IN THE CITY OF PALM SPRINGS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

DOMESTIC WATER IMPROVEMENT PLAN

PALM SPRINGS ANIMAL CARE FACILITY

BEING A PORTION OF THE NORTH HALF OF LOT 18, AS SHOWN BY MAP OF PALM VALLEY COLONY LANDS, FILED IN BOOK 14, PAGE 652 OF MAPS, OFFICIAL RECORDS OF SAN DIEGO COUNTY, CALIFORNIA

DWA CONSTRUCTION NOTES & ESTIMATED QUANTITIES

NOTE: THESE ESTIMATES ARE FOR PERMIT USE ONLY. THE CONTRACTOR IS REQUIRED TO PREPARE HIS OWN ESTIMATES FOR THE PURPOSE OF BIDDING.

#	PRIVATE PRECISE GRADING, PAVING IMPROVEMENT PLAN	ESTIMATED AMOUNT	ACTUAL AMOUNT
1	DWA TO HOT TAP EXISTING 12" DIP WATER MAIN AND INSTALL 12"x12"x8" DIP TEE, AT CONTRACTORS EXPENSE PER DWA STD. DWG. W106	1 EA.	EA.
3	DWA TO INSTALL 8" DIP GATE VALVE, AT CONTRACTORS EXPENSE PER DWA STD. DWG. W109	1 EA.	EA.
4	INSTALL 8" DIP WATER MAIN, AT CONTRACTORS EXPENSE	15 LF.	LF.
5	INSTALL 8" DOUBLE DETECTOR CHECK VALVE PER IWA STD. DWG. W133 (FEBCO MODEL 876V WITH NO OPTIONAL VALVE SETER)	1 EA.	EA.
14	DWA TO INSTALL 2" DOMESTIC WATER SERVICE PER DWA STD. W124 & W127 WITH 2" METER & BACKFLOW, AT CONTRACTORS EXPENSE	1 EA.	EA.

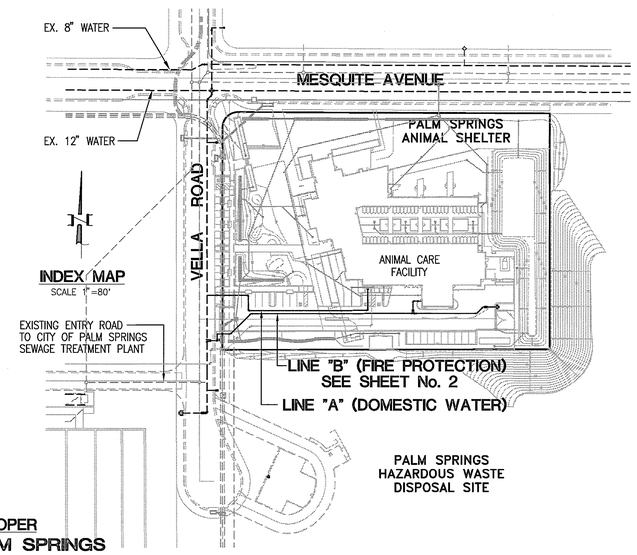
INSPECTOR: _____ DATE: _____

PRIVATE CONSTRUCTION NOTES & ESTIMATED QUANTITIES

NOTE: THESE ESTIMATES ARE FOR PERMIT USE ONLY. THE CONTRACTOR IS REQUIRED TO PREPARE HIS OWN ESTIMATES FOR THE PURPOSE OF BIDDING.

