



# CITY OF La Quinta

## "THE GEM OF THE DESERT"

### WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50

CITY OF LA QUINTA PROJECT NO. 2003-09

#### SIX AND RIPING NOTES

- THE CONTRACTOR SHALL RETAIN RESPONSIBILITY TO OBTAIN NECESSARY PERMITS AND APPROVALS FOR ALL IMPROVEMENTS SHOWN ON THESE PLANS, IF ANY NEW STREET IMPROVEMENTS HAVE BEEN INSTALLED BY THE CITY OR A THIRD PARTY WITHIN THE IMMEDIATE VICINITY OF THE IMPROVEMENTS PROPOSED BY THESE PLANS, AS ORIGINALLY APPROVED. ALL COSTS, INCLUDING BUT NOT LIMITED TO DESIGN AND IMPROVEMENT COSTS, INCURRED AS A RESULT OF THE DESIGN REVISIONS SHALL BE BORNE BY THE IMPROVEMENT SPONSORS.
- UPON APPROVAL, THESE PLANS ARE VALID FOR A PERIOD NOT TO EXCEED EIGHTEEN (18) MONTHS FROM DATE OF APPROVAL. THE IMPROVEMENT SPONSOR SHALL BEAR ALL COSTS ASSOCIATED WITH UPDATING THE PLANS, INCLUDING BUT NOT LIMITED TO DESIGN AND IMPROVEMENT COSTS, TO AFFECT COMPLIANCE WITH ANY NEW CITY STANDARDS, ORDINANCES, OR LAWS AND REGULATIONS, ENACTED OR ADOPTED BY THE CITY OR OTHER JURISDICTIONS WITH AUTHORITY SUBSEQUENT TO THE PLAN APPROVAL DATE.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND RIVERSIDE COUNTY STANDARD PLANS, LATEST EDITION, HEREAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS AND STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.
- TRAFFIC STRIPES, RAISED PAVEMENT MARKERS, AND SIGNS, (EXCEPT PAVEMENT LEGENDS), SHALL COMPLY WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, HEREAFTER REFERRED TO AS THE STATE STANDARD SPECIFICATIONS AND STATE STANDARD PLANS.
- PAVEMENT LEGENDS SHALL MATCH CITY-OWNED STENCILS. CALL CITY INSPECTOR AT (760)777-7075 TO MAKE ARRANGEMENTS FOR RENTAL OF CITY STENCILS OR INFORMATION REGARDING MODEL NOS. OF CITY STENCILS.
- RAISED PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS IN SECTION 85 OF THE STATE STANDARD SPECIFICATIONS, ENTITLED PAVEMENT MARKERS. ADHESIVE FOR PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS IN SECTION 95-2.04 OF THE STATE STANDARD SPECIFICATIONS ENTITLED RAPID SET EPOXY ADHESIVE FOR PAVEMENT MARKERS.
- TRAFFIC STRIPES AND MARKERS SHALL BE APPLIED IN TWO COATS, 7-14 DAYS APART, WITH REFLECTORIZED MATERIAL IN BOTH COATS, AND SHALL CONFORM TO SECTION 84-3, ENTITLED PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS.
- ALL TRAFFIC STRIPING AND PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS THAT CONFLICT OR CONFUSE TRAFFIC AS A RESULT OF THE NEWLY INSTALLED WORK SHOWN ON THIS PLAN SHALL BE REMOVED BY WET SANDBLASTING OR GRINDING.
- DEBRIS FROM REMOVAL OPERATION SHALL BE CONTAINED WITHIN THE WORK AREA AND THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT PERSONS AN PROPERTY ADJACENT TO THE SANDBLASTING OPERATIONS. THE DEBRIS RESULTING FROM THE SANDBLASTING SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. DEBRIS WITHIN THE ROADWAY SHALL BE REMOVED BY MECHANICAL SWEEPING OR HIGH-POWER VACUUM.
- SCARRED PAVEMENT SURFACE RESULTING FROM REMOVAL OPERATIONS SHALL BE SEALED WITH ASPHALT PAINT CONFORMING TO SECTION 203-8 OF THE STANDARD SPECIFICATIONS. SCARRED AREAS RESULTING FROM WORK OR GRAPHIC LEGEND REMOVAL SHALL BE FULLY COVERED WITH AN ASPHALT PAINT SQUARE OR RECTANGULAR SHAPE THAT COMPLETELY OBLITERATES THE OLD LEGEND FORM.
- ALL SIGNS SHALL CONFORM TO SECTION 56-2, ENTITLED "ROADSIDE SIGNS," AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. SIGNS SHALL BE REFLECTORIZED SHEET ALUMINUM USING HIGH INTENSITY GRADE SHEETING WITH JMW1160 PROTECTIVE OVERLAY FILM OR APPROVED EQUAL. ALL SIGNS SHALL BE MOUNTED WITH THEFT/VANDAL-PROOF FASTENERS. CONTRACTOR SHALL INSTALL ROADWAY SIGNS AND POSTS PER THE SIGN AND POST SCHEDULE ON THESE PLANS UNLESS OTHERWISE NOTED.
- PER GOVERNMENT CODE SECTION 4216, IF THE WORK IS IN AN AREA WHICH IS KNOWN, OR REASONABLY SHOULD BE KNOWN, TO CONTAIN SUBSURFACE SERVICE ALERT (U.S.A.) AT 1-800-422-4133 AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER AND LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO COMMENCING ANY WORK THAT PENETRATES THE EXISTING SURFACE.
- STRIPING LAYOUT SHALL BE APPROVED BY CITY ENGINEERING DEPARTMENT PRIOR TO APPLICATION OF PERMANENT PAINT. CONTACT THE CITY ENGINEERING DEPARTMENT 48 HOURS PRIOR TO LAYOUT.
- STEEL SIGN POSTS INSTALLED IN CONCRETE AREAS SHALL BE INSTALLED IN PVC SLEEVES TO FACILITATE REPLACEMENT. WOOD SHALL HAVE 12"x12" CONCRETE FILLED BLOCKOUTS AROUND THE POST.

#### PAVING NOTES

- ALL UNDERGROUND FACILITIES, INCLUDING SERVICE LATERALS, SHALL BE IN PLACE WITH TRENCHES COMPACTED AND TESTED PRIOR TO BASE GRADE INSPECTION AND PAVING. THE CONTRACTOR SHALL SUBMIT WRITTEN EVIDENCE TO THE CITY ISSUED BY THE RESPECTIVE UTILITY PURVEYOR INDICATING THE SUBSURFACE PORTION OF THEIR UNDERGROUND FACILITIES HAVE BEEN INSTALLED AND ACCEPTED.
- A SEPARATE PERMIT IS REQUIRED FOR ALL EXCAVATIONS WITHIN EXISTING ROADWAYS AND TRAVELWAYS. LANE CLOSURES AND DETOURS SHALL BE POSTED, DELINEATED AND LIGHTED IN CONFORMANCE WITH THE CALTRANS "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES" AND ANY ADDITIONAL REQUIREMENTS DEEMED NECESSARY BY THE CITY ENGINEER.
- ASPHALT CONCRETE PAVING, EXCEPT FOR OVERLAYS SHALL BE INSTALLED IN TWO (2) OR MORE COURSES WITH MIX DESIGN THAT CONFORM TO SECTION 400 OF THE REVISED STANDARD SPECIFICATIONS, COACHELLA VALLEY VERSION (GREEN BOOK), NOTED AS FOLLOWS:

WEARING COURSE (UPPER COURSE): 8A-C2-AR-4000  
BASE COURSE (LOWER COURSE): 8B-93-AR-4000

THE WEARING COURSE SHALL BE A 0.1 FEET THICK. THE BASE COURSE(S) SHALL CONTAIN THE BALANCE OF THE REQUIRED ASPHALT CONCRETE THICKNESS.

- MIX DESIGN REQUIRED: SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF PAVING OPERATIONS, THE CONTRACTOR SHALL SUBMIT FOR CITY APPROVAL A COMPLETE PROPOSED MIX DESIGN IDENTIFYING THE MIX CHARACTERISTICS SUCH AS: AGGREGATE GRADATIONS, VOIDS IN MINERAL AGGREGATE (VMA), AIR VOIDS, AND S-VALUE FOR VARIOUS OIL CONTENTS FOR EACH MIX.

TO ENSURE TIMELY APPROVAL, THE CONTRACTOR/SUPPLIER IS ENCOURAGED TO REFER TO LA QUINTA'S DESIGN MIX APPROVAL CHECKLIST (FORM F082) TO ENSURE ALL REQUIRED LAB TESTS ARE PERFORMED, CERTIFIED, AND SUBMITTED FOR REVIEW.

- A TACK COAT SHALL BE APPLIED TO EXISTING PAVEMENT, P.C.C. SURFACES AND THE A.C. BASE COURSE, IF TRAFFIC HAS DRIVEN ON IT. THE TACK COAT SHALL BE SLOW SETTING ANIONIC EMULSIFIED ASPHALT TYPE "SS-1H" CONFORMING TO SECTION 203-3 OF THE STANDARD SPECIFICATIONS. THE LIQUID ASPHALT SHALL BE GRADE 60-70 AND APPLIED AT THE RATE OF 0.1 GAL/YD.

- NEW IMPROVEMENTS THAT JOIN EXISTING IMPROVEMENTS SHALL JOIN OR MATCH IN A MANNER SATISFACTORY TO THE CITY ENGINEER. CONSTRUCTION OPERATIONS REQUIRED TO ACHIEVE A SAFE, DURABLE, AESTHETICALLY PLEASANT TRANSITION BETWEEN THE NEW AND EXISTING IMPROVEMENTS MAY INCLUDE SAWING CUTTING, REMOVAL, REPLACEMENT, CAPPING, AND/OR COLD PLANING, AS NEEDED.

- ALL MANHOLES AND VALVE BOX FRAMES SHALL BE ADJUSTED TO FINAL GRADES AFTER PAVEMENT INSTALLATION IS COMPLETED.

- THE CURB SHALL BE ETCHED OR STAMPED SHOWING UTILITY SERVICE LATERAL LOCATIONS AS FOLLOWS: "S" FOR SEWER, "G" FOR GAS, AND "E" FOR ELECTRICAL POWER.

- GEOTECHNICAL BORINGS INDICATE EXISTING AC THICKNESSES:

8.0" AC AT STA 15+35  
5.5" AC AT STA 21+20  
14.0" AC AT STA 27+45  
17.5" AC AT STA 30+50  
14.0" AC AT STA 38+75

#### AFFECTED UTILITIES

COACHELLA VALLEY WATER DISTRICT WATER MANAGEMENT SPECIALIST, P.O. BOX 1058 COACHELLA, CA 92236 JIM WESTON	(760) 398-2651
TIME WARNER CABLE 41725 COOK STREET PALM DESERT, CA 92211	(760) 340-2225
IMPERIAL IRRIGATION DISTRICT P.O. BOX 1080 LA QUINTA, CA 92253	(760) 398-5854
THE GAS COMPANY	(800) 427-2200
VERIZON	(800) 483-4000

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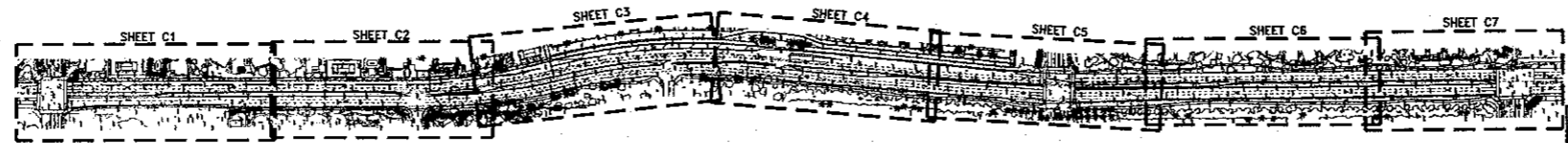
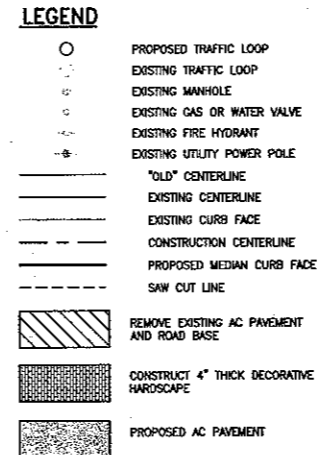
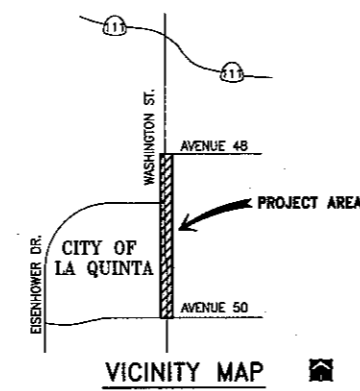
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#### ABBREVIATIONS

ASPH	ASPHALT CONCRETE
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
BC	BEGIN CURVE
BM	BENCH MARK
BW	BOTTOM OF WALL
CB	CATCH BASIN
CL	CENTERLINE
CO	CLEANOUT
CONC	CONCRETE
DIP	DUCTILE IRON PIPE
DWG	DRAWING
E	ELECTRIC
EP	EDGE OF PAVEMENT
EQ	EQUAL
EXST	EXISTING
FF	FINISH FLOOR ELEVATION
FR	FIRE HYDRANT
FL	FLOW-LINE
FOC	FACE OF CURB
FRO	FOR REFERENCE ONLY
G	GAS
GB	GRADE BREAK
GP	GRADING PLAN
HP	HIGH POINT
INV	INVERT
IP	IMPROVEMENT PLAN
MON	SURVEY MONUMENT
PCR	POINT OF CURB RETURN
PL	PROPERTY LINE
POC	POINT OF CONNECTION
PP	POWER POLE
PVC	POLYVINYLCHLORIDE
PVMT	PAVEMENT
RCP	REINFORCED CONCRETE PIPE
RP	RADIUS POINT
RW	RIGHT-OF-WAY
SD	SIDWALK
SDW	STANDARD
STD	STANDARD
T	TELEPHONE
TB	TOP OF BERM
TC	TOP OF CURB
TF	TOP OF FOOTING
TRW	TOP OF RETAINING WALL
TS	TRAFFIC SIGNAL
TW	TELEVISION
TOP	TOP OF WALL
TYP	TYPICAL
VCP	VITRIFIED CLAY PIPE
W	WATER

#### GENERAL NOTES

- LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT UTILITIES OR STRUCTURES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OWNER OR CONTRACTOR TO APPLY TO THE CITY OF LA QUINTA PUBLIC WORKS DEPARTMENT FOR THE NECESSARY PERMITS AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONFORMANCE WITH ALL CITY AND ENVIRONMENTAL REGULATIONS DURING THE COURSE OF CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ADDITIONAL STUDIES AND PERMITS MAY BE REQUIRED.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN THE STATE RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS AS REQUIRED BY THE CITY OF LA QUINTA OR OTHER GOVERNING AGENCIES.
- CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ANY GRADING, BRUSHING OR CLEARING AND EACH PHASE OF CONSTRUCTION AT (760) 777-7075 AND 48 HOURS PRIOR TO REQUIRING INSPECTIONS.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT OR RELOCATION OF ALL REGULATORY, WARNING AND GUIDE SIGNS.
- STREET NAME SIGNS AND TRAFFIC CONTROL SIGNS, TYPE AND LOCATION SHALL BE APPROVED BY THE CITY ENGINEER. TRAFFIC STRIPING, LEGENDS AND PAVEMENT MARKERS, TYPE AND LOCATION SHALL BE APPROVED BY THE CITY ENGINEER.
- THE CONTRACTOR SHALL NOT DISTURB EXISTING SURVEY MONUMENTS OR BENCH MARKS NOTED ON THE PLAN, OR FOUND DURING CONSTRUCTION. REMOVAL AND REPLACEMENT SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 33,996, OR A LICENSED LAND SURVEYOR ONLY.
- CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL BE PERFORMED ONLY DURING THE TIME PERIODS AS FOLLOWS:  
  
OCTOBER 1ST TO APRIL 30TH: MONDAY-FRIDAY 7:00 AM TO 5:30PM  
  
MAY 1ST TO SEPTEMBER 30TH: MONDAY-FRIDAY 6:00 AM TO 7:00 PM  
  
WORK SHALL BE PROHIBITED ANY TIME ON SUNDAYS OR ON FEDERAL HOLIDAYS.
- ALL TRAVELED WAYS MUST BE CLEANED DAILY OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE GRADING OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE CITY ENGINEER.
- ALL CONSTRUCTION AREAS SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS, IN ORDER TO ELIMINATE ANY HAZARDS.
- CONSTRUCTION PROJECTS DISTURBING MORE THAN FIVE ACRES MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNERS/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE WATER RESOURCES CONTROL BOARD (CWRB), PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE. THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM IS A NATIONAL PROGRAM TO CONTROL NON-POINT SOURCE POLLUTANTS CARRIED BY STORM WATER. THE PROGRAM IS IMPLEMENTED AND ENFORCED BY THE STATE WATER RESOURCES CONTROL BOARD.
- THE CITY RETAINS THE RIGHT TO REQUIRE PLAN REVISIONS, AS NECESSARY, SUBSEQUENT TO PLAN APPROVAL, BUT PRIOR TO COMPLETION OF THE IMPROVEMENTS SHOWN ON THESE PLANS, IF ANY NEW STREET IMPROVEMENTS HAVE BEEN INSTALLED BY THE CITY OR A THIRD PARTY WITHIN THE IMMEDIATE VICINITY OF THE IMPROVEMENTS PROPOSED BY THESE PLANS THAT IMPACT THE DESIGN INTEGRITY OF THE IMPROVEMENTS PROPOSED IN THESE PLANS AS ORIGINALLY APPROVED. ALL COSTS, INCLUDING BUT NOT LIMITED TO DESIGN AND IMPROVEMENT COSTS, INCURRED AS A RESULT OF ANY DESIGN REVISIONS SHALL BE BORNE BY THE IMPROVEMENT SPONSORS.
- THESE PLANS ARE VALID FOR A PERIOD NOT TO EXCEED EIGHTEEN (18) MONTHS FROM DATE.



CITY OF LA QUINTA  
Plan Set No.  
05045

#### BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY ARE BASED UPON THE CENTERLINE OF "OLD" WASHINGTON STREET BEING S 00°22'00" E AS SHOWN ON TRACT 3448, MB 58/20-21.

#### BENCHMARK

CO. OF RIVERSIDE ELEV.  
BENCHMARK NO. PD-102-70 43.772

DESCRIPTION:  
4.5 MILES WEST OF JACKSON STREET, INDIO AREA, ON STATE HWY. 111, 2.0 MILES SOUTH ON WASHINGTON STREET, 315.0 FEET WEST ON AVENUE 50, 48.0 FEET NORTH, BEHIND CURB, 8.0 FEET SOUTH OF POWER POLE #720960. FLUSH WITH LAWN.  
IN THE SW 1/4 OF SECTION 31, T5S-R7E, FB 31, PGS 14 & 39. DATE: MAY 9 1970

Underground Service Alert  
Call: TOLL FREE  
1-800  
422-4133  
TWO WORKING DAYS BEFORE YOU DIG.

NO.	DATE	INT.	REVISIONS
1	9/21/03		DELETED GENERAL NOTES 1 & 2 PROJECT SPECS SHALL APPLY

PREPARED UNDER THE SUPERVISION OF:  
DALE ROBERT BATHKE  
R.C.E. 48138 EXP. 06/30/06



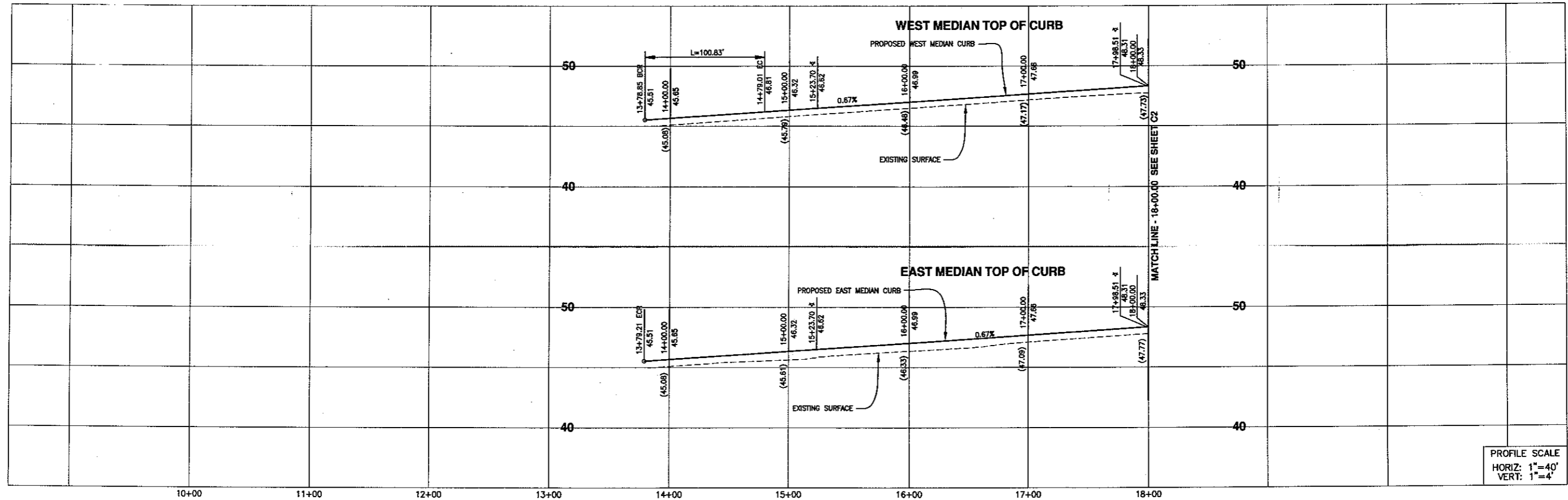
APPROVED BY:  
CITY OF LA QUINTA  
JIMOTHY R. JONSSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE, NO. 45843 EXP. 12/31/06  
3/23/05

