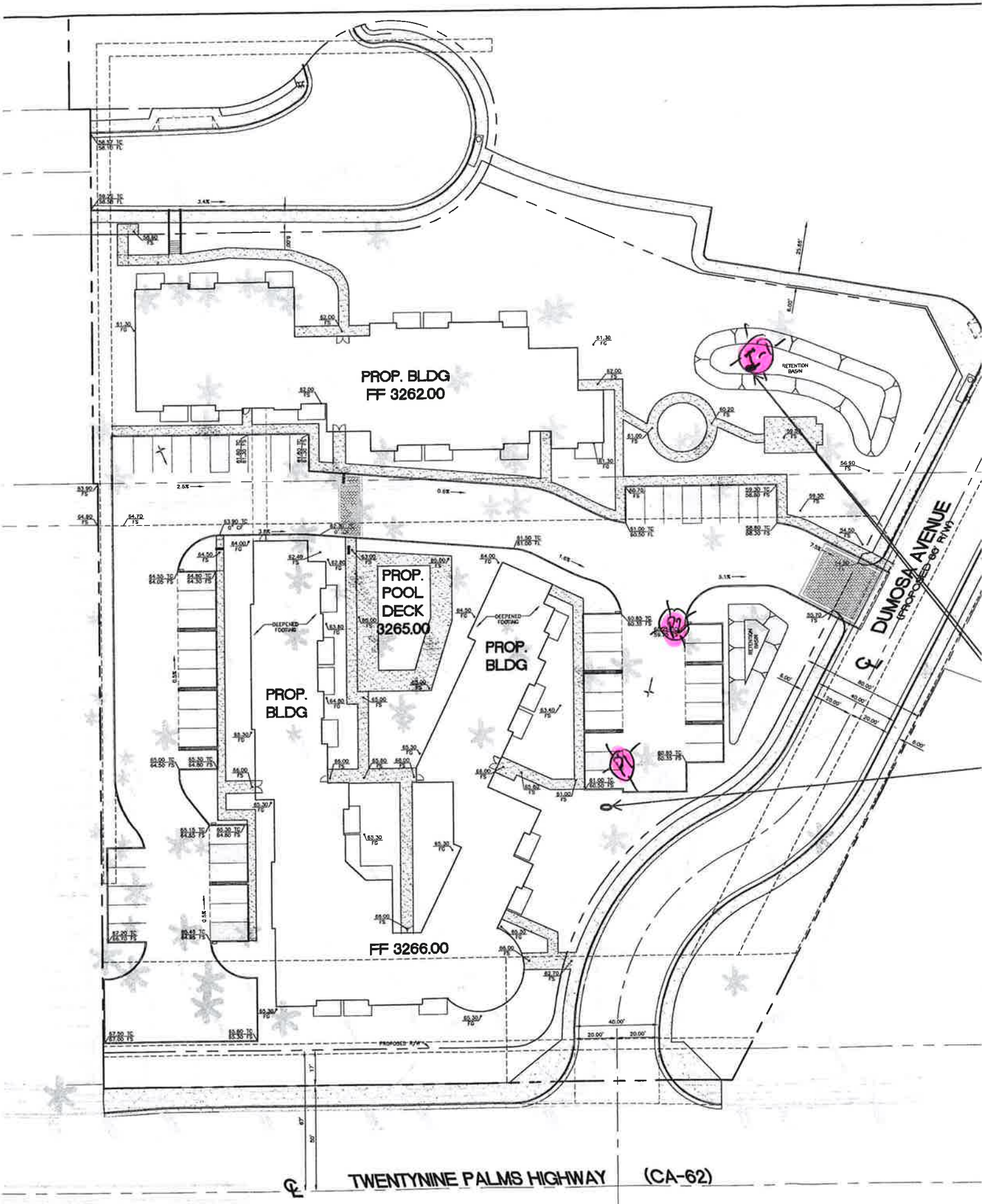
Technician: Alec

Location: See Site and Exploration Plan

Soil Type: Silty Sand (SM)

Reading No.	Total Depth (in.)	Time Interval (min)	Total Elapsed Time (min)	Initial Water Level (in.)	Final Water Level (in.)	Fall in Water Level (in.)	Stabilized Drop (min/in)	Stabilized Drop gal/hr/sft
1	5	15	15	41.00	63.00	22.00	0.68	54.86
2	5	15	30	41.00	61.00	20.00	0.75	49.87
3	5	10	40	41.00	60.00	19.00	0.53	71.07
4	5	10	50	41.00	60.00	19.00	0.53	71.07
5	5	10	60	41.00	60.00	19.00	0.53	71.07
6	5	10	70	41.00	61.00	20.00	0.50	74.81
7	5	10	80	41.00	60.00	19.00	0.53	71.07
8	5	10	90	41.00	59.00	18.00	0.56	67.33
							0.53	**70.94**

DRAFT


PROP. BLDG
FF 3262.00
RETENTION BASIN
PROP. POOL DECK 3265.00
PROP. BLDG
PROP. BLDG
FF 3266.00
DEEPENED FOOTING
DUMOSA AVENUE
(PROPOSED 80' R/W)
TWENTYNINE PALMS HIGHWAY (CA-62)