#	PRIVATE PRECISE GRADING, PAVING IMPROVEMENT PLAN	ESTIMATED AMOUNT	ACTUAL AMOUNT
6	INSTALL 8" C900, CL200 PVC WATER MAIN FOR FIRE PROTECTION SERVICE	272 LF.	LF.
7	INSTALL 8"x8"x6" DUCTILE IRON TEE	1 EA.	EA.
8	INSTALL 6" DUCTILE IRON GATE VALVE	2 EA.	EA.
9	INSTALL 6' FIRE HYDRANT (WET BARREL) PER DWA STD. DWG. W113	1 EA.	EA.
10	INSTALL 8"x45° DUCTILE IRON ELBOW	2 EA.	EA.
11	INSTALL 8"x6" DUCTILE IRON ECCENTRIC REDUCER	1 EA.	EA.
12	INSTALL 6" C900, CL200 PVC WATER MAIN FOR FIRE PROTECTION SERVICE	137 LF.	LF.
13	INSTALL 6"x45° DUCTILE IRON ELBOW	2 EA.	EA.
15	INSTALL 2 1/2" SDR 21, PVC DOMESTIC WATER MAIN	239 LF.	EA.
16	INSTALL 2 1/2"x90° SDR 21, PVC ELBOW	3 EA.	EA.
19	INSTALL 6" FDC WITH 4 WAY THREADED CONNECTION	3 EA.	EA.
20	INSTALL 8"X90° DUCTILE IRON ELBOW	1 EA.	EA.
21	INSTALL 6"X90° C900, CL200 PVC ELBOW	1 EA.	EA.

NOTE: ALL INSTALLATION SHALL BE PER NFPA 24, 2007 EDITION



OWNER / DEVELOPER

CITY OF PALM SPRINGS

3200 E. TAHQUITZ CANYON WAY
PALM SPRINGS, CA 92262
PHONE (760) 323-8253
FAX (760) 323-8253

CLARIFICATION OF FITTINGS

1. FITTINGS ON DUCTILE IRON MAIN TO BE DUCTILE IRON CML.
2. FITTINGS CONNECTED TO FLANGED VALVES OR STEEL PIPE MUST BE FLANGED (C-110).
3. FITTINGS ON DUCTILE IRON MAIN LINE APPURTENANCES (I.E. HYDRANTS, ETC.) WITH NO IN-LINE VALVES MAY BE PUSH-ON x PUSH-ON x FLANGE.
4. ALL PUSH-ON FITTINGS MUST BE TYTON INTERCHANGEABLE (C-153).

NOTES

ALL DUCTILE IRON MAINS 12" AND SMALLER SHALL BE CLASS 350. ALL DUCTILE IRON MAINS SHALL BE PROVIDED WITH AN ASPHALTIC EXTERIOR COATING, DOUBLE THICKNESS CML, WITH NO TAPER, AND NO INTERIOR SEAL COATING. JOINTS SHALL BE PUSH-ON RUBBER GASKETS AND TYTON INTERCHANGEABLE.

ALL 12" DUCTILE IRON MAINS WITHIN THIS PROJECT SHALL BE INSTALLED WITH RESTRAINED JOINTS PER DWA STANDARD DRAWING W139.

THE CONTRACTOR SHALL BE REQUIRED TO POTHOLE ALL UTILITY CROSSINGS AND POINTS OF CONNECTION. ALL POTHOLING FIELD NOTES AND/OR PLAN REVISIONS SHALL BE SUBMITTED TO DWA AND THE DESIGN ENGINEER AT LEAST 10 WORKING DAYS PRIOR TO CONSTRUCTION.

ALL ACCOUNT NUMBERS SHOWN ARE PREFIXED BY 4519-_____.

BASIS OF BEARINGS:

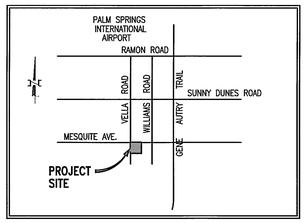
THE BASIS OF BEARINGS FOR THIS PLAN IS THE CENTERLINE OF GENE AUTRY TRAIL SHOWN AS NORTH 00°10'13" WEST, AS SHOWN BY TRACT MAP NO. 23760, M.B. 224/1-2.