PLANS PREPARED BY:  
DAVID EVANS AND ASSOCIATES INC.  
77-682 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.6558

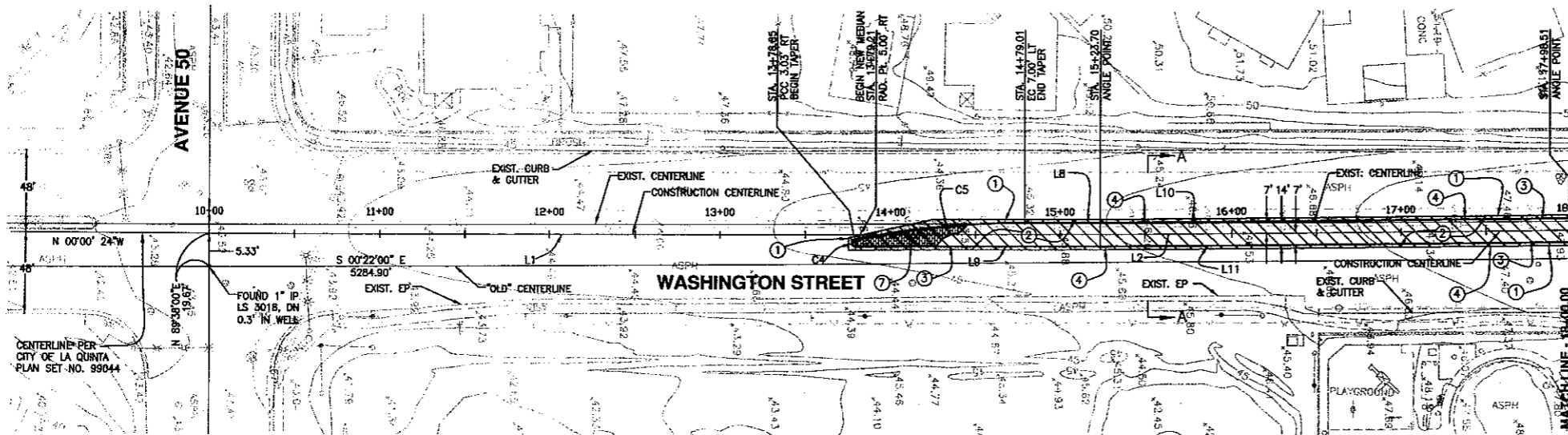
CITY OF LA QUINTA  
COVER SHEET  
FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

DESIGN: KSR  
DRAFT: DXP  
CHECK: KSR  
DATE: 3-14-05  
DWG. No. CLAQ0025  
SHEET: CS

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09



PROFILE SCALE  
 HORIZ: 1"=40'  
 VERT: 1"=4'



CURVE DATA			
No.	R	Δ	T
C4	2.00'	169° 34' 17"	5.92'
C5	508.77'	11° 21' 19"	100.83'

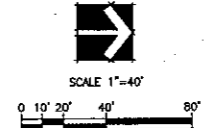
LINE DATA		
No.	DIRECTION	L
L1	N 00°00'24" W	523.70'
L2	N 00°25'18" W	274.81'
L3	N 00°07'33" W	568.33'
L8	N 00°00'24" W	44.67'
L9	N 00°00'24" W	144.52'
L10	N 00°25'18" W	274.80'
L11	N 00°25'18" W	274.81'
L12	N 00°07'33" W	368.01'
L13	N 00°07'33" W	467.78'

**LEGEND**

- EXISTING MANHOLE
- EXISTING GAS OR WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POWER POLE
- "OLD" CENTERLINE
- EXISTING CENTERLINE
- EXISTING CURB FACE
- CONSTRUCTION CENTERLINE
- PROPOSED MEDIAN CURB FACE
- SAW CUT LINE
- REMOVE EXISTING AC PAVEMENT AND ROAD BASE
- CONSTRUCT 4" THICK DECORATIVE HARDSCAPE
- PROPOSED AC PAVEMENT

**CONSTRUCTION NOTES**

- 1 SAW CUT EXISTING ASPHALT.
- 2 REMOVE 12" MINIMUM EXISTING AC PAVEMENT AND AGGREGATE BASE. (SEE PAVING NOTE 9 FOR ASPHALT DEPTHS GREATER THAN 12".)
- 3 CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
- 4 CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
- 5 CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.



CITY OF LA QUINTA  
 Plan Set No.  
 05045

Underground Service Alert  
 Call: TOLL FREE  
 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
 DALE ROBERT BATHKE  
 R.C.E. 48138 EXP. 06/30/06  
 3/16/05

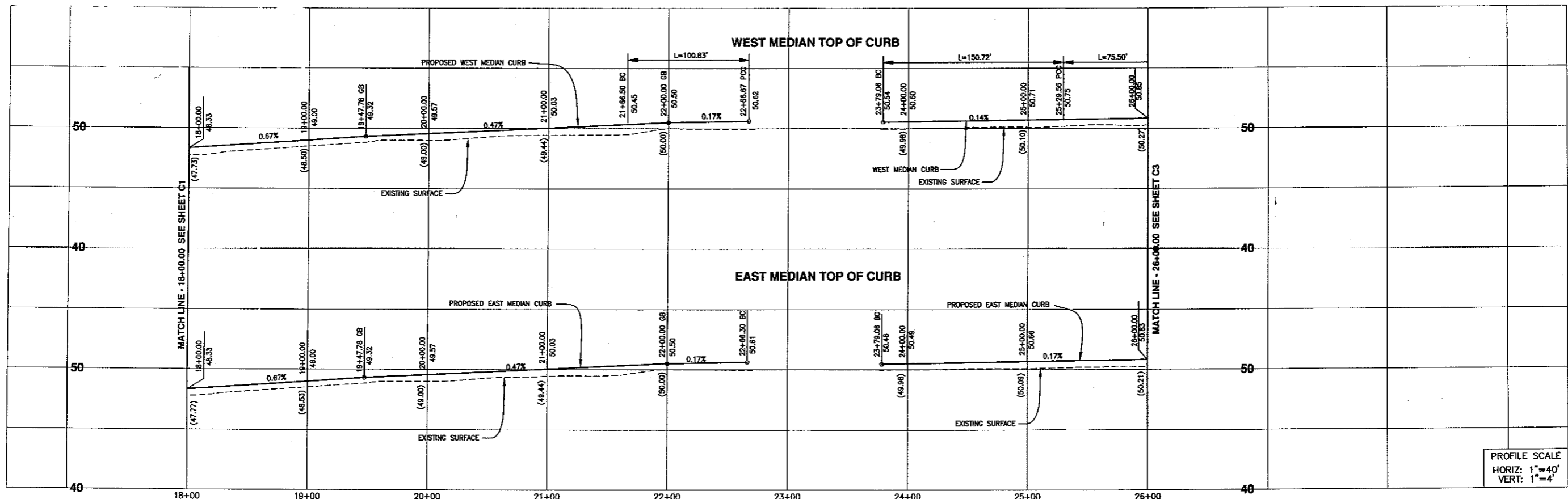


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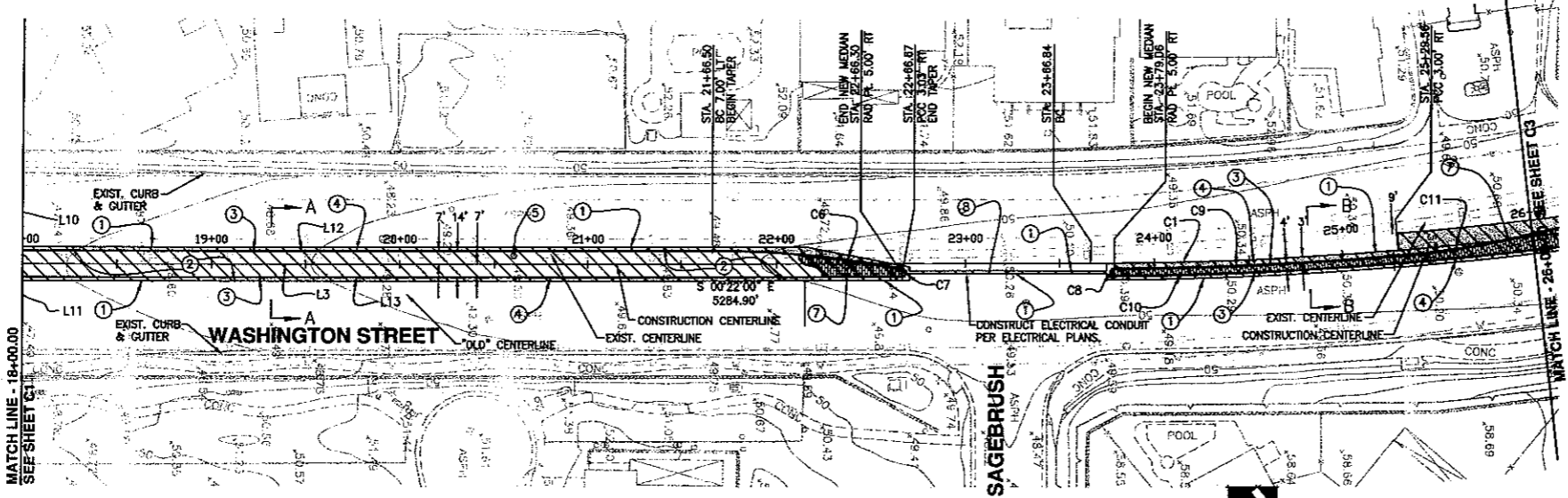
CITY OF LA QUINTA  
 STATION 10+00 TO STATION 18+00  
 FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: SITE  
 DRAFT: ALEE  
 CHECK: GTG  
 DATE: 3-14-05  
 DWG. No. C1



PROFILE SCALE  
 HORIZ: 1"=40'  
 VERT: 1"=4'

- LEGEND**
- EXISTING MANHOLE
  - EXISTING GAS OR WATER VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING UTILITY POWER POLE
  - "OLD" CENTERLINE
  - EXISTING CENTERLINE
  - EXISTING CURB FACE
  - CONSTRUCTION CENTERLINE
  - PROPOSED MEDIAN CURB FACE
  - SAW CUT LINE
  - REMOVE EXISTING AC PAVEMENT AND ROAD BASE
  - CONSTRUCT 4" THICK DECORATIVE HARDSCAPE
  - PROPOSED AC PAVEMENT



**CURVE DATA**

No.	R	Δ	L	T
C1	2100.00'	12° 27' 54"	456.87'	229.34'
C5	508.76'	11° 21' 20"	100.83'	50.58'
C7	2.00'	169° 34' 17"	5.92'	21.92'
C8	2.00'	180° 00' 00"	6.28'	-
C9	2103.00'	04° 06' 22"	150.72'	75.39'
C10	2107.00'	12° 07' 53"	446.13'	223.90'
C11	499.13'	08° 40' 01"	75.50'	37.82'

**LINE DATA**

No.	DIRECTION	L
L2	N 00°25'18" W	274.81'
L3	N 00°07'33" W	568.33'
L10	N 00°25'18" W	274.80'
L11	N 00°25'18" W	274.81'
L12	N 00°07'33" W	368.01'
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  - 3 CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
  - 4 CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
  - 5 ADJUST EXISTING GAS VALVE COVER TO GRADE BY GAS COMPANY.
  - 7 CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.
  - 8 REPAIR UTILITY TRENCH PER CITY OF LA QUINTA STD. DWG. NO. 600 LONGITUDINAL TRENCH DETAIL #2.

Underground Service Alert  
 Call: TOLL FREE  
 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
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 R.C.E. 48138 EXP. 06/30/06  
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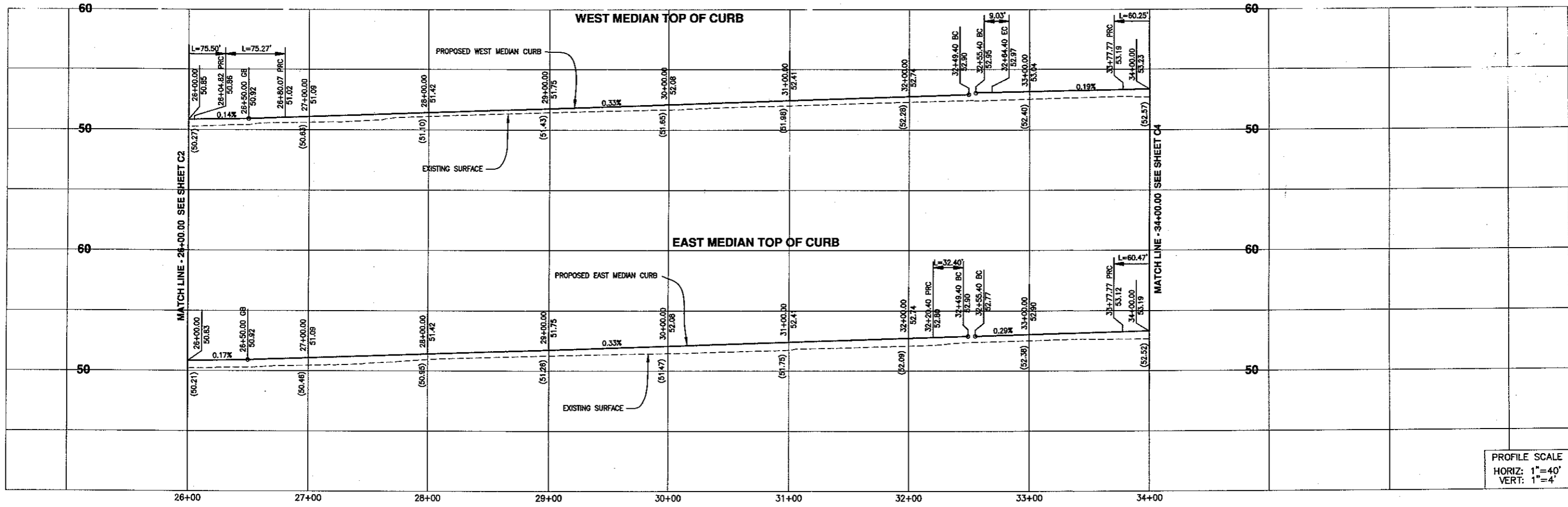
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 JIMOTHY R. JOHNSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO. 45843 EXP. 12/31/06  
 2/23/05

PLANS PREPARED BY:  
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 Palm Desert, CA 92211  
 Phone: 760.772.6598

CITY OF LA QUINTA  
 STATION 18+00 TO STATION 26+00  
 FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

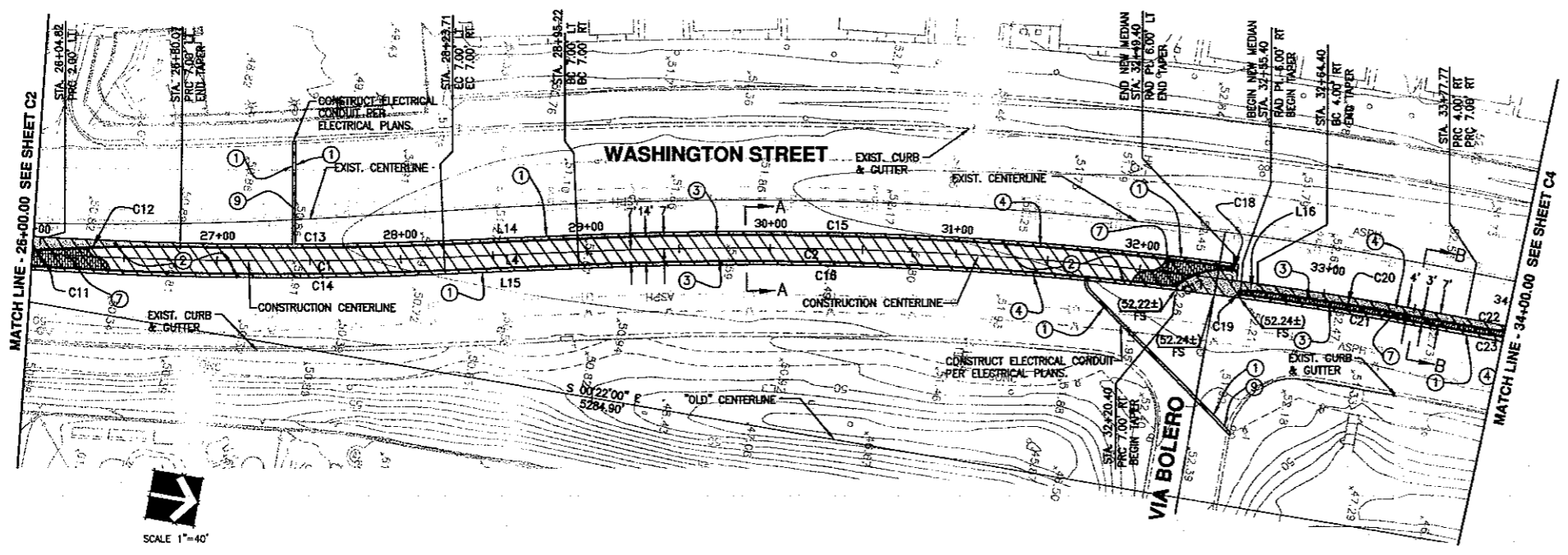
CITY OF LA QUINTA  
 Plan Set No.  
 05015

DESIGN: S/JE  
 DRAFT: A/EE  
 CHECK: G/CH  
 DATE: 3-14-05  
 DWG. No. C2



PROFILE SCALE  
 HORIZ: 1"=40'  
 VERT: 1"=4'

- LEGEND**
- EXISTING MANHOLE
  - EXISTING GAS OR WATER VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING UTILITY POWER POLE
  - "OLD" CENTERLINE
  - EXISTING CENTERLINE
  - EXISTING CURB FACE
  - CONSTRUCTION CENTERLINE
  - PROPOSED MEDIAN CURB FACE
  - SAW CUT LINE
  - REMOVE EXISTING AC PAVEMENT AND ROAD BASE
  - CONSTRUCT 4" THICK DECORATIVE HARDSCAPE
  - PROPOSED AC PAVEMENT



**CURVE DATA**

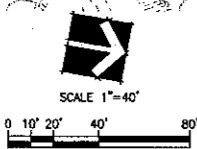
No.	R	Δ	L	T
C1	2100.00'	12° 27' 54"	456.87'	229.34'
C2	2000.00'	18° 10' 38"	634.50'	319.94'
C11	499.13'	08° 40' 01"	75.50'	37.82'
C12	945.40'	04° 33' 43"	75.27'	37.66'
C13	2093.00'	03° 55' 09"	143.18'	71.61'
C14	2107.00'	12° 07' 53"	446.13'	223.90'
C15	2007.00'	10° 08' 48"	355.43'	178.18'
C16	1893.00'	09° 18' 57"	324.04'	162.38'
C17	37.00'	50° 10' 15"	32.40'	17.32'
C18	1.00'	180° 00' 00"	3.14'	-
C19	1.00'	180° 00' 00"	3.14'	-
C20	1996.00'	00° 23' 27"	113.14'	56.59'
C21	1993.00'	03° 30' 20"	121.94'	60.99'
C22	468.98'	07° 21' 40"	60.25'	30.17'
C23	471.92'	07° 21' 59"	60.67'	30.38'

**LINE DATA**

No.	DIRECTION	L
L4	N 12°35'27" W	71.51'
L14	N 12°35'27" W	71.51'
L15	N 12°35'27" W	71.51'
L16	N 08°30'00" W	9.03'

- CONSTRUCTION NOTES**
- ① SAW CUT EXISTING ASPHALT.
  - ② REMOVE 12" MINIMUM EXISTING AC PAVEMENT AND AGGREGATE BASE. (SEE PAVING NOTE 9 FOR ASPHALT DEPTHS GREATER THAN 12".)
  - ③ CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
  - ④ CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
  - ⑤ CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.
  - ⑥ REPAIR UTILITY TRENCH PER CITY OF LA QUINTA STD. DWG. NO. 600 TRANSVERSE TRENCH DETAIL #1.

Emergency Service Alert  
 Call: TOLL FREE  
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 422-4133  
 NO WORKING DAYS BEFORE YOU DIG



CITY OF LA QUINTA  
 Plan Set No.  
 05045

PREPARED UNDER THE SUPERVISION OF:  
 DALE ROBERT BATHKE  
 R.C.E. 48138 EXP. 06/30/06

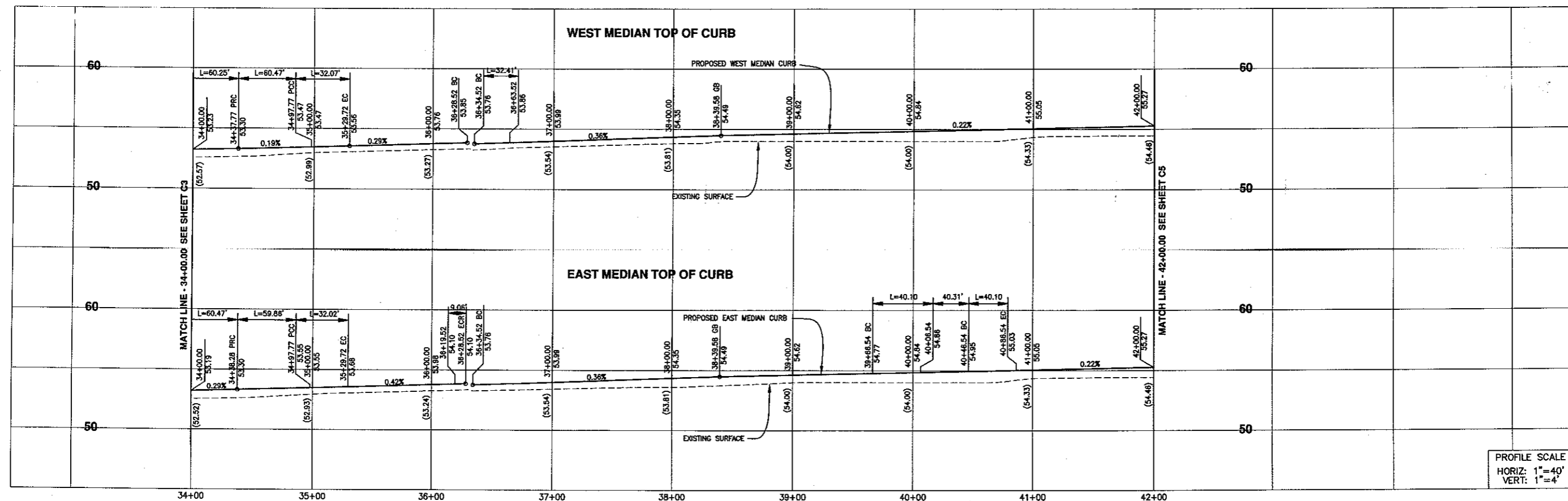


APPROVED BY:  
 CITY OF LA QUINTA  
 Timothy R. Jonasson, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 R.C.E. NO. 45843 EXP. 12/31/06

PLANS PREPARED BY:  
 DAVID EVANS AND ASSOCIATES INC.  
 77-682 Country Club Dr., Suite F2  
 San Diego, CA 92111

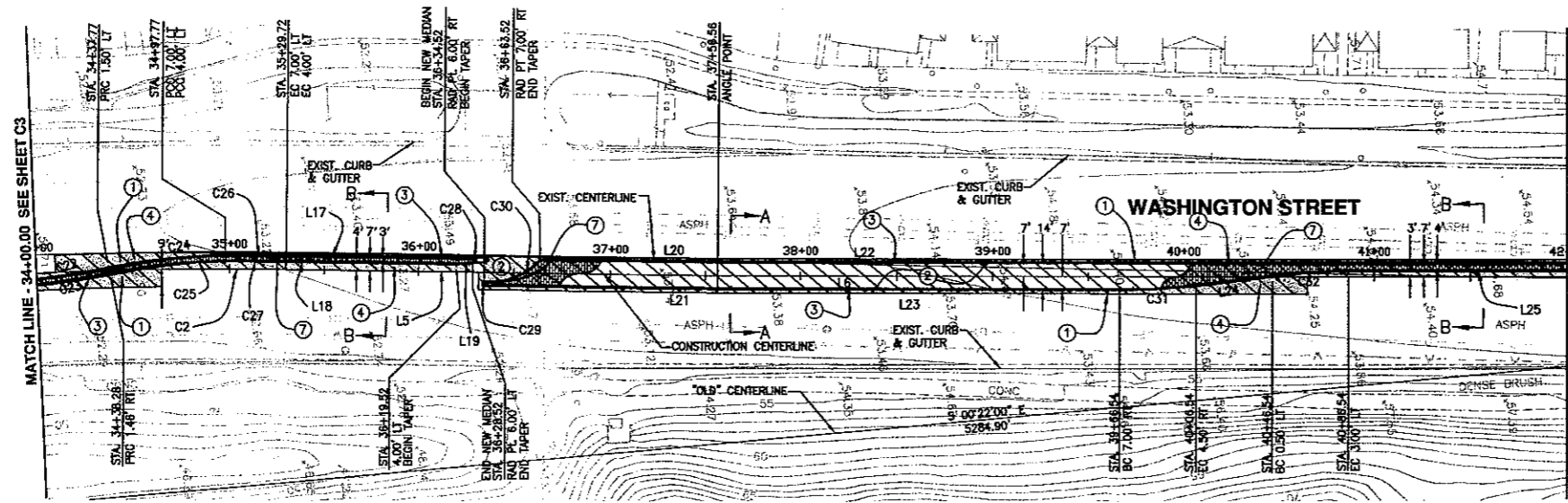
CITY OF LA QUINTA  
 STATION 26+00 TO STATION 34+00  
 WASHINGTON STREET MEDIAN IMPROVEMENTS

DESIGN: SITE  
 DRAFT: ALEE  
 CHECK: GTGI  
 DATE: 3-14-05  
 DWG. No. C3



PROFILE SCALE  
 HORIZ: 1"=40'  
 VERT: 1"=4'

- LEGEND**
- EXISTING MANHOLE
  - EXISTING GAS OR WATER VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING UTILITY POWER POLE
  - "OLD" CENTERLINE
  - EXISTING CENTERLINE
  - EXISTING CURB FACE
  - CONSTRUCTION CENTERLINE
  - PROPOSED MEDIAN CURB FACE
  - SAW CUT LINE
  - REMOVE EXISTING AC PAVEMENT AND ROAD BASE
  - CONSTRUCT 4" THICK DECORATIVE HARDSCAPE
  - PROPOSED AC PAVEMENT



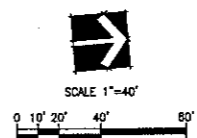
**LINE DATA**

No.	DIRECTION	L
L5	N 05°35'11" E	226.84'
L6	N 04°59'42" E	453.98'
L17	N 05°35'11" E	98.80'
L18	N 05°35'11" E	89.80'
L19	N 00°45'14" W	9.06'
L20	N 05°35'11" E	93.00'
L21	N 05°35'11" E	122.08'
L22	N 04°59'42" W	453.95'
L23	N 04°59'42" E	210.02'
L24	N 02°07'48" E	40.31'
L25	N 04°59'42" W	124.00'

**CURVE DATA**

No.	R	Δ	L	T
C2	2000.00'	18° 10' 38"	634.50'	319.94'
C22	468.98'	07° 21' 40"	60.25'	30.17'
C23	471.92'	07° 21' 59"	60.67'	30.38'
C24	320.85'	10° 47' 51"	60.47'	30.32'
C25	317.88'	10° 47' 25"	59.86'	30.02'
C26	2007.00'	00° 54' 56"	32.07'	16.03'
C27	2004.00'	00° 54' 56"	32.02'	16.01'
C28	1.00'	180° 00' 00"	3.14'	-
C29	1.00'	180° 00' 00"	3.14'	-
C30	37.00'	50° 11' 23"	32.41'	17.33'
C31	319.64'	07° 11' 20"	40.10'	20.08'
C32	319.64'	07° 11' 20"	40.10'	20.08'

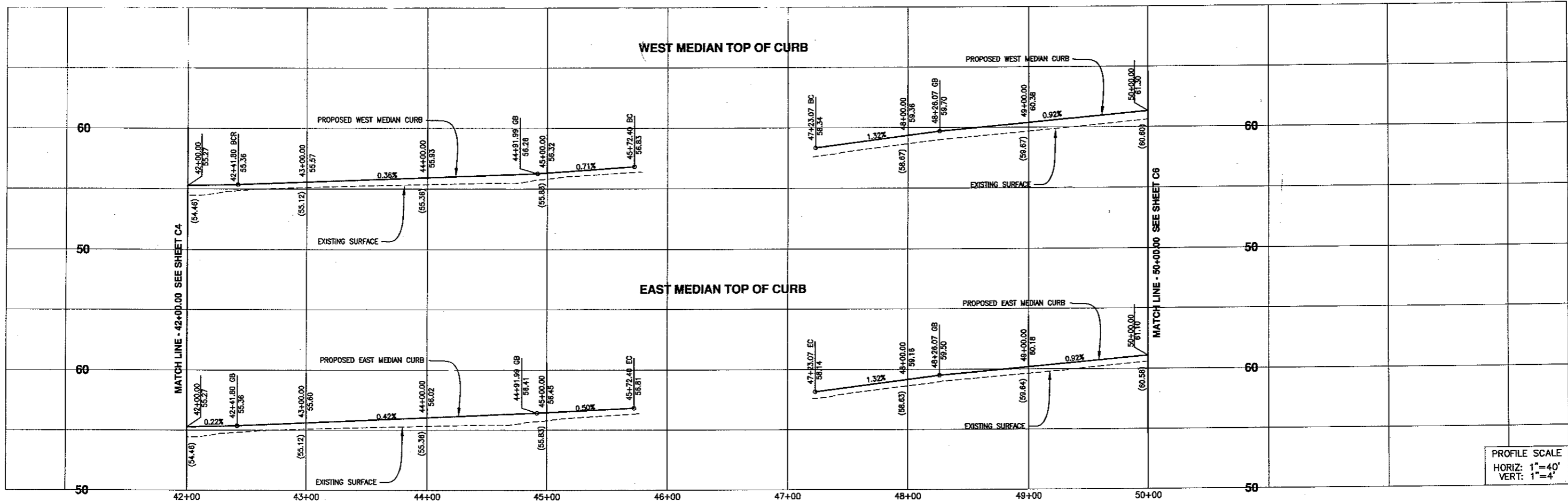
- CONSTRUCTION NOTES**
- 1 SAW CUT EXISTING ASPHALT.
  - 2 REMOVE 12" MINIMUM EXISTING AC PAVEMENT AND AGGREGATE BASE. (SEE PAVING NOTE 9 FOR ASPHALT DEPTHS GREATER THAN 12".)
  - 3 CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
  - 4 CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
  - 7 CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.



**Underground Service Alert**  
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 TWO WORKING DAYS BEFORE YOU DIG

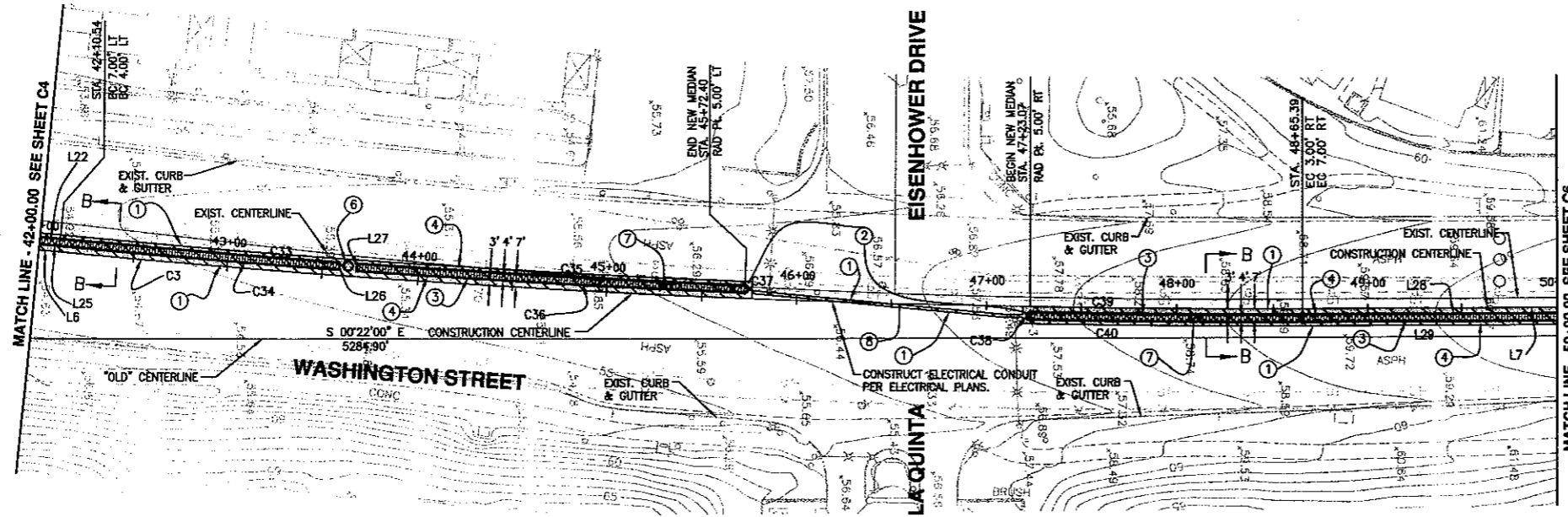
CITY OF LA QUINTA  
 Plan Set No.  
 05015

<p>REFERENCES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>INT.</th> <th>REVISIONS</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	INT.	REVISIONS	APPR. DATE						<p>PREPARED UNDER THE SUPERVISION OF:</p> <p><i>[Signature]</i>          DALE ROBERT BATHKE          R.C.E. 48138 EXP. 06/30/06</p>	<p>APPROVED BY:</p> <p><i>[Signature]</i>          JIMOTHY K. JOHNSON, P.E.          PUBLIC WORKS DIRECTOR/          CITY ENGINEER          R.C.E. NO 45843 EXP 12/31/06          DATE: 3/23/05</p>	<p>PLANS PREPARED BY:</p> <p><b>DAVID EVANS AND ASSOCIATES INC.</b>          77-682 Country Club Dr., Suite F2          Palm Desert, CA 92211          Phone: 760.772.6558</p>	<p><b>CITY OF LA QUINTA</b></p> <p><b>STATION 34+00 TO STATION 42+00</b></p> <p>FOR: <b>WASHINGTON STREET MEDIAN IMPROVEMENTS</b>          AVENUE 48 TO AVENUE 50</p>	<p>DESIGN: ALEE          DRAFT: ALEE          CHECK: STCH          DATE: 3-14-05          DWG. No. C4</p>
NO.	DATE	INT.	REVISIONS	APPR. DATE											



PROFILE SCALE  
 HORIZ: 1"=40'  
 VERT: 1"=4'

- LEGEND**
- EXISTING MANHOLE
  - EXISTING GAS OR WATER VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING UTILITY POWER POLE
  - "OLD" CENTERLINE
  - EXISTING CENTERLINE
  - EXISTING CURB FACE
  - CONSTRUCTION CENTERLINE
  - PROPOSED MEDIAN CURB FACE
  - SAW CUT LINE
  - REMOVE EXISTING AC PAVEMENT AND ROAD BASE
  - CONSTRUCT 4" THICK DECORATIVE HARDSCAPE
  - PROPOSED AC PAVEMENT



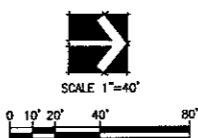
**LINE DATA**

No.	DIRECTION	L
L6	N 04°59'42" W	453.98'
C33	6993.00'	01° 12' 50"
L7	N 00°21'54" W	1432.17'
L22	N 04°59'42" W	302.96'
L25	N 04°59'42" W	124.00'
L26	N 86°13'08" W	4.00'
L27	N 86°17'33" W	4.00'
L28	N 00°21'54" W	345.09'
L29	N 00°21'54" W	1352.43'

**CURVE DATA**

No.	R	Δ	L	T
C3	7000.00'	05° 21' 36"	654.85'	327.66'
C33	6993.00'	01° 12' 50"	148.15'	74.08'
C34	6997.00'	01° 12' 50"	148.23'	74.12'
C35	6993.00'	01° 40' 28"	204.35'	102.18'
C36	6997.00'	01° 40' 28"	204.47'	102.24'
C37	2.00'	180° 00' 00"	6.28'	-
C38	2.00'	180° 00' 00"	6.28'	-
C39	7003.00'	01° 09' 54"	142.39'	71.20'
C40	7007.00'	01° 09' 54"	142.47'	71.24'

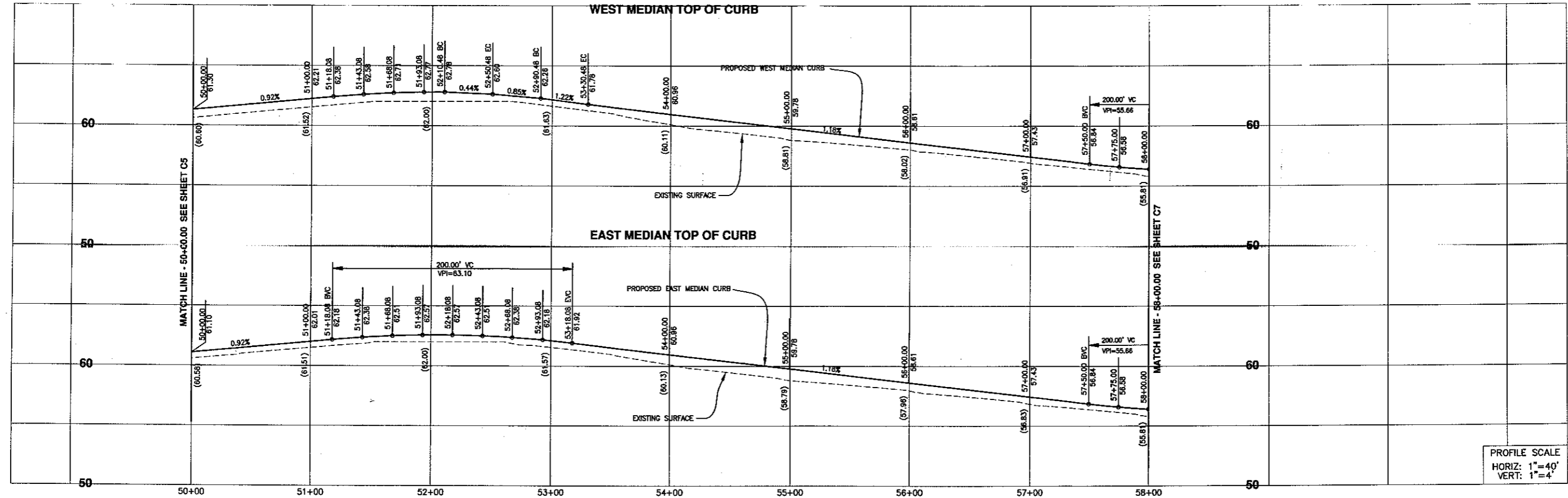
- CONSTRUCTION NOTES**
- 1 SAW CUT EXISTING ASPHALT.
  - 2 REMOVE 12" MINIMUM EXISTING AC PAVEMENT AND AGGREGATE BASE. (SEE PAVING NOTE 9 FOR ASPHALT DEPTHS GREATER THAN 12".)
  - 3 CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
  - 4 CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
  - 6 ADJUST EXISTING TELEPHONE MANHOLE TO GRADE BY UTILITY PURVEYOR.
  - 7 CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.
  - 8 REPAIR UTILITY TRENCH PER CITY OF LA QUINTA STD. DWG. NO. 600 LONGITUDINAL TRENCH DETAIL #2.



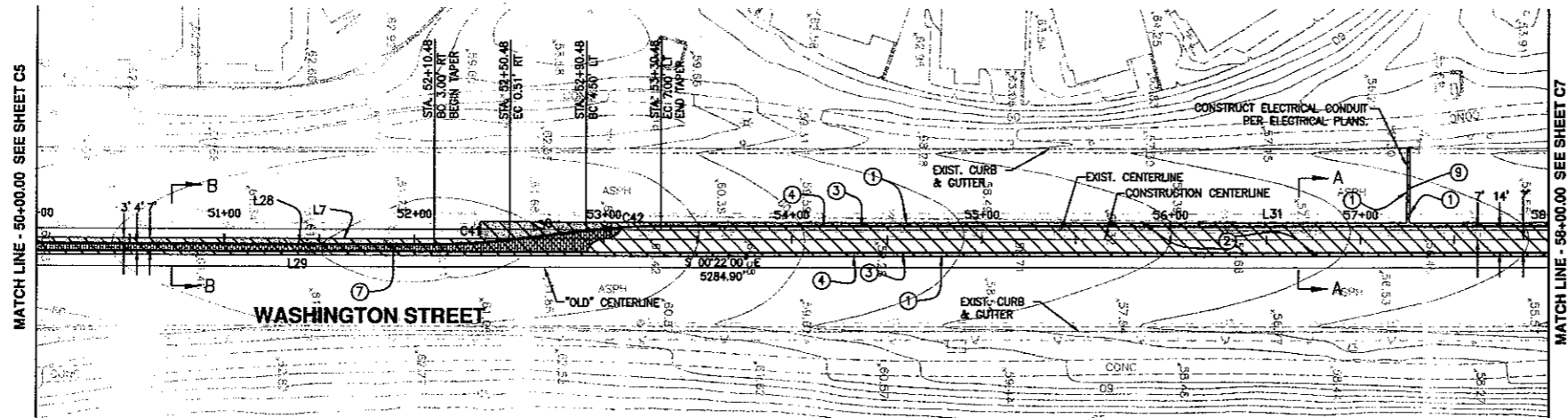
Underground Service Alert  
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 1-800-422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

CITY of LA QUINTA  
 Plan Set No.  
 0505

<p>PREPARED UNDER THE SUPERVISION OF:</p> DALE ROBERT BAIHKE R.C.E. 48138 EXP. 06/30/06	<p>APPROVED BY:</p> TIMOTHY R. JONASSON, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER RCE NO 45843 EXP 12/31/08	<p>PLANS PREPARED BY:</p> DAVID EVANS AND ASSOCIATES, INC. 77-882 Country Club Dr., Suite F2	<p>CITY OF LA QUINTA</p> <p>STATION 42+00 TO STATION 50+00</p> <p>WASHINGTON STREET MEDIAN IMPROVEMENTS</p>	<p>DESIGN: SITE</p> <p>DRAFT: ALF</p> <p>CHECK: DATE: 3-14-05</p> <p>DWG. No. C5</p>
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- LEGEND**
- EXISTING MANHOLE
  - EXISTING GAS OR WATER VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING UTILITY POWER POLE
  - "OLD" CENTERLINE
  - EXISTING CENTERLINE
  - EXISTING CURB FACE
  - CONSTRUCTION CENTERLINE
  - PROPOSED MEDIAN CURB FACE
  - SAW CUT LINE
  - REMOVE EXISTING AC PAVEMENT AND ROAD BASE
  - CONSTRUCT 4" THICK DECORATIVE HARDSCAPE
  - PROPOSED AC PAVEMENT



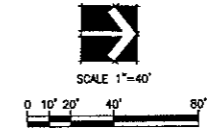
**LINE DATA**

No.	DIRECTION	L
L7	N 00°21'54" W	1432.17'
L28	N 00°21'54" W	345.09'
L29	N 00°21'54" W	1352.43'
L30	N 07°29'24" W	40.38'
L31	N 00°21'54" W	787.55'

**CURVE DATA**

No.	R	Δ	L	T
C41	319.64'	07° 11' 20"	40.10'	20.08'
C42	319.64'	07° 11' 20"	40.10'	20.08'

- CONSTRUCTION NOTES**
- ① SAW CUT EXISTING ASPHALT.
  - ② REMOVE 12" MINIMUM EXISTING AC PAVEMENT AND AGGREGATE BASE. (SEE PAVING NOTE 9 FOR ASPHALT DEPTHS GREATER THAN 12").
  - ③ CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
  - ④ CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
  - ⑤ CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.
  - ⑥ REPAIR UTILITY TRENCH PER CITY OF LA QUINTA STD. DWG. NO. 600 TRANSVERSE TRENCH DETAIL #1.