UTILITY PURVEYORS

SOUTHERN CALIFORNIA EDISON	(760) 202-4248
TIME WARNER CABLE	(760) 674-5472
VERIZON COMPANY (TELEPHONE)	(760) 864-1720
SOUTHERN CALIFORNIA GAS COMPANY	(909) 335-7507
CITY OF PALM SPRINGS (SEWER) C/O VEOLIA WATER	(760) 323-8166
DESERT WATER AGENCY	(760) 323-4971
PALM SPRINGS FIRE DEPARTMENT	(7600 323-1842

SHEET INDEX

1. TITLE SHEET / SHEET INDEX
2. LINE "A" (DOMESTIC WATER & FIRE PROTECTION)



VICINITY MAP

NOT TO SCALE

Dig Safely
DIAL TOLL FREE
1-800-227-2600
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

UNDERGROUND UTILITIES

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED OR SHOWN ON THE RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OR CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

* CONTRACTOR TO VERIFY EXISTING ELEVATION AND LOCATION PRIOR TO CONSTRUCTION

SYM	REVISIONS	DATE	APPROVED

BENCH MARK: CANCER — ELEVATION: 365.700

LOCATION:
2-1/2" BRONZE DISC STAMPED "C.P.S. B.M. CANCER RESET 1979", SET IN N.E. COR. OF WALKWAY AT THE ADMINISTRATION BUILDING OF THE WASTER WATER TREATMENT PLANT.

PREPARED UNDER THE DIRECT SUPERVISION OF:
STANLEY C. MORSE
RCE 20596 EXP. 9/30/11
DATE 1-18-10

REGISTERED PROFESSIONAL ENGINEER — STANLEY C. MORSE — No. 20596 — Exp. 9-30-11 — CIVIL — STATE OF CALIFORNIA

HORIZONTAL SCALE: SEE PLAN
VERTICAL SCALE: N/A
DESIGNED BY: MDS
DRAWN BY: MDS
CHECKED BY: MDS

CITY OF PALM SPRINGS
APPROVED FOR LOCATION ONLY
CITY ENGINEER _____ DATE _____
RCE _____ EXP _____

CITY OF PALM SPRINGS FIRE DEPARTMENT
APPROVED – SUBJECT TO FIELD INSPECTION
FIRE MARSHAL _____ DATE _____

DESERT WATER
APPROVED:
GENERAL MANAGER _____ DATE _____
CHECKED & RECOMMENDED BY:
ASST. GENERAL MANAGER _____ DATE _____
OPERATIONS ENGINEER _____ DATE _____
THIS APPROVED PLAN IS VOID ONE YEAR AFTER DATE SIGNED BY THE GENERAL MANGER

DESERT WATER
1200 GENE AUTRY TRAIL SOUTH, PALM SPRINGS, CA 92262 (760) 323-4971

IN THE CITY OF PALM SPRINGS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
DOMESTIC WATER IMPROVEMENT PLAN
PALM SPRINGS ANIMAL CARE FACILITY
TITLE SHEET / SHEET INDEX

SHEET 1 OF 2 SHEETS

NOT FOR CONSTRUCTION

SWATT | MIERS ARCHITECTS
5845 Doyle Street, Suite 104
Emeryville, CA 94608
Tel: 510 985 9779
Fax: 510 985 0116
www.swattmiers.com

JAN 19 2010

PREVAILING WAGE JOB

BID SET

PALM SPRINGS ANIMAL CARE FACILITY
4575 E. MESQUITE AVE.
PALM SPRINGS, CA 92262

CITY OF PALM SPRINGS PROJECT NO. CP. 07-24

APN: 680-020-010

Issue

Rev	Date	By	Description
1	01/18/10	BB	BID SET

Drawn By BJB
Checked By SCM
Job No. 76100
Issue Date 01-18-10
Scale SEE PLAN

Reference North SEE PLAN
Drawing Title
DOMESTIC WATER IMPROVEMENT PLAN TITLE SHEET / SHEET INDEX

C12
Sheet

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