CITY OF LA QUINTA  
 Plan Set No.  
 05045

Underground Service Alert  
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NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
  
 DALE ROBERT BATHKE  
 R.C.E. 48138 EXP. 05/30/06



APPROVED BY:  
 CITY OF LA QUINTA  
  
 TIMOTHY R. JONASSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 DATE 3/23/05

PLANS PREPARED BY:  
  
 DAVID EVANS  
 AND ASSOCIATES INC.  
 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6558

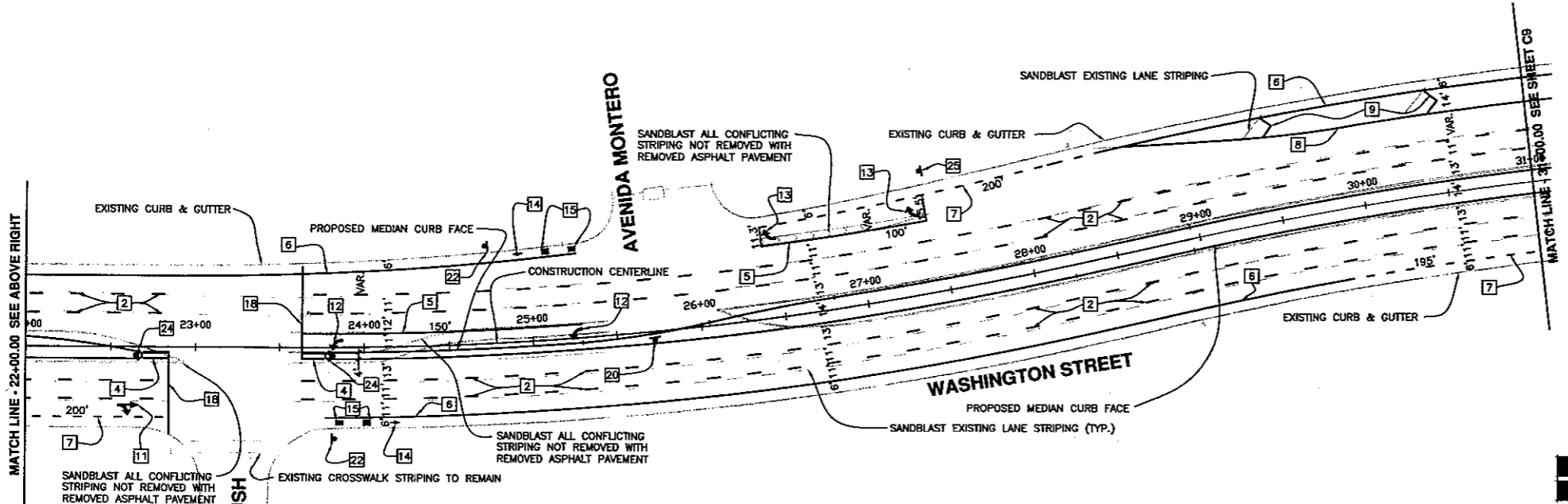
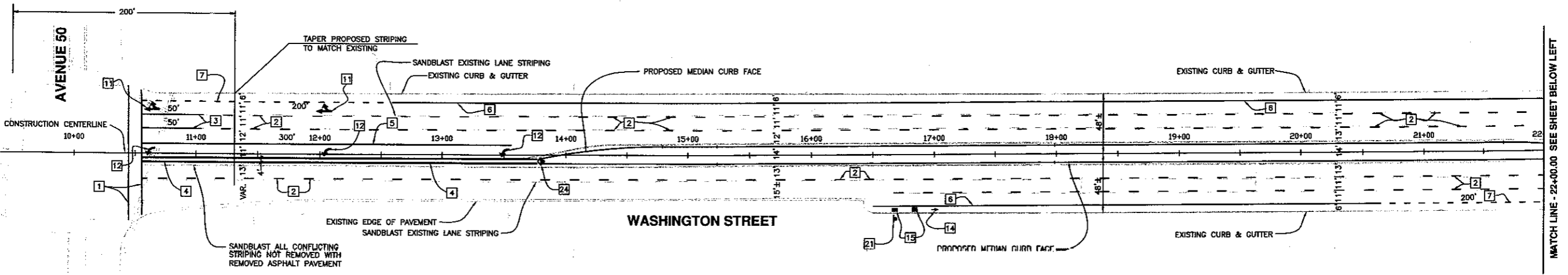
CITY OF LA QUINTA  
 STATION 50+00 TO STATION 58+00  
 FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: SITE  
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 CHECK: GTR  
 DATE: 3-14-05  
 DWG. No. C6



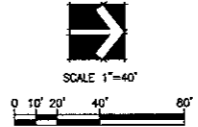


WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09



**SIGNING & STRIPING CONSTRUCTION NOTES**

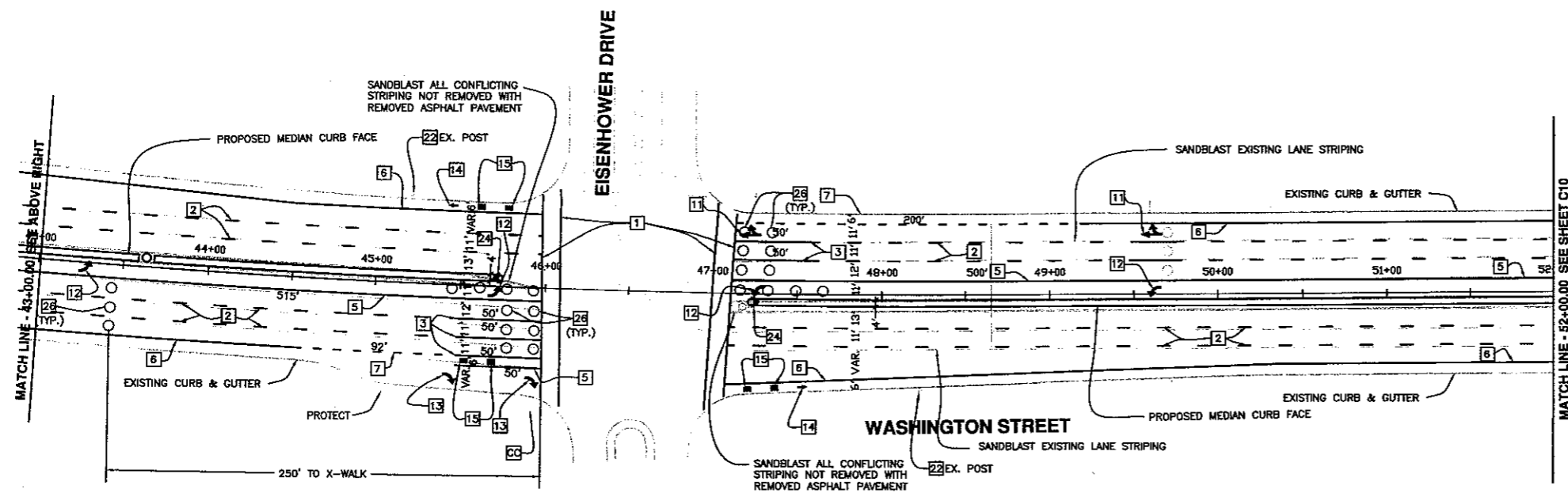
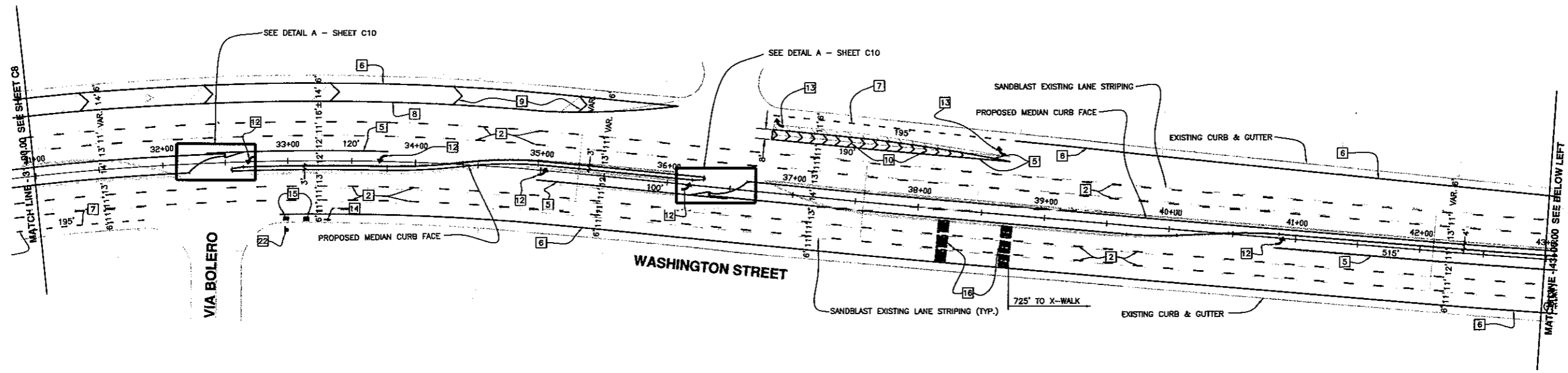
- 1 REPAINT EXISTING 12" WHITE OR YELLOW CROSSWALK PER CALTRANS STD PLAN A24E.
- 2 PAINT 4" WHITE LANELINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20A DETAIL 9.
- 3 PAINT 4" WHITE SOLID LEADLINE.
- 4 PAINT 4" DOUBLE YELLOW MEDIAN ISLAND WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20B DETAIL 29.
- 5 PAINT 8" WHITE CHANNELIZING LINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20D DETAIL 38.
- 6 PAINT 6" WHITE BIKELANE LINE PER CALTRANS STD PLAN A20D DETAIL 39.
- 7 PAINT 6" WHITE INTERSECTION BIKELANE LINE PER CALTRANS STD PLAN A200 DETAIL 39A.
- 8 PAINT 4" WHITE SOLID EDGELINE PER CALTRANS STD PLAN A20B DETAIL 27B.
- 9 PAINT 8" WHITE SOLID DIAGONALS OR CHEVRONS AT 100' ON CENTER.
- 11 PAINT TYPE VII (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 12 PAINT TYPE IV (L) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 13 PAINT TYPE IV (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 14 PAINT BIKELANE PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 15 PAINT WHITE PAVEMENT LEGEND "BIKE LANE" PER CALTRANS STD PLAN A24C.
- 18 PAINT 12" WHITE LIMIT LINE PER CALTRANS STD PLAN A24E.
- 20 INSTALL R6-1 ON 1-3/4", 12 GAUGE TELESAR SIGNPOST PER CITY STANDARD.
- 21 INSTALL R81(CA) & R81A(CA) ON 1-3/4", 12 GAUGE TELESAR SIGNPOST PER CITY STANDARD.
- 22 INSTALL R81(CA) ON 1-3/4", 12 GAUGE TELESAR SIGNPOST PER CITY STANDARD.
- 24 FURNISH AND INSTALL R4-7, OM1-3 ON 1-3/4", 12 GAUGE TELESAR SIGNPOST PER CITY STANDARD.
- 25 FURNISH AND INSTALL R3-7 ON 1-3/4", 12 GAUGE TELESAR SIGNPOST PER CITY STANDARD.



Underground Service Alert  
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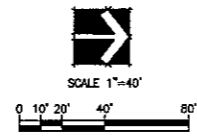
CITY OF LA QUINTA  
 Plan Set No.  
 05045

REFERENCES		NO.		DATE		INT.		REVISIONS		APPR. DATE	
PREPARED UNDER THE SUPERVISION OF:  RICHARD A. HART R.C.E. 39585 DATE: 1/14/05											
APPROVED BY: CITY OF LA QUINTA  TIMOTHY R. DAVIDSON, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER RCE NO. 45843 EXP. 12/31/05 DATE: 3/23/05											
PLANS PREPARED BY:  DAVID EVANS AND ASSOCIATES INC. 77-682 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6568											
CITY OF LA QUINTA STRIPING STA 10+00 TO STA 31+00 FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50										DESIGN: SITE DRAFT: ALEE CHECK: GTGI DATE: 3-14-05 DWG. No. C8	



**STRIPING NOTES**

- 1 REFRESHEN EXISTING 12" WHITE OR YELLOW CROSSWALK PER CALTRANS STD PLAN A24E.
- 2 PAINT 4" WHITE LANELINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20A DETAIL 9.
- 3 PAINT 4" WHITE SOLID LEADLINE.
- 5 PAINT 8" WHITE CHANNELIZING LINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A200 DETAIL 38.
- 6 PAINT 6" WHITE BIKELANE LINE PER CALTRANS STD PLAN A200 DETAIL 39.
- 7 PAINT 6" WHITE INTERSECTION BIKELANE LINE PER CALTRANS STD PLAN A200 DETAIL 39A.
- 8 PAINT 4" WHITE SOLID EDGELINE PER CALTRANS STD PLAN A20B DETAIL 27B.
- 9 PAINT 8" WHITE SOLID DIAGONALS OR CHEVRONS AT 100' ON CENTER.
- 10 PAINT 8" WHITE SOLID DIAGONALS OR CHEVRONS AT 10' ON CENTER.
- 11 PAINT TYPE VII (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 12 PAINT TYPE IV (L) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 13 PAINT TYPE IV (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 14 PAINT BIKELANE PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 15 PAINT WHITE PAVEMENT LEGEND PER CALTRANS STD PLAN A24C 7 A24D.
- 16 INSTALL RAISED BLUE REFLECTIVE MARKER 6" CLEAR OF ADJACENT TRAFFIC STRIPE OR RAISED MEDIAN.
- 22 INSTALL RB1(CA) ON 1-3/4", 12 GAUGE TELESPAR SIGNPOST PER CITY STANDARD.
- 24 FURNISH AND INSTALL R4-7, OM1-3 ON 1-3/4", 12 GAUGE TELESPAR SIGNPOST PER CITY STANDARD.
- 26 INSTALL TYPE "E" TRAFFIC LOOP DETECTOR AND HOME RUN CABLE PER CALTRANS STD PLAN ES-5B.



Underground Service Alert  
 Call: TOLL FREE  
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 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

CITY of LA QUINTA  
 Plan Set No.  
 05055

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
 RICHARD A. HART  
 R.C.E. 38595  
 3/14/05

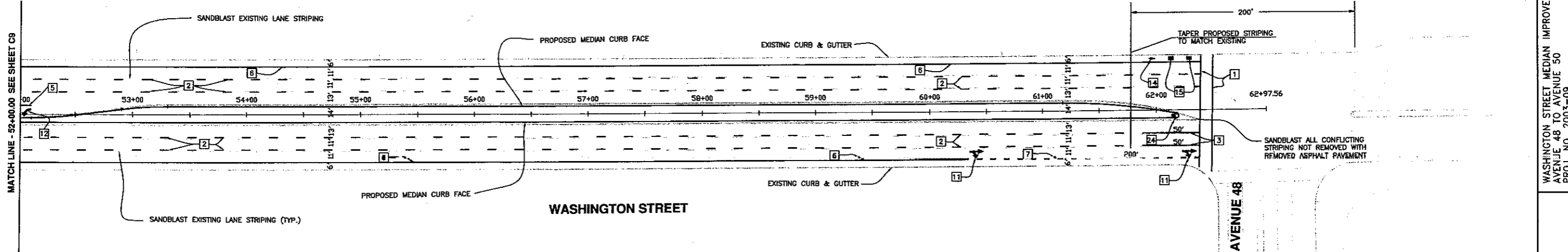
APPROVED BY:  
 CITY OF LA QUINTA  
 TIMOTHY R. DONASSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO. 45843 EXP. 12/31/06  
 3/23/05

PLANS PREPARED BY:  
 DAVID EVANS AND ASSOCIATES INC.  
 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6558

CITY OF LA QUINTA  
 STRIPING STA 31+00 TO STA 52+00  
 FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

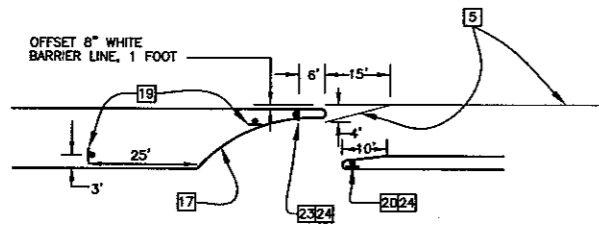
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 CHECK: GTGI  
 DATE: 3-14-05  
 DWS. No. C9

MATCH LINE - 52+00.00 SEE SHEET C9

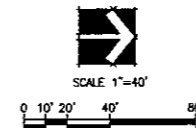


**STRIPING NOTES**

- 1 REFRESHEN EXISTING 12" WHITE OR YELLOW CROSSWALK PER CALTRANS STD PLAN A24E.
- 2 PAINT 4" WHITE LANELINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20A DETAIL 9.
- 3 PAINT 4" WHITE SOLID LEADLINE.
- 5 PAINT 8" WHITE CHANNELIZING LINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20D DETAIL 38.
- 6 PAINT 6" WHITE BIKELANE LINE PER CALTRANS STD PLAN A20D DETAIL 39.
- 7 PAINT 6" WHITE INTERSECTION BIKELANE LINE PER CALTRANS STD PLAN A20D DETAIL 39A.
- 11 PAINT TYPE VII (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 14 PAINT BIKELANE PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
- 15 PAINT WHITE PAVEMENT LEGEND PER CALTRANS STD PLAN A24C 7 A24D.
- 17 INSTALL RAISED READ-CLEAR RETROREFLECTIVE MARKER ON CURB TOP FACING SIDE STREET 5' ON CENTER.
- 19 INSTALL R3-2 ON 1-3/4", 12 GAUGE TELESPEAR SIGNPOST PER CITY STANDARD.
- 20 INSTALL R6-1 ON 1-3/4", 12 GAUGE TELESPEAR SIGNPOST PER CITY STANDARD.
- 23 INSTALL OM2-2H OBJECT MARKER PER CITY STANDARD.
- 24 FURNISH AND INSTALL R4-7, OM1-3 ON 1-3/4", 12 GAUGE TELESPEAR SIGNPOST PER CITY STANDARD.



**DETAIL A**  
NOT TO SCALE



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422-4133  
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CITY OF LA QUINTA  
Plan Set No.  
**05045**

NO.	DATE	INT.	REVISIONS	APPR. DATE

PREPARED UNDER THE SUPERVISION OF:  
*Richard A. Jones*  
RICHARD A. JONES  
R.C.E. 39595  
DATE: 3/14/05

APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Johnson*  
TIMOTHY R. JOHNSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
DATE: 3/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-682 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.8558

CITY OF LA QUINTA  
**STRIPING STA 52+00 TO STA 62+97**  
FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

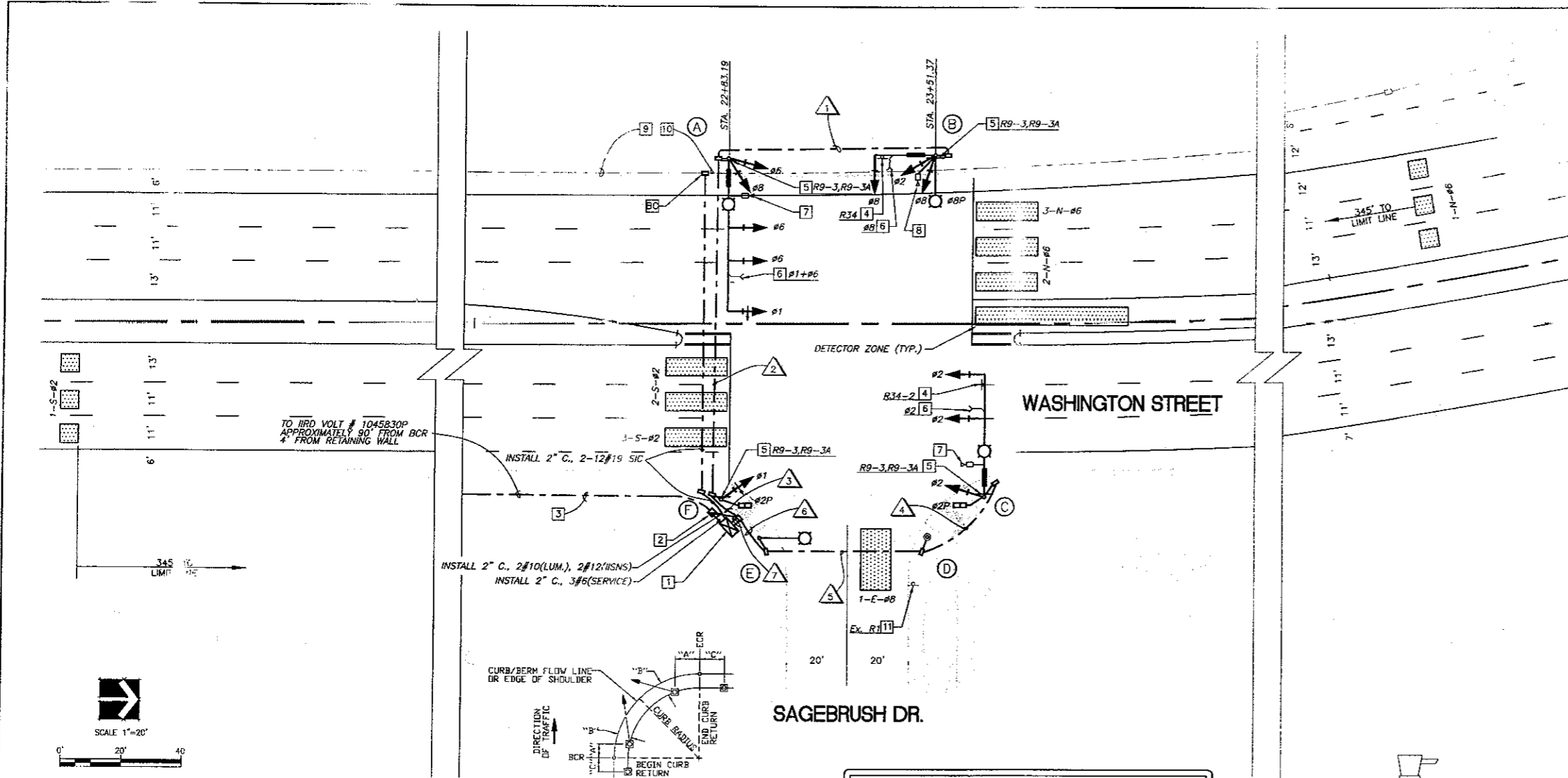
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CHECK: GTG  
DATE: 3-14-05  
DWS. No. C10

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09

**CONSTRUCTION NOTES**

- 1 FURNISH AND INSTALL A NEMA TYPE 1 TYPE "T" CABINET WITH APERTURES. FURNISH AND INSTALL A TYPE "T" SIGNAL CONTROLLER (ECONOLITE ASC/25-2100, ASC/2) TELEMETRY INTERFACE PANEL, APPROXIMATELY 4 CHANNEL OPTICAL EMERGENCY VEHICLE SENSORS, AND AUXILIARY CABLES AND EQUIPMENT NECESSARY TO PERFORM THE OPERATION SHOWN. FURNISH AND INSTALL VIDEO DETECTOR UNDER THE SPECIAL PROVISIONS. TOP OF CABINET FOUNDATION SHALL BE 18 INCHES ABOVE FINISHED GRADE.
- 2 FURNISH AND INSTALL A TYPE III-BF SERVICE EQUIPMENT (ELECTRICAL BREAKERS) AS FOLLOWS:  
METER NO. 1-  
(1) 100 AMP MAIN  
(1) 50 AMP FOR SIGNALS  
(1) 15 AMP FOR ISNS  
(1) 30 AMP FOR SAFETY (EXHIBIT 10-10-03)
- 3 FURNISH AND INSTALL A 3" PVC CONDUIT AND PULL RIBS PER SPECIAL IRRIGATION DISTRICT REQUIREMENTS AS SHOWN. CONTACT TRAVIS MASON (760) 398-5820 TO COORDINATE VAULT ENTRY AND SERVICE ENERGIZATION AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION.
- 4 FURNISH AND INSTALL MAST ARM MOUNTED REGULATORY SIGN PER CITY APPROVED METHOD.
- 5 FURNISH AND INSTALL REGULATORY SIGN AS SHOWN. SIGN SHALL BE POLE MOUNTED PER CITY APPROVED METHOD.
- 6 FURNISH AND INSTALL A CITY APPROVED EMERGENCY VEHICLE PREEMPTION UNIT (EVP) PER MANUFACTURER'S SPECIFICATIONS AS SHOWN. SEE DETAIL "C".
- 7 FURNISH AND INSTALL ECONOLITE AUTOSCOPE VIDEO DETECTION CAMERA OR CITY APPROVED EQUAL PER MANUFACTURER'S SPECIFICATIONS AND AS SHOWN. SEE DETAIL "B".
- 8 FURNISH AND INSTALL A POLE MOUNTED ECONOLITE AUTOSCOPE VIDEO DETECTION CAMERA OR CITY APPROVED EQUAL PER MANUFACTURER'S SPECIFICATIONS.
- 9 EXISTING CONDUIT, INSTALL 12PR #19 SIGNAL INTERCONNECT FROM PROPOSED TRAFFIC SIGNAL CONTROLLER ON SAGEBRUSH DR TO EXISTING TRAFFIC SIGNAL CONTROLLER ON AVENUE 50. CONNECT FOR COMMUNICATION TO THE SATISFACTION OF THE ENGINEER. CONTRACTOR SHALL VERIFY COMMUNICATION BETWEEN MASTER CONTROLLER AND ALL SLAVE CONTROLLERS WITHIN THE SYSTEM AND PER THE SPECIAL PROVISIONS.
- 10 EXISTING CONDUIT, REROUTE EXISTING 12PR #19 SIGNAL INTERCONNECT FROM EXISTING TRAFFIC SIGNAL CONTROLLER AND MASTER CONTROLLER ON EISENHOWER DR TO PROPOSED TRAFFIC SIGNAL CONTROLLER ON SAGEBRUSH DR. CONNECT FOR COMMUNICATION TO THE SATISFACTION OF THE ENGINEER. CONTRACTOR IS TO REMOVE ANY EXCESS 12PR #19 CABLE NOT BEING USED.
- 11 REMOVE AND SALVAGE STREET SIGN FROM POLE AND DELIVER TO CITY YARD.



**ENGINEER'S NOTES:**

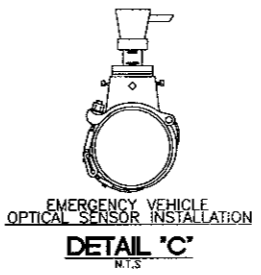
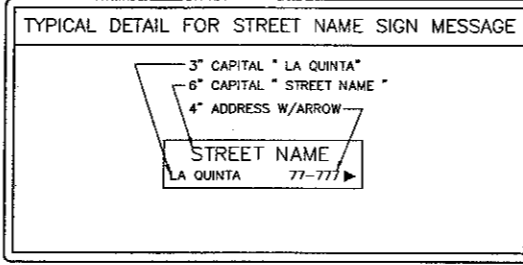
1. ALL SIGNAL HEADS SHALL HAVE 12 INCH LENSES WITH METAL BACK PLATES.
2. ALL RED, YELLOW, AND GREEN INDICATORS SHALL BE LIGHT EMITTING DIODE (LED) PER SPECIAL PROVISIONS.
3. ALL PEDESTRIAN SIGNAL FACES WITH SOLID "RED HAND" SHALL BE PROVIDED WITH LIGHT EMITTING DIODE (LED) PER SPECIAL PROVISIONS.
4. ENTRANCE INTO AND ALL WORK IN EXISTING IID FACILITIES SHALL BE DONE BY AUTHORIZED CONTRACTOR. CONTRACTOR SHALL CONTACT CITY / IID BY OR TO CONSTRUCTION.
5. ALL PEDESTRIAN PUSH BUTTONS SHALL BE NEMA RATED FOR DUST-CONTROLLED EQUIPMENT AND ADA ACCESSIBLE TYPE.
6. PEDESTRIAN SIGNAL HEAD SHALL BE "COUNT DOWN" STYLE PEDESTRIAN HEAD PER SPECIAL PROVISIONS.
7. PROVIDE BATTERY BACKUP WHICH MEETS HIGH TEMPERATURE SPECIFICATIONS AS APPROVED BY CITY ENGINEER.
8. CONTRACTOR SHALL ARRANGE FOR FIRE DEPT. TESTING OF THE EVP ALIGNMENT.

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SIGNAL STANDARD PLACEMENT DIMENSIONS AND EQUIPMENT LOCATIONS  
**DETAIL "A"**  
N.T.S.

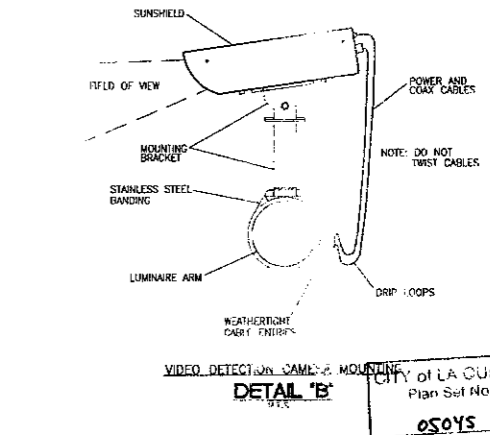
AWG SIZE OR CABLE SIZE	POLE OR CIRCUIT	CONDUIT SIZE											
		1	2	3	4	5	6	7	8	9	10	11	12
12 CSC	POLE - A												
	POLE - B												
	POLE - C												
	POLE - D												
	POLE - E												
	POLE - F												
3 CSC	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12
	LUMINAIRE	2	2	2	2	2	2	2	2	2	2	2	2
#10	SIGNAL COMMON	1	1	1	1	1	1	1	1	1	1	1	1
	TOTAL #10	3	3	3	3	3	3	3	3	3	3	3	3
#12	I.I.S.N.S.	2	2	2	2	2	2	2	2	2	2	2	2
	TOTAL #12	2	2	2	2	2	2	2	2	2	2	2	2
CONDUIT SIZE	VIDEO P/S	1	2	2	1	1	1	1	1	1	1	1	1
	VIDEO C/C	1	2	2	1	1	1	1	1	1	1	1	1
	3M MODEL 138 EVP	1	2	2	1	1	1	1	1	1	1	1	1

ALL CONDUCTORS AND CONDUITS ARE NEW, UNLESS OTHERWISE SHOWN.  
I.I.S.N.S. = INTERNALLY ILLUMINATED STREET NAME SIGN  
CSC = CONDUCTOR SIGNAL CABLE



**PHASE DIAGRAM**

GROUP	GROUP			
	#1	#2	#3	#4
TRUCK	←	→	NOT USED	NOT USED
TRUCK	←	→	←	→
TRUCK	←	→	←	→
TRUCK	←	→	←	→



**POLE AND EQUIPMENT SCHEDULE**

No.	POLE DATA		SIGNAL M.A.	LUMINAIRE			SIGNAL MOUNTING		PED. SIGNAL	PED. PUSH BUTTON	POLE LOCATION SEE DETAIL "A"			I.I.S.N.S.	REMARKS
	TYPE	HEIGHT		M.A.	H.P.S.	MAST ARM	VEHICULAR	A			B	C			
(A)	29A-5-129	35'	50'	15'	200W	3-MAS	SV-2-TA						AS SHOWN	SAGEBRUSH DR	
(B)	17-3-129	30'	20'	15'	200W	MAS	SV-2-TA						AS SHOWN	WASHINGTON ST	
(C)	26A-4-129	35'	40'	15'	200W	2-MAS	SV-1-T	SP-1-T			9.5'	6'		SAGEBRUSH DR	
(D)	PPB POST	40"							2	W-QUAD	11.5'	3'			
(E)	15	30'		12'	200W				2	W-QUAD	14'	6'			
(F)	1-A	10'				TV-1-T		SP-1-T			13.5'	6'		"COUNTDOWN STYLE"	

NOTE: CONTRACTOR SHALL POTHOLE MAST ARM POLE LOCATIONS PRIOR TO INSTALLATION.

APPROVED BY: CITY OF LA QUINTA

PREPARED UNDER THE SUPERVISION OF: RICHARD A. HORT

DATE: 3/23/05

APPROVED BY: JIMOTHY C. JONASON, P.E. PUBLIC WORKS DIRECTOR / CITY ENGINEER

DATE: 3/23/05

PLANS PREPARED BY: DAVID EVANS AND ASSOCIATES INC.

77-682 County Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.6550

NO.	DATE	INT.	REVISIONS	APPR.	DATE

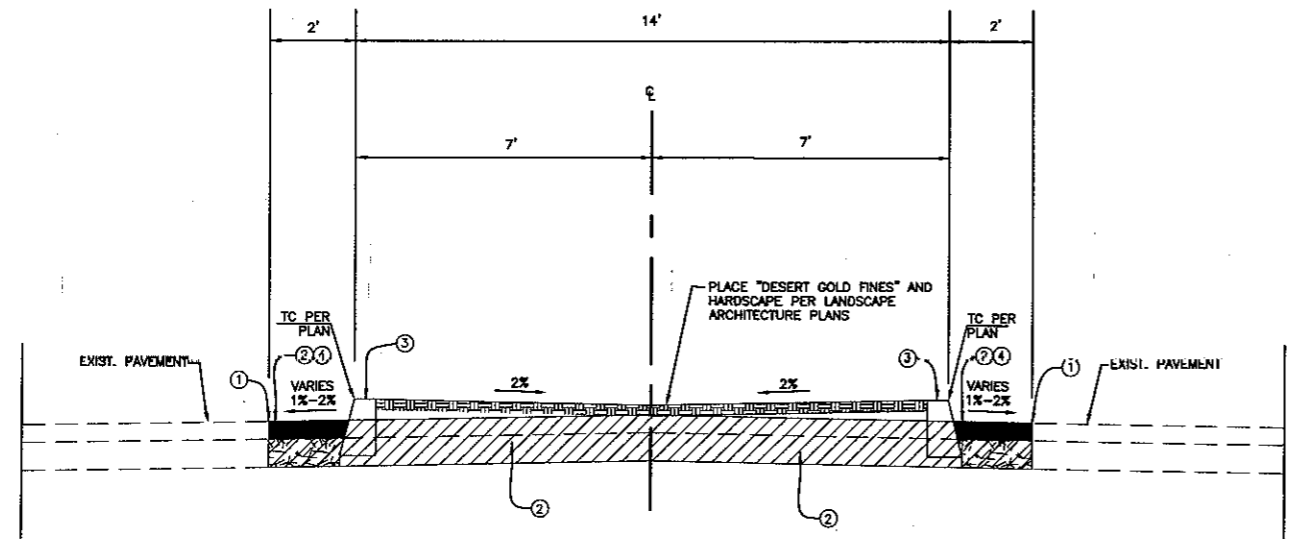
**CITY OF LA QUINTA**

**TRAFFIC SIGNAL INSTALLATION PLAN**

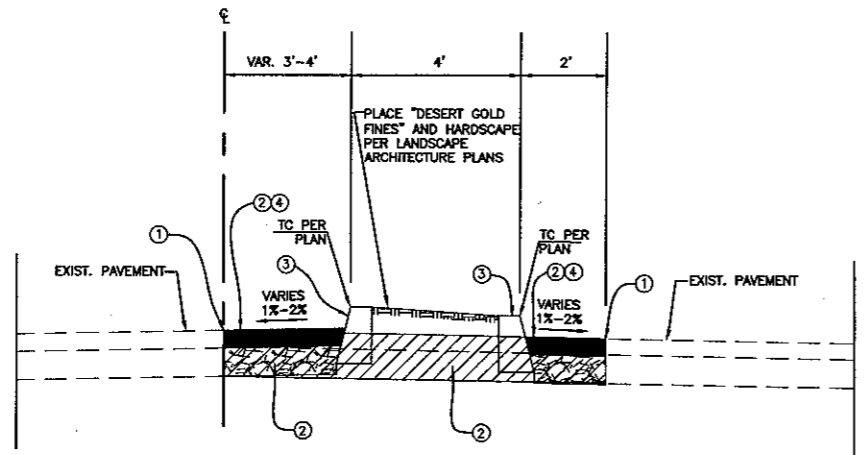
FOR: **WASHINGTON STREET MEDIAN IMPROVEMENTS**  
**AVENUE 48 TO AVENUE 50**

DESIGN: DPA  
CHECK: RAHA  
DATE: 1/21/05  
DWG. NO: **C11**

C:\LA\00025\dwg\SEC\_SHEETS\031.dwg



**SECTION 'A-A'**  
N.T.S.



**SECTION 'B-B'**  
N.T.S.

**CONSTRUCTION NOTES**

- 1 SAW CUT EXISTING ASPHALT.
- 2 REMOVE 12" MINIMUM EXISTING AC PAVEMENT AND AGGREGATE BASE. (SEE PAVING NOTE 9 FOR ASPHALT DEPTHS GREATER THAN 12".)
- 3 CONSTRUCT 6" MEDIAN CURB PER CITY OF LA QUINTA STD. DWG. NO. 210.
- 4 CONSTRUCT 5.5" AC PAVEMENT AND 6.5" CL2 AGGREGATE BASE PER SPEC.
- 5 ADJUST EXISTING GAS VALVE COVER TO GRADE BY GAS COMPANY.
- 6 ADJUST EXISTING TELEPHONE MANHOLE TO GRADE BY UTILITY PURVEYOR.
- 7 CONSTRUCT 4" THICK DECORATIVE CONCRETE PER LANDSCAPE ARCHITECT PLAN.
- 8 REPAIR UTILITY TRENCH PER CITY OF LA QUINTA STD. DWG. NO. 600 LONGITUDINAL TRENCH DETAIL #2.
- 9 REPAIR UTILITY TRENCH PER CITY OF LA QUINTA STD. DWG. NO. 600 TRANSVERSE TRENCH DETAIL #1.

**QUANTITIES**

1	11,500 LF
2	76,700 SF
3	10,500 LF
4	27,300 SF
5	1
6	1
7	8,400 SF
8	390 LF
9	330 LF

**SIGNING + STRIPING CONSTRUCTION NOTES**

- 1 REPAINT EXISTING 12" WHITE OR YELLOW CROSSWALK PER CALTRANS STD PLAN A24E. 940 LF
- 2 PAINT 4" WHITE LANE LINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20A DETAIL 9. 21,000 LF
- 3 PAINT 4" WHITE SOLID LEADLINE. 500 LF
- 4 PAINT 4" DOUBLE YELLOW MEDIAN ISLAND WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20B DETAIL 29. 740 LF
- 5 PAINT 8" WHITE CHANNELIZING LINE WITH RAISED PAVEMENT MARKERS PER CALTRANS STD PLAN A20D DETAIL 38. 2330 LF
- 6 PAINT 6" WHITE BIKE LANE LINE PER CALTRANS STD PLAN A20D DETAIL 39. 7980 LF
- 7 PAINT 6" WHITE INTERSECTION BIKE LANE LINE PER CALTRANS STD PLAN A20D DETAIL 39A. 1570 LF
- 8 PAINT 4" WHITE SOLID EDGE LINE PER CALTRANS STD PLAN A20B DETAIL 27B. 800 LF
- 9 PAINT 8" WHITE SOLID DIAGONALS OR CHEVRONS AT 100' ON CENTER. 200 LF
- 10 PAINT 8" WHITE SOLID DIAGONALS OR CHEVRONS AT 10' ON CENTER. 300 LF
- 11 PAINT TYPE VII (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A. 7
- 12 PAINT TYPE IV (L) PAVEMENT ARROW PER CALTRANS STD PLAN A24A. 15
- 13 PAINT TYPE IV (R) PAVEMENT ARROW PER CALTRANS STD PLAN A24A. 6
- 14 PAINT BIKE LANE PAVEMENT ARROW PER CALTRANS STD PLAN A24A. 7
- 15 PAINT WHITE PAVEMENT LEGEND "BIKE LANE" PER CALTRANS STD PLAN A24C. 8
- 16 PAINT WHITE PAVEMENT LEGEND "SIGNAL AHEAD" PER CALTRANS STD PLAN A24C. 3
- 17 INSTALL RAISED READ-CLEAR RETROREFLECTIVE MARKER ON CURB TOP FACING SIDE STREET 5' ON CENTER. 2
- 18 PAINT 12" WHITE LIMIT LINE PER CALTRANS STD PLAN A24E. 160 LF
- 19 INSTALL R3-2 ON 1-3/4", 12 GAUGE TELES PAR SIGNPOST PER CITY STANDARD. 4
- 20 INSTALL R6-1 ON 1-3/4", 12 GAUGE TELES PAR SIGNPOST PER CITY STANDARD. 3
- 21 INSTALL R81(CA) & R81A(CA) ON 1-3/4", 12 GAUGE TELES PAR SIGNPOST PER CITY STANDARD. 1
- 22 INSTALL R81(CA) ON 1-3/4", 12 GAUGE TELES PAR SIGNPOST PER CITY STANDARD. 5
- 23 INSTALL OM2-2H OBJECT MARKER PER CITY STANDARD. 2
- 24 FURNISH AND INSTALL R4-7, OM1-3 ON 1-3/4", 12 GAUGE TELES PAR SIGNPOST PER CITY STANDARD. 9
- 25 FURNISH AND INSTALL R3-7 ON 1-3/4", 12 GAUGE TELES PAR SIGNPOST PER CITY STANDARD. 1
- 26 INSTALL TYPE "E" TRAFFIC LOOP DETECTOR AND HOME RUN CABLE PER CALTRANS STD PLAN ES-5B. 23

Drawing File: P:\CADD\050525\Draws\EC\Sheets\sheet\_s01.dwg Date/Time: Mar 14, 2006 - 10:08am User: MJG

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CITY OF LA QUINTA  
Plan Set No.  
**05045**

NO.	DATE	INT.	REVISIONS

PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
DALE ROBERT BATHKE  
R.C.E. 48138 EXP. 06/30/06



APPROVED BY:  
CITY OF LA QUINTA  
*[Signature]*  
TIMOTHY E. JONASSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO. 45843 EXP. 12/31/06  
3/23/06  
DATE

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-682 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.6558

**CITY OF LA QUINTA**  
**TYPICAL SECTIONS AND DETAILS**  
FOR: **WASHINGTON STREET MEDIAN IMPROVEMENTS**  
**AVENUE 48 TO AVENUE 50**

DESIGN: SUTE	DRAFT: ALEE
CHECK: GTGI	DATE: 3-14-06
DWG. No. CD1	

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2005-09



**KEY NOTES**

- 1. E.C. IS TO COORD EXACT ROUTING OF CONDUIT WITH LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
- 2. E.C. IS TO CONFIRM PRECISE LOCATION & ORIENTATION OF METER PEDESTAL WITH OWNER PRIOR TO INSTALLING.
- 3. E.C. IS TO PROV METER PEDESTAL AS SHOWN, REF. A.C. SINGLE LINE DIAGRAM, A.C. BREAKER ASSIGNMENTS AND DETAILS FOR FURTHER INFO.
- 4. E.C. IS TO PROVIDE INTERCEPT BOX FOR IID TO INTERCEPT EXISTING SERVICE LATERAL. E.C. IS TO PROVIDE NEW SERVICE LATERAL CONDUIT TO PROPOSED METER PED. E.C. IS TO COORDINATE ELECTRICAL UTILITY REQUIREMENTS WITH IID TO PROVIDE ROUTING, SIZES OF CONDUIT, AND BURIAL DEPTH OF PROPOSED SERVICE LATERAL.
- 5. TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/ REPAIRED AT CONTRACTORS EXPENSE. TYP.
- 6. E.C. IS TO PROVIDE 4" SLEEVE, E.C. IS TO PULL CONDUCTORS AND CONDUIT THROUGH SLEEVE.
- 7. E.C. TO SPOT LUMINAIRE 3'-5' OUT FROM TREE/PLANT BEING LIT. LANDSCAPE ARCH. WILL CONFIRM PLACEMENT PRIOR TO INSTALLATION.
- 8. E.C. IS TO PROVIDE PULLBOX, PULLBOX AND COVER TO BE PIGMENTED TO MATCH COLOR OF PAVERS. COORD. WITH LANDSCAPE ARCH SHEETS. PULLBOX TO BE INSTALLED FLUSH WITH PAVER AND TO BE GROUTED AS NECESSARY TO MATCH UP TO PAVER SURFACE.

CONDUCTOR SCHEDULE				
RUN	CIRCUIT	GROUND	CONDUIT	% FILL
1	2#8	1#12	3/4"	16.28%
2	2#10	1#12	3/4"	9.15%
3	2#12	1#12	3/4"	6.62%
4	2#8 2#12	1#12	3/4"	20.70%
5	2#10 2#12	1#12	3/4"	13.57%
6	4#10 2#12	1#12	3/4"	20.51%
7	2#6	1#12	3/4"	21.79%
8	2#6 2#8 2#12	1#12	1"	24.83%

**ELECTRICAL NOTES AND SYMBOLS**

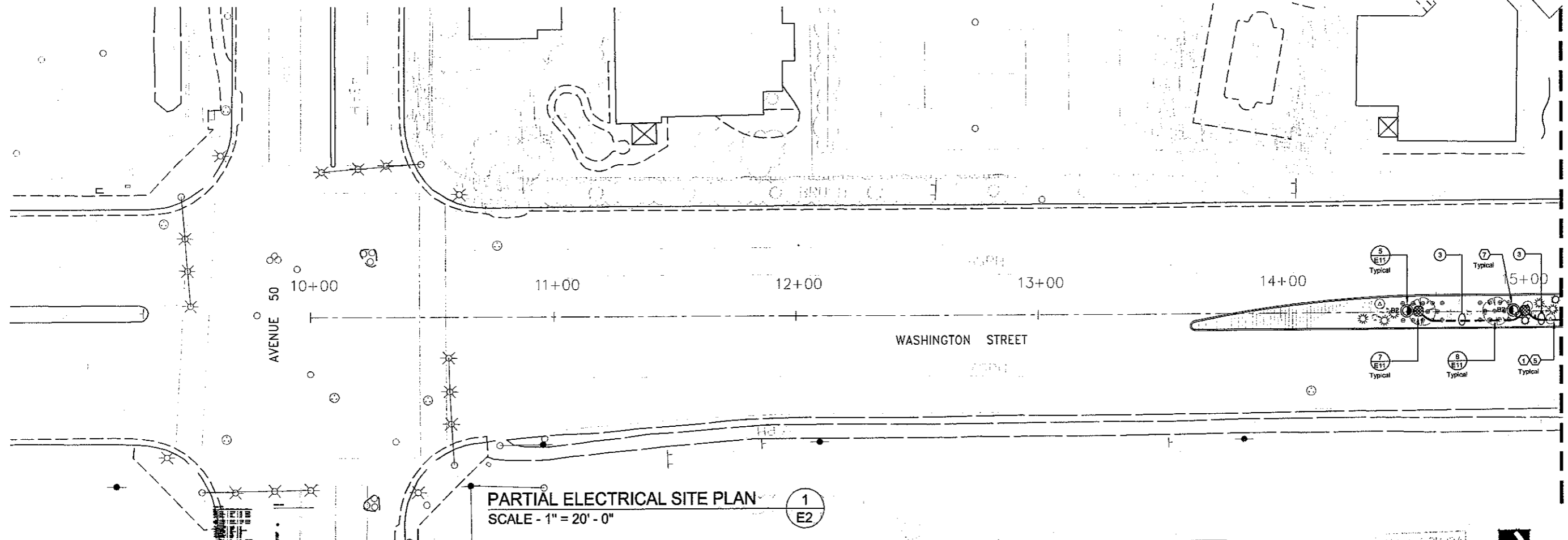
1. ALL WORK TO BE DONE IN ACCORDANCE WITH CALIFORNIA ELECTRICAL CODE 2001 EDITION.
2. ALL UNDERGROUND OUTSIDE BRANCH CIRCUIT AND FEEDER CIRCUITS ARE TO BE RUN IN NONMETALLIC CONDUIT SCHEDULE 40, UNLESS OTHERWISE INDICATED. LISTED FOR UNDERGROUND INSTALLATIONS, UL LISTED AND RATED FOR 90° CONDUCTORS. ALL ELECTRICAL CONDUCTORS RUN EXPOSED, SHALL BE RUN IN EMT CONDUIT SUPPORTED AT 10' INTERVALS AND WITHIN 3' OF TERMINATIONS OR BOXES.
3. ALL ELECTRICAL SYMBOLS PER ANSI Y32.9 1972, REAFFIRMED 1989.
4. ALL NEW ELECTRICAL CONDUCTORS ARE TO BE COPPER. INSULATION FOR #12 TO #1 SHALL BE THWN, #1/0 THROUGH #4/0 SHALL BE TYPE XHHW [55mils], AND #250 MCM AND LARGER SHALL BE TYPE XHHW [65mils]. GROUNDING CONDUCTOR SHALL BE THWN.
5. UTILITIES AND LIGHTING EQUIPMENT ARE DRAWN DIAGRAMMATICALLY. SCALED DIMENSIONS ARE APPROXIMATE ONLY. BEFORE PROCEEDING WITH WORK, CAREFULLY CHECK AND VERIFY DIMENSIONS, IMMEDIATELY NOTIFY ENGINEER OF DISCREPANCIES BETWEEN DRAWINGS OR SPECIFICATIONS AND ACTUAL CONDITIONS, ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, IT IS NOT WITHIN SCOPE OF THE DRAWINGS TO SHOW NECESSARY OFFSETS, OBSTRUCTIONS, OR SITE CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE TO INSTALL WORK IN SUCH A MANNER THAT IT WILL CONFORM TO SITE CONDITIONS, COMPLETE AND IN GOOD WORKING ORDER.
6. ALL NEW BRANCH CIRCUITS AND FEEDER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR PULLED WITH THEM RFF. A.C. BREAKER ASSIGNMENTS & LIGHT, AND POWER LAYOUTS FOR SIZE OF GROUNDING CONDUCTOR. THIS COPPER GROUNDING CONDUCTOR SHALL BE TERMINATED TO GROUNDING TERMINALS OF ALL RECEPTACLES & ALL NONCURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRIC EQUIPMENT LIKELY TO BECOME ENERGIZED THAT ARE SUBJECT TO PERSONAL CONTACT.

- 7. ① INDICATES DETAIL #  
E1 INDICATES SHEET #
- 8. --- CONDUCTORS W/GROUND RUN UNDERGROUND. REF. SITE PLAN FOR SIZES OF CONDUCTORS AND CONDUITS.
- 9. --- UTILITY SERVICE LATERAL, REF. DETAIL.
- 10. --- CONDUCTORS W/GROUND RUN UNDERGROUND IN 4" SLEEVE.
- 11. [Symbol] CHRISTY BOX, UNDERGROUND FIBERLYTE BOX FN FL8, 9" X 12-1/2". TO BE USED IN MEDIANS AS SHOWN ON PLANS.
- 12. [Symbol] UNDERGROUND CONCRETE PULLBOX ASSOCIATED #3-1/2 (17.5"X12.5"X12.5") UNLESS OTHERWISE INDICATED. PREFAB CONCRETE WITH TRAFFIC COVER WHERE SUBJECT TO VEHICULAR TRAFFIC.
- 13. [Symbol] WELL LIGHT, REFERENCE DETAIL.
- 14. [Symbol] UPLIGHT, REFERENCE DETAIL.
- 15. [Symbol] UTILITY METER PEDESTAL, REF. DETAIL AND KEYNOTES.
- 16. [Symbol] EXISTING STREET LIGHT, PROTECT IN PLACE.

**ABBREVIATIONS**

EXST. EXISTING TO BE REUSED  
PROV. TO BE FURNISHED AND INSTALLED NEW BY E.C.

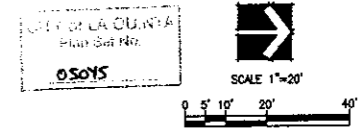
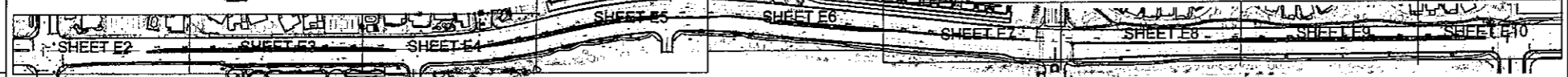
E.C. ELECTRICAL CONTRACTOR  
TYP. TYPICAL.



MATCHLINE A-A SEE SHEET E-3



KEYMAP - NO SCALE



NO.	DATE	INT.	REVISIONS	APPR.	DATE
#2	11/18/04	RM	PER CITY PLAN CHECK COMMENTS		
#1	09/29/04	JMN	CIRCUIT LUMINAIRES ON SINGLE LINE		

PREPARED UNDER THE SUPERVISION OF:  
*Joseph M. Nolan*  
JOSEPH M. NOLAN  
R.E.E. 9333 EXP. 09/30/05

APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Jonasson*  
TIMOTHY R. JONASSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
2/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-682 Country Club Dr., Suite P2  
Palm Desert, CA 92211  
Phone: 780.772.6558

**DREAM**  
Engineering Inc. • Consulting Electrical Engineers  
1981 • 23RD ANNIVERSARY • 2004  
APPLE VALLEY PALM DESERT  
(760)742-3369 FAX (760)242-1092 (760)773-4478  
dreamjoe@charter.net dreamjoe@aol.com

**CITY OF LA QUINTA**  
PARTIAL ELECTRICAL SITE PLAN - 10+00 - 15+00  
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

PROJECT: 1220031  
DRAWN: RM  
CHECK: DATE: 5/04/04  
SHEET NO. E2

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09

**KEY NOTES**

- 1. E.C. IS TO COORD EXACT ROUTING OF CONDUIT WITH LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
- 2. E.C. IS TO CONFIRM PRECISE LOCATION & ORIENTATION OF METER PEDESTAL WITH OWNER PRIOR TO INSTALLING.
- 3. E.C. IS TO PROV METER PEDESTAL AS SHOWN. REF. A.C. SINGLE LINE DIAGRAM, A.C. BREAKER ASSIGNMENTS AND DETAILS FOR FURTHER INFO.
- 4. E.C. IS TO PROVIDE INTERCEPT BOX FOR IID TO INTERCEPT EXISTING SERVICE LATERAL. E.C. IS TO PROVIDE NEW SERVICE LATERAL CONDUIT TO PROPOSED METER PED. E.C. IS TO COORDINATE ELECTRICAL UTILITY REQUIREMENTS WITH IID. IID TO PROVIDE ROUTING, SIZES OF CONDUIT, AND BURIAL DEPTH OF PROPOSED SERVICE LATERAL.
- 5. TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/ REPAIRED AT CONTRACTORS EXPENSE. TYP.
- 6. E.C. IS TO PROVIDE 4" SLEEVE, E.C. IS TO PULL CONDUCTORS AND CONDUIT THROUGH SLEEVE.
- 7. E.C. TO SPOT LUMINAIRE 3'-5' OUT FROM TREE/PLANT BEING LIT. LANDSCAPE ARCH. WILL CONFIRM PLACEMENT PRIOR TO INSTALLATION.
- 8. E.C. IS TO PROVIDE PULLBOX. PULLBOX AND COVER TO BE PIGMENTED TO MATCH COLOR OF PAVERS. COORD. WITH LANDSCAPE ARCH SHEETS. PULLBOX TO BE INSTALLED FLUSH WITH PAVES AND TO BE GROUTED AS NECESSARY TO MATCH UP TO PAVES SURFACE.

**CONDUCTOR SCHEDULE**

RUN	CIRCUIT	GROUND	CONDUIT	% FILL
1	2#8	1#12	3/4"	16.28%
2	2#10	1#12	3/4"	9.15%
3	2#12	1#12	3/4"	6.62%
4	2#8 2#12	1#12	3/4"	20.70%
5	2#10 2#12	1#12	3/4"	13.57%
6	4#10 2#12	1#12	3/4"	20.51%
7	2#6	1#12	3/4"	21.79%
8	2#6 2#8 2#12	1#12	1"	24.83%

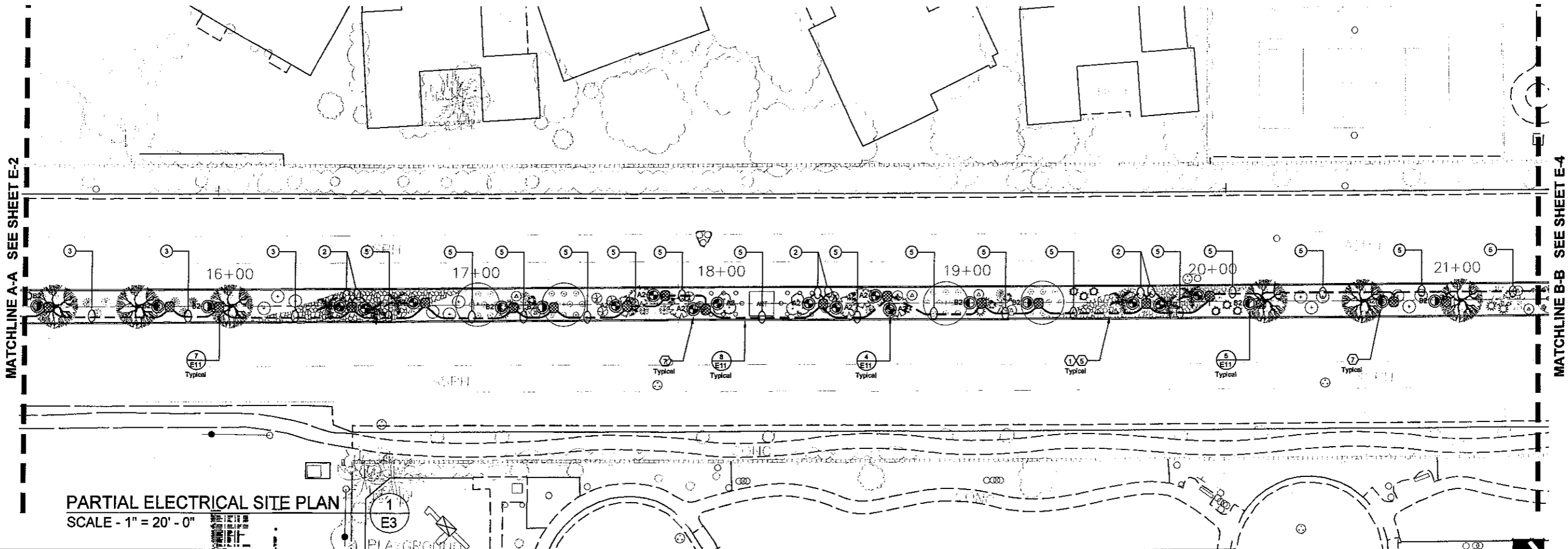
**ELECTRICAL NOTES AND SYMBOLS**

- 1. ALL WORK TO BE DONE IN ACCORDANCE WITH CALIFORNIA ELECTRICAL CODE 2001 EDITION.
- 2. ALL UNDERGROUND OUTSIDE BRANCH CIRCUIT AND FEEDER CIRCUITS ARE TO BE RUN IN NONMETALLIC CONDUIT SCHEDULE 40, UNLESS OTHERWISE INDICATED. LISTED FOR UNDERGROUND INSTALLATIONS. U2 LISTED AND RATED FOR 90° CONDUCTORS. ALL ELECTRICAL CONDUCTORS RUN EXPOSED, SHALL BE RUN IN ENT CONDUIT SUPPORTED AT 10' INTERVALS AND WITHIN 3' OF TERMINATIONS OR BOXES.
- 3. ALL ELECTRICAL SYMBOLS PER ANSI Y32.9 1972. REAFFIRMED 1989.
- 4. ALL NEW ELECTRICAL CONDUCTORS ARE TO BE COPPER. INSULATION FOR #12 TO #1 SHALL BE THWN, #1/0 THROUGH #4/0 SHALL BE TYPE XHHW [55mils], AND #250 MCM AND LARGER SHALL BE TYPE XHHW [65mils]. GROUNDING CONDUCTOR SHALL BE THWN.
- 5. UTILITIES AND LIGHTING EQUIPMENT ARE DRAWN DIAGRAMMATICALLY. SCALED DIMENSIONS ARE APPROXIMATE ONLY. BEFORE PROCEEDING WITH WORK, CAREFULLY CHECK AND VERIFY DIMENSIONS, IMMEDIATELY NOTIFY ENGINEER OF DISCREPANCIES BETWEEN DRAWINGS OR SPECIFICATIONS AND ACTUAL CONDITIONS, ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, IT IS NOT WITHIN SCOPE OF THE DRAWINGS TO SHOW NECESSARY OFFSETS, OBSTRUCTIONS, OR SITE CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE TO INSTALL WORK IN SUCH A MANNER THAT IT WILL CONFORM TO SITE CONDITIONS, COMPLETE AND IN GOOD WORKING ORDER.
- 6. ALL NEW BRANCH CIRCUITS AND FEEDERS CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR PULLED WITH THEM. REF. A.C. BREAKER ASSIGNMENTS & LIGHT AND POWER LAYOUTS FOR SIZE OF GROUNDING CONDUCTOR. THIS COPPER GROUNDING CONDUCTOR SHALL BE TERMINATED TO GROUNDING TERMINALS OF ALL RECEPTACLES & ALL NONCURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRIC EQUIPMENT LIKELY TO BECOME ENERGIZED THAT ARE SUBJECT TO PERSONAL CONTACT.

- 7. INDICATES DETAIL #
- 8. CONDUCTORS W/GROUND RUN UNDERGROUND. REF. SITE PLAN FOR SIZES OF CONDUCTORS AND CONDUITS.
- 9. UTILITY SERVICE LATERAL, REF. DETAIL.
- 10. CONDUCTORS W/GROUND RUN UNDERGROUND IN 4" SLEEVE.
- 11. CHRISTY BOX, UNDERGROUND FIBERLYTE BOX PN FL8, 9" X 12-1/2". TO BE USED IN MEDIANS AS SHOWN ON PLANS.
- 12. UNDERGROUND CONCRETE PULLBOX ASSOCIATED #3-1/2 (17.5"X12.5"X12.5") UNLESS OTHERWISE INDICATED. PREFAB CONCRETE WITH TRAFFIC COVER WHERE SUBJECT TO VEHICULAR TRAFFIC.
- 13. WELL LIGHT, REFERENCE DETAIL.
- 14. UPLIGHT, REFERENCE DETAIL.
- 15. UTILITY METER PEDESTAL, REF. DETAIL AND KEYNOTES.
- 16. EXISTING STREET LIGHT, PROTECT IN PLACE.

**ABBREVIATIONS**

EXIST.	EXISTING TO BE REUSED	E.C.	ELECTRICAL CONTRACTOR
PROV.	TO BE FURNISHED AND INSTALLED NEW BY E.C.	TYP.	TYPICAL



**PARTIAL ELECTRICAL SITE PLAN**  
SCALE - 1" = 20' - 0"

**UNDERGROUND SERVICE ALERT**

Call 811 or visit www.811.com  
This marking does not guarantee the location, depth, or nature of any utility.

**KEYMAP - NO SCALE**

NO.	DATE	INT.	REVISIONS	APPR.	DATE
#2	1/18/04	JMN	PER CITY PLAN CHECK COMMENTS		
#1	10/01/04	JMN	CIRCUIT LUMINAIRES ON SINGLE LINE		

PREPARED UNDER THE SUPERVISION OF:

*Joseph M. Nolan*

JOSEPH M. NOLAN  
R.E.E. 9333 EXP. 09/30/05

APPROVED BY:

CITY OF LA QUINTA

*Timothy R. Chasson*

TIMOTHY R. CHASSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
3/23/05

PLANS PREPARED BY:

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dreamjoe@charter.net dream@edinc.com

**CITY OF LA QUINTA**

PARTIAL ELECTRICAL SITE PLAN - 15+20 - 21+30

FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

PROJECT: 1220031  
DRAWN: RM  
CHECK: DATE: 5/04/04  
SHEET NO. E3

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09



**KEY NOTES**

- 1 E.C. IS TO COORD EXACT ROUTING OF CONDUIT WITH LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
- 2 E.C. IS TO CONFIRM PRECISE LOCATION & ORIENTATION OF METER PEDESTAL WITH OWNER PRIOR TO INSTALLING.
- 3 E.C. IS TO PROV METER PEDESTAL AS SHOWN. REF. A.C. SINGLE LINE DIAGRAM, A.C. BREAKER ASSIGNMENTS AND DETAILS FOR FURTHER INFO.
- 4 E.C. IS TO PROVIDE INTERCEPT BOX FOR IID TO INTERCEPT EXISTING SERVICE LATERAL. E.C. IS TO PROVIDE NEW SERVICE LATERAL CONDUIT TO PROPOSED METER PED. E.C. IS TO COORDINATE ELECTRICAL UTILITY REQUIREMENTS WITH IID. IID TO PROVIDE ROUTING, SIZES OF CONDUIT, AND BURIAL DEPTH OF PROPOSED SERVICE LATERAL.
- 5 TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/ REPAIRED AT CONTRACTORS EXPENSE. TYP.
- 6 E.C. IS TO PROVIDE 4" SLEEVE. E.C. IS TO PULL CONDUCTORS AND CONDUIT THROUGH SLEEVE.
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- 8 E.C. IS TO PROVIDE PULLBOX. PULLBOX AND COVER TO BE PIGMENTED TO MATCH COLOR OF PAVERS. COORD. WITH LANDSCAPE ARCH SHEETS. PULLBOX TO BE INSTALLED FLUSH WITH PAYER AND TO BE GROUTED AS NECESSARY TO MATCH UP TO PAYER SURFACE.

CONDUCTOR SCHEDULE				
RUN	CIRCUIT	GROUND	CONDUIT	% FILL
1	2#8	1#12	3/4"	16.28%
2	2#10	1#12	3/4"	9.15%
3	2#12	1#12	3/4"	6.62%
4	2#8 2#12	1#12	3/4"	20.70%
5	2#10 2#12	1#12	3/4"	13.57%
6	4#10 2#12	1#12	3/4"	20.51%
7	2#8	1#12	3/4"	21.79%
8	2#8 2#8 2#12	1#12	1"	24.83%

**ELECTRICAL NOTES AND SYMBOLS**

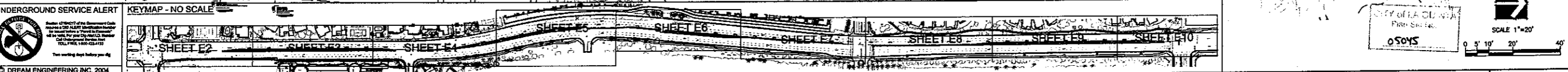
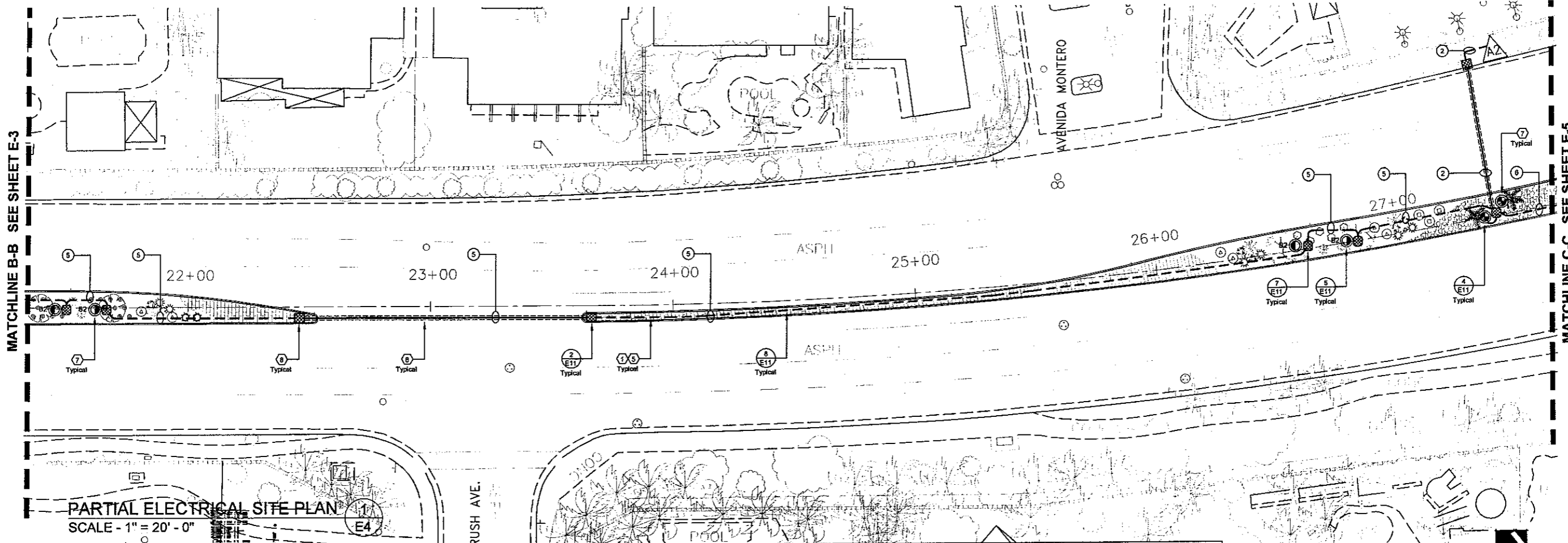
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- 3. ALL ELECTRICAL SYMBOLS PER ANSI Y32.9 1972 REAFFIRMED 1989.
- 4. ALL NEW ELECTRICAL CONDUCTORS ARE TO BE COPPER. INSULATION FOR #12 TO #1 SHALL BE THHN, #1/0 THROUGH #4/0 SHALL BE TYPE XHHW [55mils], AND #250 MCM AND LARGER SHALL BE TYPE XHHW [65mils]. GROUNDING CONDUCTOR SHALL BE THHN.
- 5. UTILITIES AND LIGHTING EQUIPMENT ARE DRAWN DIAGRAMMATICALLY. SCALED DIMENSIONS ARE APPROXIMATE ONLY. BEFORE PROCEEDING WITH WORK, CAREFULLY CHECK AND VERIFY DIMENSIONS, IMMEDIATELY NOTIFY ENGINEER OF DISCREPANCIES BETWEEN DRAWINGS OR SPECIFICATIONS AND ACTUAL CONDITIONS, ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, IT IS NOT WITHIN SCOPE OF THE DRAWINGS TO SHOW NECESSARY OFFSETS, OBSTRUCTIONS, OR SITE CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE TO INSTALL WORK IN SUCH A MANNER THAT IT WILL CONFORM TO SITE CONDITIONS, COMPLETE AND IN GOOD WORKING ORDER.
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- 7. 1 INDICATES DETAIL #  
E1 INDICATES SHEET #
- 8. --- CONDUCTORS W/GROUND RUN UNDERGROUND. REF. SITE PLAN FOR SIZES OF CONDUCTORS AND CONDUITS.
- 9. --- UTILITY SERVICE LATERAL. REF. DETAIL.
- 10. --- CONDUCTORS W/GROUND RUN UNDERGROUND IN 4" SLEEVE.
- 11. [Symbol] CHRISTY BOX. UNDERGROUND FIBERLYTE BOX FN FLB. 9" X 12-1/2". TO BE USED IN MEDIANS AS SHOWN ON PLANS.
- 12. [Symbol] UNDERGROUND CONCRETE PULLBOX ASSOCIATED #3-1/2 (17.5"X12.5"X12.5") UNLESS OTHERWISE INDICATED. PREFAB CONCRETE WITH TRAFFIC COVER WHERE SUBJECT TO VEHICULAR TRAFFIC.
- 13. [Symbol] WELL LIGHT. REFERENCE DETAIL.
- 14. [Symbol] UPLIGHT. REFERENCE DETAIL.
- 15. [Symbol] UTILITY METER PEDESTAL. REF. DETAIL AND KEYNOTES.
- 16. [Symbol] EXISTING STREET LIGHT, PROTECT IN PLACE.

**ABBREVIATIONS**

EXIST. EXISTING TO BE REUSED  
PROV. TO BE FURNISHED AND INSTALLED NEW BY E.C.

E.C. ELECTRICAL CONTRACTOR  
TYP. TYPICAL



<p>UNDERGROUND SERVICE ALERT</p>		<p>KEYMAP - NO SCALE</p>		<p>PREPARED UNDER THE SUPERVISION OF:</p> <p>JOSEPH M. NOLAN R.E.E. 9333 EXP. 09/30/05</p>		<p>APPROVED BY:</p> <p>CITY OF LA QUINTA</p> <p>JIMOTHY R. JONASSON, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER R.O.E. NO. 43843 EXP. 12/31/06 3/23/05</p>		<p>PLANS PREPARED BY:</p> <p>DAVID EVANS AND ASSOCIATES INC. 77-682 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6558</p>		<p>Engineering Inc. • Consulting Electrical Engineers 1981 • 23RD ANNIVERSARY • 2004 APPLE VALLEY PALM DESERT (760)242-3369 FAX (760)242-1092 (760)773-4476 dreamjoe@charter.net dreamjoe@aol.com</p>		<p>CITY OF LA QUINTA</p> <p>PARTIAL ELECTRICAL SITE PLAN - 21+30 - 27+65</p> <p>FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50</p>		<p>PROJECT: 1220031 DRAWN: RM CHECK: DATE: 5/04/04 SHEET NO. E4</p>	
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WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09

**KEY NOTES**

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- ③ E.C. IS TO PROV METER PEDESTAL AS SHOWN. REF. A.C. SINGLE LINE DIAGRAM, A.C. BREAKER ASSIGNMENTS AND DETAILS FOR FURTHER INFO.
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- ⑤ TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/ REPAIRED AT CONTRACTORS EXPENSE. TYP.
- ⑥ E.C. IS TO PROVIDE 4" SLEEVE, E.C. IS TO PULL CONDUCTORS AND CONDUIT THROUGH SLEEVE.
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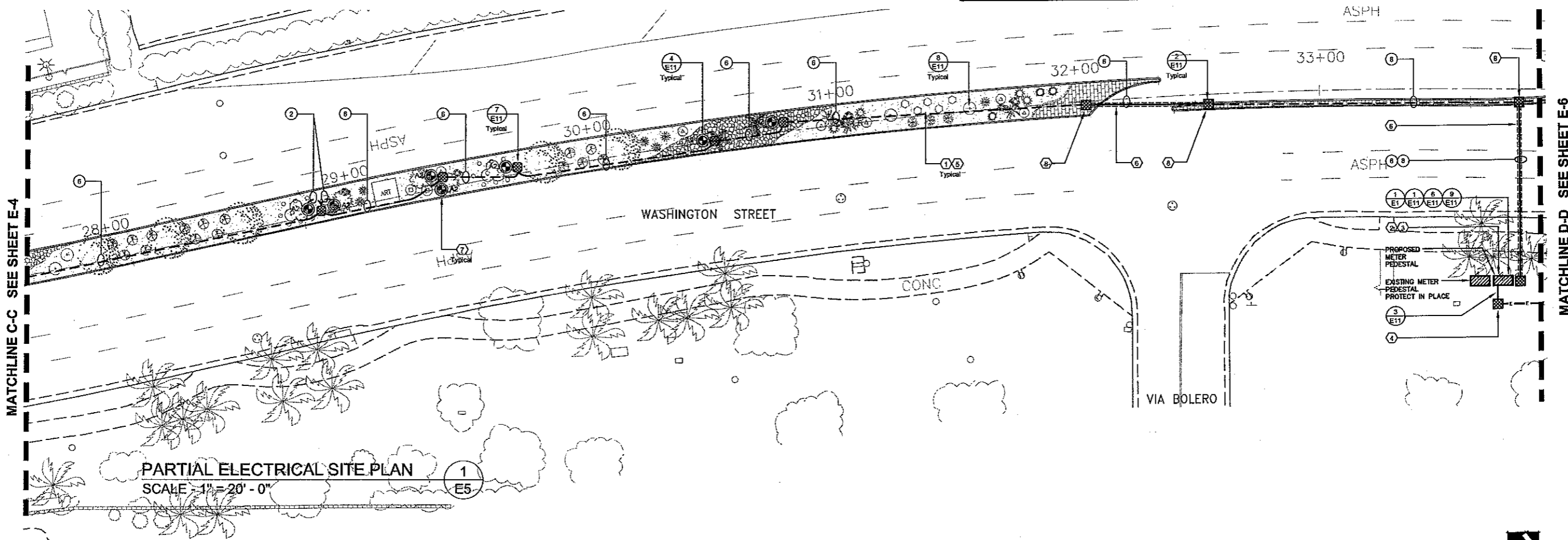
**CONDUCTOR SCHEDULE**

RUN	CIRCUIT	GROUND	CONDUIT	% FILL
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②	2#10	1#12	3/4"	9.15%
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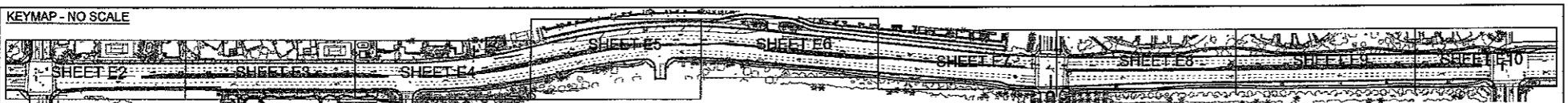
\*\* REF VOLTAGE DROP CALCS FOR CONDUCTOR DESIGNATION

**ELECTRICAL NOTES AND SYMBOLS**

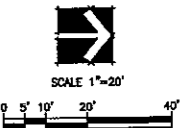
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15. UTILITY METER PEDESTAL. REF. DETAIL AND KEYNOTES.
16. EXISTING STREET LIGHT, PROTECT IN PLACE.
17. PROPOSED IRRIGATION CONTROLLER. REF. KEYNOTES.
- ABBREVIATIONS**
- EXIST. EXISTING TO BE REUSED      E.C. ELECTRICAL CONTRACTOR
- PROV. TO BE FURNISHED AND INSTALLED NEW BY E.C.      TYP. TYPICAL



**PARTIAL ELECTRICAL SITE PLAN**  
SCALE - 1" = 20' - 0"



CITY OF LA QUINTA  
Plan Set No.  
05045



NO.	DATE	INT.	REVISIONS	APPR.	DATE
03	9/30/05	RM	RELOCATED METER PEDESTAL		
02	01/27/05	RM	PER CITY PLAN CHECK COMMENTS		
01	01/28/04	RM	PER CITY PLAN CHECK COMMENTS		

PREPARED UNDER THE SUPERVISION OF:  
*Joseph M. Nolan*  
JOSEPH M. NOLAN  
P.E.E. 9333 EXP. 09/30/07

APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Jonasson*  
TIMOTHY R. JONASSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
9/22/05

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dva@deand.com charter.net dream@deand.com

**CITY OF LA QUINTA**  
PARTIAL ELECTRICAL SITE PLAN - 27+65 - 33+90  
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

PROJECT: 1220031  
DRAWN: RM  
CHECK: DATE: 5/04/04  
SHEET NO. E5

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2005-09

**KEY NOTES**

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**CONDUCTOR SCHEDULE**

RUN	CIRCUIT	GROUND	CONDUIT	% FILL
1	2#8	1#12	3/4"	16.28%
2	2#10	1#12	3/4"	9.15%
3	2#12	1#12	3/4"	6.62%
4	2#8 2#12	1#12	3/4"	20.70%
5	2#10 2#12	1#12	3/4"	13.57%
6	4#10 2#12	1#12	3/4"	20.51%
7	2#6	1#12	3/4"	21.79%
8	2#6 2#8 2#12	1#12	1"	24.83%

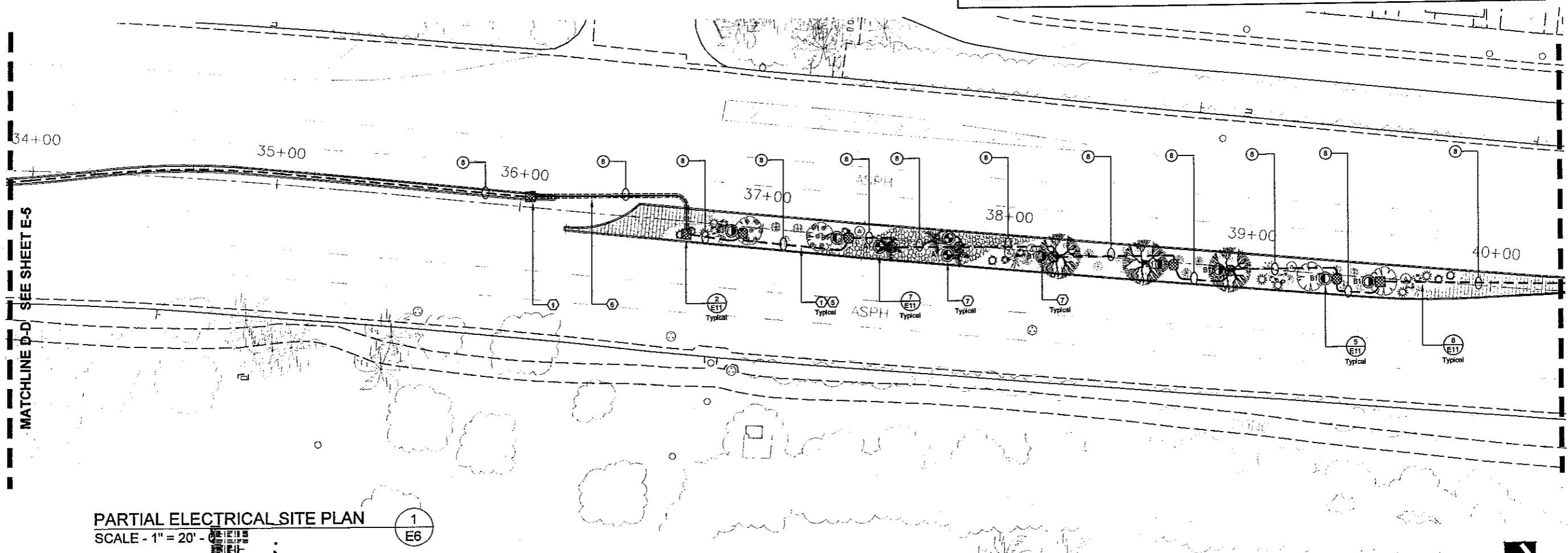
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- ALL ELECTRICAL SYMBOLS PER ANSI Y32.9 1972, REAFFIRMED 1989.
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- UTILITIES AND LIGHTING EQUIPMENT ARE DRAWN DIAGRAMMATICALLY. SCALED DIMENSIONS ARE APPROXIMATE ONLY. BEFORE PROCEEDING WITH WORK, CAREFULLY CHECK AND VERIFY DIMENSIONS OR SPECIFICATIONS AND ACTUAL CONDITIONS, ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, IT IS NOT WITHIN SCOPE OF THE DRAWINGS TO SHOW NECESSARY OFFSETS, OBSTRUCTIONS, OR SITE CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE TO INSTALL WORK IN SUCH A MANNER THAT IT WILL CONFORM TO SITE CONDITIONS, COMPLETE AND IN GOOD WORKING ORDER.
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- 7. INDICATES DETAIL #
- 8. CONDUCTORS W/GROUND RUN UNDERGROUND. REF. SITE PLAN FOR SIZES OF CONDUCTORS AND CONDUITS.
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- 13. WELL LIGHT. REFERENCE DETAIL.
- 14. UPLIGHT. REFERENCE DETAIL.
- 15. UTILITY METER PEDESTAL. REF. DETAIL AND KEYNOTES.
- 16. EXISTING STREET LIGHT, PROTECT IN PLACE.

**ABBREVIATIONS**

- EXIST. EXISTING TO BE REUSED
- PROV. TO BE FURNISHED AND INSTALLED NEW BY E.C.
- E.C. ELECTRICAL CONTRACTOR
- TYP. TYPICAL



**PARTIAL ELECTRICAL SITE PLAN**

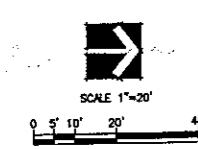
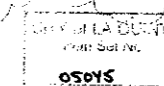
SCALE - 1" = 20' -

1  
E6

**UNDERGROUND SERVICE ALERT**



**KEYMAP - NO SCALE**



NO.	DATE	INT.	REVISIONS	APPR. DATE
#2	11/18/04	RM	PER CITY PLAN CHECK COMMENTS	
#1	05/01/04	JAN	CIRCUIT LUMINAIRE ON SINGLE LINE	

PREPARED UNDER THE SUPERVISION OF:  
*Joseph M. Nolan*  
JOSEPH M. NOLAN  
R.E.E. 9333 EXP. 09/30/05



APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Jonsson*  
TIMOTHY R. JONSSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
ROE NO. 45843 EXP. 12/31/05  
3/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-682 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.8558

**DREAM**  
Engineering Inc. • Consulting Electrical Engineers  
1981 • 23RD ANNIVERSARY • 2004  
APPLE VALLEY (760)442-3389 PALM DESERT (760)773-4478  
dream@peel.com

**CITY OF LA QUINTA**  
PARTIAL ELECTRICAL SITE PLAN - 34+00 - 40+30  
FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

PROJECT: 1220031  
DRAWN: RM  
CHECK: DATE: 5/04/04  
SHEET NO. E6

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09

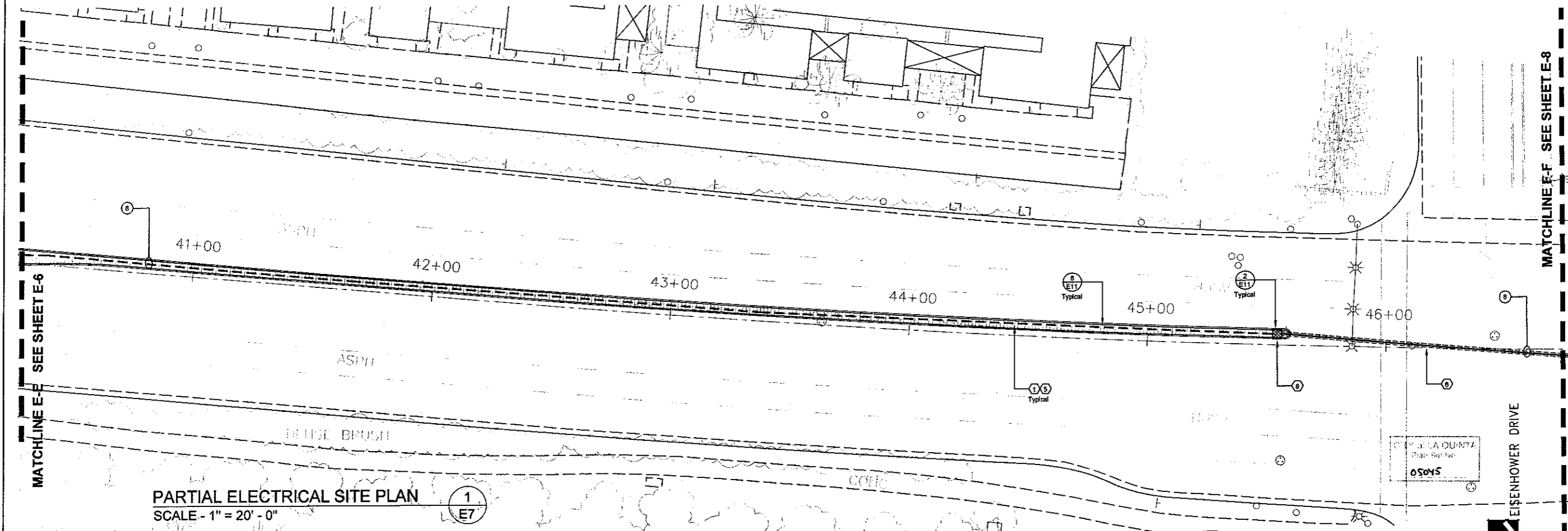
**KEY NOTES**

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- ABBREVIATIONS**
- |        |   |      |                       |
|--------|---|------|-----------------------|
| EXIST. | EXISTING TO BE REUSED                     | E.C. | ELECTRICAL CONTRACTOR |
| PROV.  | TO BE FURNISHED AND INSTALLED NEW BY E.C. | TYP. | TYPICAL               |
- INDICATES DETAIL #
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**PARTIAL ELECTRICAL SITE PLAN**  
SCALE - 1" = 20' - 0"

<p><b>UNDERGROUND SERVICE ALERT</b></p> <p>Underground Utility Alert Call 811 before you dig www.811.com</p>		<p><b>KEYMAP - NO SCALE</b></p>		<p>PREPARED UNDER THE SUPERVISION OF:</p> <p><i>Joseph M. Nolan</i> JOSEPH M. NOLAN R.E.E. 9333 EXP. 09/30/05</p>		<p>APPROVED BY:</p> <p><i>Anthony R. Jonsson</i> ANTHONY R. JONSSON, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER RCE NO 45843 EXP 12/31/06 3/23/05</p>		<p>PLANS PREPARED BY:</p> <p><b>DAVID EVANS AND ASSOCIATES INC.</b> 77-682 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6556</p>		<p><b>DREAM</b> Engineering Inc. • Consulting Electrical Engineers 1081 • 23RD ANNIVERSARY • 2004 APPLE VALLEY PALM DESERT (760)342-2369 (760)773-4478 dream@dreaminc.com dreaminc.com</p>		<p><b>CITY OF LA QUINTA</b></p> <p>PARTIAL ELECTRICAL SITE PLAN - 40+70 - 46+75</p> <p>FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50</p>		<p>PROJECT: 1220031 DRAWN: RM CHECK: DATE: 5/04/04 SHEET NO. E7</p>	
<p>REFERENCES</p>		<p>REVISIONS</p>		<p>DATE</p>		<p>DATE</p>		<p>DATE</p>		<p>DATE</p>		<p>DATE</p>			

WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09

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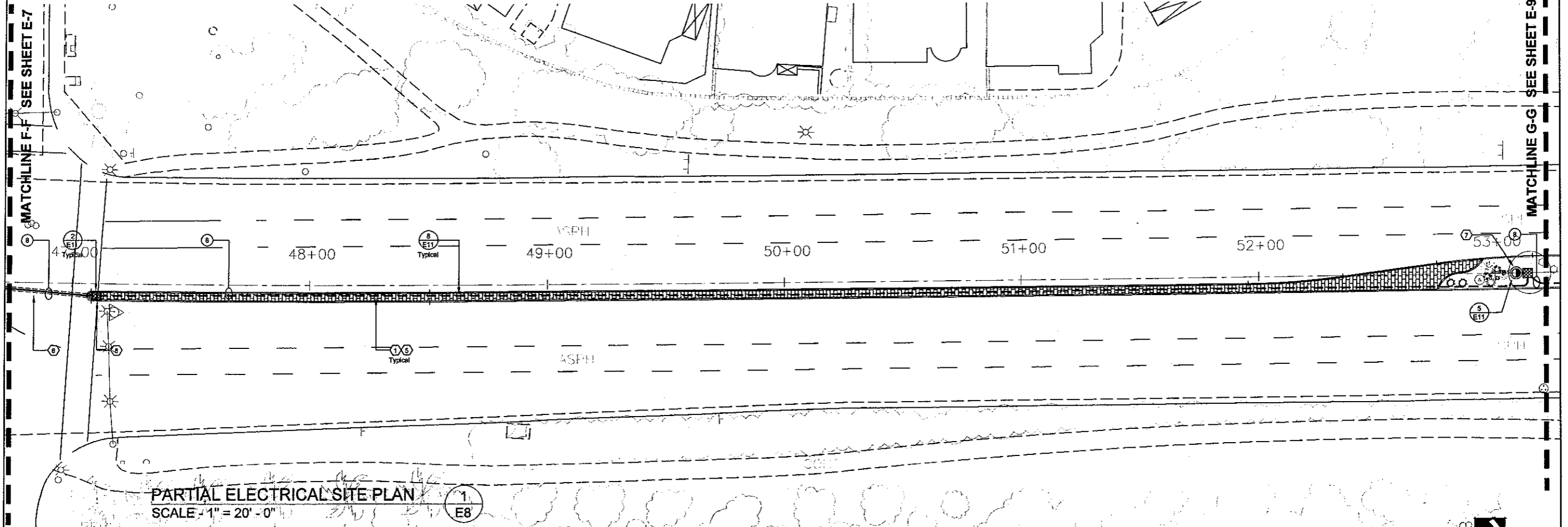
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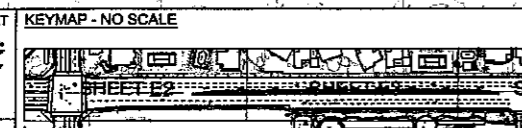
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**UNDERGROUND SERVICE ALERT**

© DREAM ENGINEERING INC. 2004



PREPARED UNDER THE SUPERVISION OF:  
*Joseph M. Nolan*  
JOSEPH M. NOLAN  
R.E.E. 9333 EXP. 09/30/05

APPROVED BY:  
CITY OF LA QUINTA  
*Anthony R. Cassin*  
ANTHONY R. CASSIN, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 49843 EXP 12/31/08  
3/23/05

PLANS PREPARED BY:  
**DE**  
DAVID EVANS AND ASSOCIATES INC.  
Engineering Inc. • Consulting Electrical Engineers  
1991 • 23RD ANNIVERSARY • 2004  
APPLE VALLEY PALM DESERT  
(760)242-3369 FAX (760)242-1092 (760)773-4478  
dram@deassoc.com deandrea@deassoc.com  
77-862 County Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 780.772.8558

**CITY OF LA QUINTA**  
PARTIAL ELECTRICAL SITE PLAN - 46+25 - 53+20

FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

PROJECT: 1220031  
CHECK: RM  
DATE: 5/04/04  
SHEET NO. E8

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09

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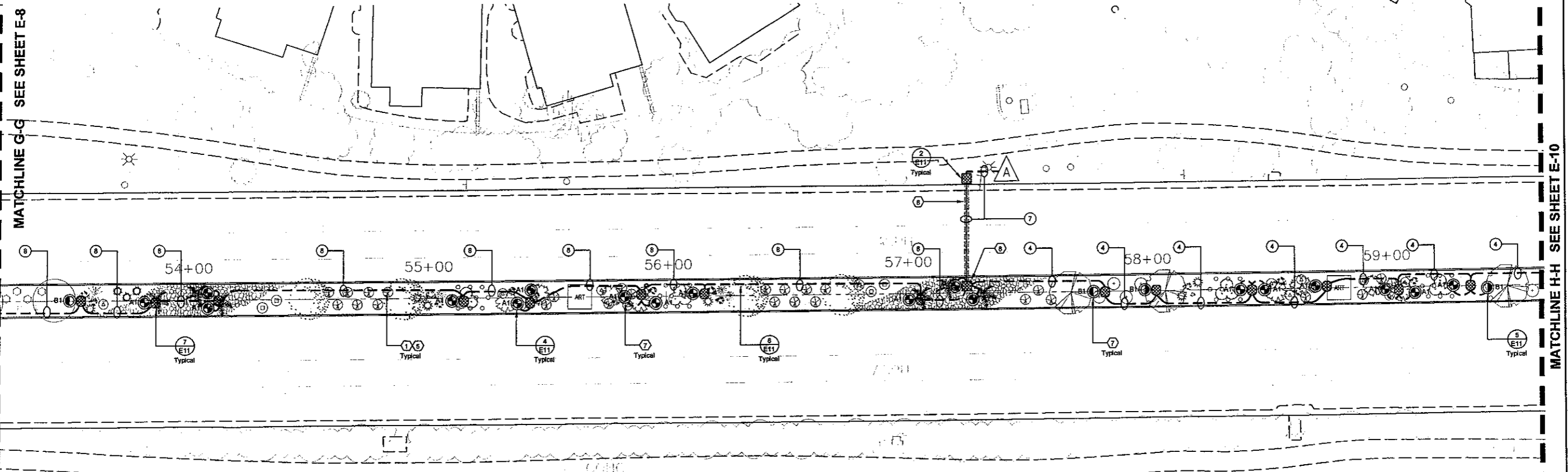
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9. UTILITY SERVICE LATERAL, REF. DETAIL.
10. CONDUCTORS W/GROUND RUN UNDERGROUND IN 4" SLEEVE.
11. CHRISTY BOX. UNDERGROUND FIBERLYTE BOX PN FLB. 9" X 12-1/2". TO BE USED IN MEDIANS AS SHOWN ON PLANS.
12. UNDERGROUND CONCRETE PULLBOX ASSOCIATED #3-1/2 (17.5"X12.5"X12.5") UNLESS OTHERWISE INDICATED. PREFAB CONCRETE WITH TRAFFIC COVER WHERE SUBJECT TO VEHICULAR TRAFFIC.
13. WELL LIGHT. REFERENCE DETAIL.
14. UPLIGHT. REFERENCE DETAIL.
15. UTILITY METER PEDESTAL. REF. DETAIL AND KEYNOTES.
16. EXISTING STREET LIGHT, PROTECT IN PLACE.

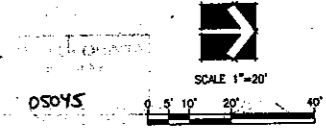
**ABBREVIATIONS**

EXIST.	EXISTING TO BE REUSED	E.C.	ELECTRICAL CONTRACTOR
PROV.	TO BE FURNISHED AND INSTALLED NEW BY E.C.	TYP.	TYPICAL

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09



**PARTIAL ELECTRICAL SITE PLAN**  
SCALE - 1" = 20'



<p>PREPARED UNDER THE SUPERVISION OF:</p> <p><i>Joseph M. Nolan</i> JOSEPH M. NOLAN R.E.E. 9333 EXP. 09/30/05</p>	<p>APPROVED BY:</p> <p><i>Timothy R. Conass</i> TIMOTHY R. CONASS, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER RCE NO 45843 EXP 12/31/06 DATE: 3/23/05</p>	<p>PLANS PREPARED BY:</p> <p><b>DAVID EVANS AND ASSOCIATES INC.</b> 77-882 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6556</p>	<p><b>DREAM</b> Engineering Inc. • Consulting Electrical Engineers 1981 • 23RD ANNIVERSARY • 2004 APPLE VALLEY (760)242-3369 PALM DESERT (760)773-4478 dreampe@charter.net dreampe@aol.com</p>	<p><b>CITY OF LA QUINTA</b></p> <p>PARTIAL ELECTRICAL SITE PLAN - 53+20 - 59+60</p> <p>FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50</p>	<p>PROJECT: 1220031 DRAWN: RM CHECK: DATE: 5/04/04 SHEET NO. <b>E9</b></p>
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**KEY NOTES**

- ① E.C. IS TO COORD EXACT ROUTING OF CONDUIT WITH LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
- ② E.C. IS TO CONFIRM PRECISE LOCATION & ORIENTATION OF METER PEDESTAL WITH OWNER PRIOR TO INSTALLING.
- ③ E.C. IS TO PROVIDE METER PEDESTAL AS SHOWN. REF. A.C. SINGLE LINE DIAGRAM, A.C. BREAKER ASSIGNMENTS AND DETAILS FOR FURTHER INFO.
- ④ E.C. IS TO PROVIDE INTERCEPT BOX FOR I.D. TO INTERCEPT EXISTING SERVICE LATERAL. E.C. IS TO PROVIDE NEW SERVICE LATERAL CONDUIT TO PROPOSED METER PED. E.C. IS TO COORDINATE ELECTRICAL UTILITY REQUIREMENTS WITH I.D. I.D. TO PROVIDE ROUTING, SIZES OF CONDUIT, AND BURIAL DEPTH OF PROPOSED SERVICE LATERAL.
- ⑤ TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/ REPAIRED AT CONTRACTORS EXPENSE. TYP.
- ⑥ E.C. IS TO PROVIDE 4" SLEEVE, E.C. IS TO PULL CONDUCTORS AND CONDUIT THROUGH SLEEVE.
- ⑦ E.C. TO SPOT LUMINAIRE 3'-5' OUT FROM TREE/PLANT BEING LIT. LANDSCAPE ARCH. WILL CONFIRM PLACEMENT PRIOR TO INSTALLATION.
- ⑧ E.C. IS TO PROVIDE PULLBOX, PULLBOX AND COVER TO BE PIGMENTED TO MATCH COLOR OF PAVERS. COORD. WITH LANDSCAPE ARCH SHEETS. PULLBOX TO BE INSTALLED FLUSH WITH PAVEMENT AND TO BE GROUTED AS NECESSARY TO MATCH UP TO PAVEMENT SURFACE.

**CONDUCTOR SCHEDULE**

RUN	CIRCUIT	GROUND	CONDUIT	% FILL
①	2#8	1#12	3/4"	16.28%
②	2#10	1#12	3/4"	9.15%
③	2#12	1#12	3/4"	6.62%
④	2#8 2#12	1#12	3/4"	20.70%
⑤	2#10 2#12	1#12	3/4"	13.57%
⑥	4#10 2#12	1#12	3/4"	20.51%
⑦	2#6	1#12	3/4"	21.79%
⑧	2#6 2#8 2#12	1#12	1"	24.83%

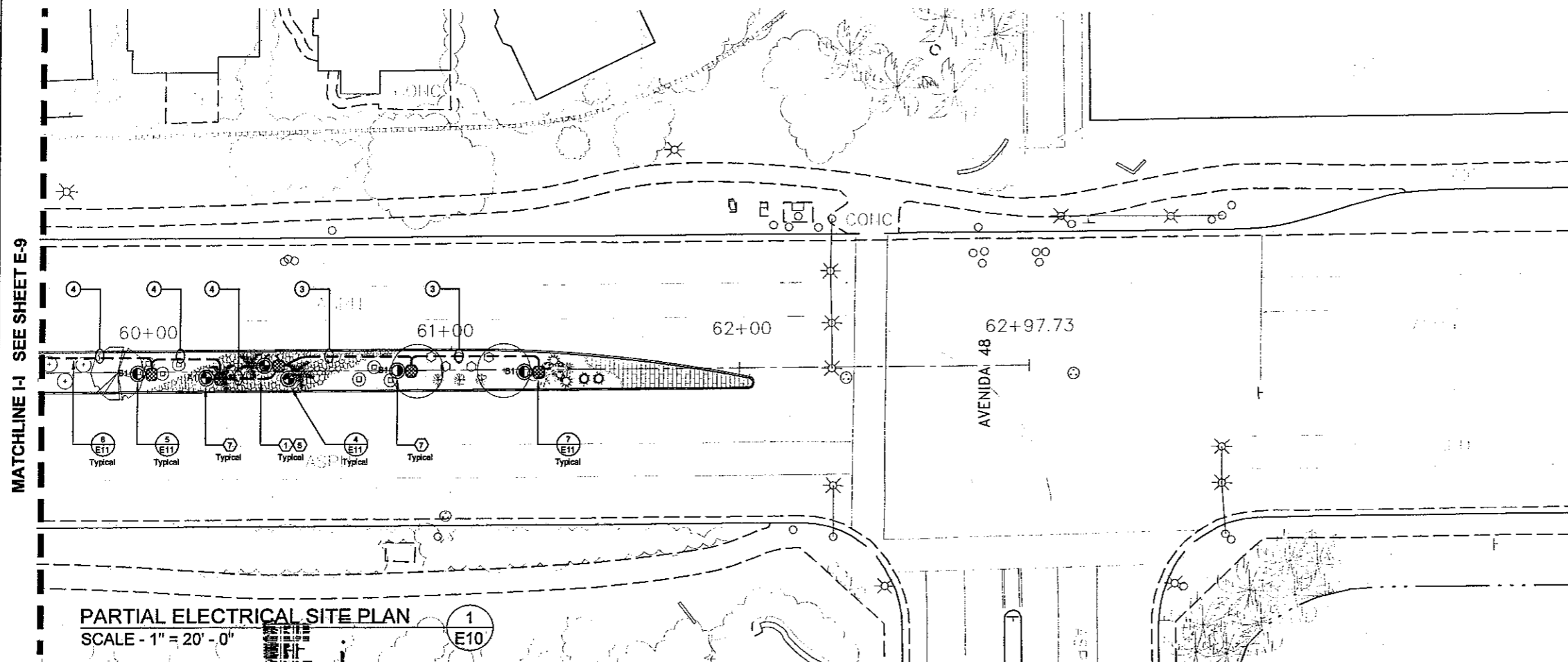
**ELECTRICAL NOTES AND SYMBOLS**

- 1. ALL WORK TO BE DONE IN ACCORDANCE WITH CALIFORNIA ELECTRICAL CODE 2001 EDITION.
- 2. ALL UNDERGROUND OUTSIDE BRANCH CIRCUIT AND FEEDER CIRCUITS ARE TO BE RUN IN NONMETALLIC CONDUIT SCHEDULE 40, UNLESS OTHERWISE INDICATED, LISTED FOR UNDERGROUND INSTALLATIONS, UL LISTED AND RATED FOR 90° CONDUCTORS. ALL ELECTRICAL CONDUCTORS RUN EXPOSED, SHALL BE RUN IN EMT CONDUIT SUPPORTED AT 10' INTERVALS AND WITHIN 3' OF TERMINATIONS OR BOXES.
- 3. ALL ELECTRICAL SYMBOLS PER ANSI Y32.9 1972, REAFFIRMED 1989.
- 4. ALL NEW ELECTRICAL CONDUCTORS ARE TO BE COPPER. INSULATION FOR #12 TO #1 SHALL BE THWN, #1/0 THROUGH #4/0 SHALL BE TYPE XHHW (55mils), AND #250 MCM AND LARGER SHALL BE TYPE XHHW (85mils). GROUNDING CONDUCTOR SHALL BE THWN.
- 5. UTILITIES AND LIGHTING EQUIPMENT ARE DRAWN DIAGRAMMATICALLY. SCALED DIMENSIONS ARE APPROXIMATE ONLY. BEFORE PROCEEDING WITH WORK, CAREFULLY CHECK! AND VERIFY DIMENSIONS, IMMEDIATELY NOTIFY ENGINEER OF DISCREPANCIES BETWEEN DRAWINGS OR SPECIFICATIONS AND ACTUAL CONDITIONS. ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, IT IS NOT WITHIN SCOPE OF THE DRAWINGS TO SHOW NECESSARY OFFSETS, OBSTRUCTIONS, OR SITE CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE TO INSTALL WORK IN SUCH A MANNER THAT IT WILL CONFORM TO SITE CONDITIONS, COMPLETE AND IN GOOD WORKING ORDER.
- 6. ALL NEW BRANCH CIRCUITS AND FEEDERS CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR PULLED WITH THEM. REF. A.C. BREAKER ASSIGNMENTS & LIGHT AND POWER LAYOUTS FOR USE OF GROUNDING CONDUCTOR. THIS COPPER GROUNDING CONDUCTOR SHALL BE TERMINATED TO GROUNDING TERMINALS OF ALL RECEPTACLES & ALL NONCURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRIC EQUIPMENT LIKELY TO BECOME ENERGIZED THAT ARE SUBJECT TO PERSONAL CONTACT.

- 7. INDICATES DETAIL #  
INDICATES SHEET #
- 8. CONDUCTORS W/GROUND RUN UNDERGROUND. REF. SITE PLAN FOR SIZES OF CONDUCTORS AND CONDUITS.
- 9. UTILITY SERVICE LATERAL. REF. DETAIL.
- 10. CONDUCTORS W/GROUND RUN UNDERGROUND IN 4" SLEEVE.
- 11. CHRISTY BOX. UNDERGROUND FIBERLYTE BOX PN FLB. 9" X 12-1/2". TO BE USED IN MEDIANS AS SHOWN ON PLANS.
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- 13. WELL LIGHT. REFERENCE DETAIL.
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- 15. UTILITY METER PEDESTAL. REF. DETAIL AND KEYNOTES.
- 16. EXISTING STREET LIGHT, PROTECT IN PLACE.

**ABBREVIATIONS**

- EXIST. EXISTING TO BE REUSED
- PROV. TO BE FURNISHED AND INSTALLED NEW BY E.C.
- E.C. ELECTRICAL CONTRACTOR
- TYP. TYPICAL

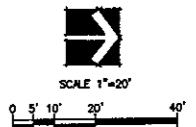


**PARTIAL ELECTRICAL SITE PLAN**

SCALE - 1" = 20' - 0"

①  
E10

050Y5



**KEYMAP - NO SCALE**



NO.	DATE	INT.	REVISIONS	APPR.	DATE
#2	11/19/04	RM	PER CITY PLAN CHECK COMMENTS		
#1	10/09/04	JMN	CIRCUIT LUMINAIRES ON SINGLE LINE		

PREPARED UNDER THE SUPERVISION OF:  
*Joseph M. Nolan*  
JOSEPH M. NOLAN  
R.E.E. 9333 EXP. 09/30/05



APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Goussard*  
TIMOTHY R. GOUSSARD, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
3/23/05

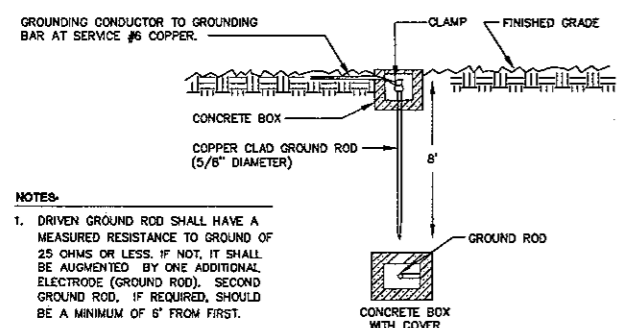
PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-682 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 780.772.6558



**CITY OF LA QUINTA**  
PARTIAL ELECTRICAL SITE PLAN - 59+40 - 62+97.73  
FOR: WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

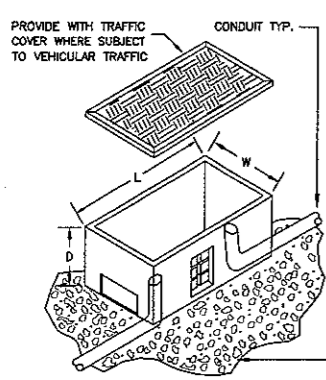
PROJECT: 1220031  
DRAWN: RM  
CHECK: DATE: 5/04/04  
SHEET NO. E10

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09



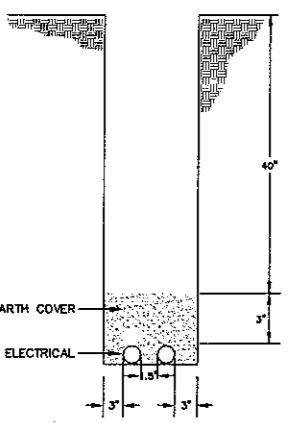
**NOTES:**  
 1. DRIVEN GROUND ROD SHALL HAVE A MEASURED RESISTANCE TO GROUND OF 25 OHMS OR LESS. IF NOT, IT SHALL BE AUGMENTED BY ONE ADDITIONAL ELECTRODE (GROUND ROD). SECOND GROUND ROD, IF REQUIRED, SHOULD BE A MINIMUM OF 6' FROM FIRST.

**DRIVEN GROUND ROD DETAIL**  
 NO SCALE 1  
E11



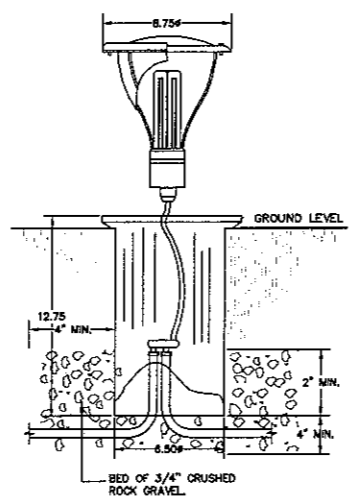
**NOTES:**  
 1. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON PULLBOX.  
 2. REFERENCE ELECTRICAL SITE PLAN FOR SIZE OF CONDUITS.  
 3. DIMENSIONS SHOWN FOR PULLBOX ARE TO BE AS SHOWN ON ELECTRICAL SYMBOLS UNLESS NOTED OTHERWISE ON ELECTRICAL SITE PLAN KEYNOTES.  
 4. PROVIDE SCHEDULE 80 SWEEPS INTO PULLBOX WHERE SWEEPS ARE REQUIRED.

**PULLBOX INSTALLATION DETAIL**  
 NO SCALE 2  
E11



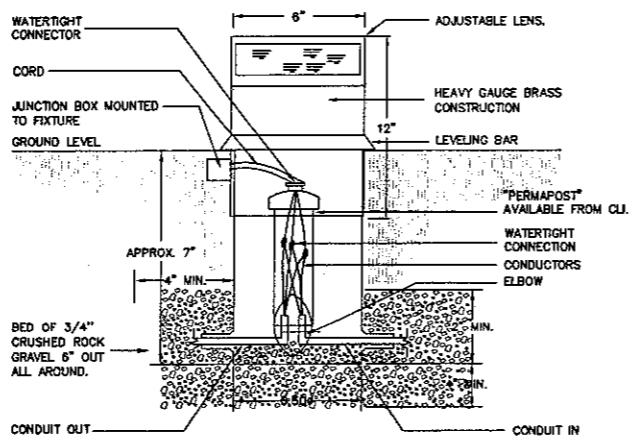
**NOTES:**  
 1. THIS DETAIL IS FOR BIDDING PURPOSES ONLY. UTILITIES ARE TO PROV. DIMENSIONS AND FILL REQUIRED FOR CONSTRUCTION.  
 2. VERIFY EXACT LOCATION OF TRENCH WITH UTILITY COMPANY.  
 3. TRENCH NOT TO BE COVERED UNTIL POWER AND UTILITY WIRES ARE INSTALLED.  
 4. COMPACT TO 90% OR TO ELECTRICAL UTILITY STANDARDS.  
 5. ELECTRICAL CONTRACTOR TO COORDINATE SIZE AND TYPE OF CONDUIT(S), PULLROPS, BURIAL DEPTHS, ETC. WITH INFORMATION PROVIDED BY UTILITIES.  
 6. IT IS ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO CONTACT DRY UTILITIES AND OBTAIN A COMPLETE LIST OF UTILITY REQUIREMENTS. ELECTRICAL CONTRACTOR IS TO INCLUDE IN HIS BID PRICE, ALL COSTS, INVOLVED IN BRINGING DRY UTILITIES TO THE SITE. OWNER WILL PAY COSTS ASSOCIATED WITH APPLYING FOR NEW DRY UTILITY SERVICE. IF E.C. IS UNABLE TO CONTACT ANY DRY UTILITY, HE IS TO CONTACT THE ELECTRICAL ENGINEER, PRIOR TO BID, FOR DIRECTION.

**SERVICE LATERAL TRENCH DETAIL**  
 NO SCALE 3  
E11



**NOTES:**  
 1. FIXTURE TO BE LUMIERE CAT. #012104 CONTACT MR. CHARLIE COLLINS (818) 986-1811 EXT 116. USE 32W CFL LAMP WITH 240V BALLAST.  
 2. ALL CONNECTIONS TO FIXTURE TO BE MADE WATER TIGHT. REF SPEC.  
 3. PROVIDE WITH PHOTOELECTRIC CONTROL.  
 4. CONTRACTOR TO PROVIDE NECESSARY HARDWARE TO PLACE FIXTURE IN GROUND.  
 5. LOCATIONS SHOWN ARE DIAGRAMMATICAL COORDINATE EXACT PLACEMENT WITH LANDSCAPE ARCHITECT.

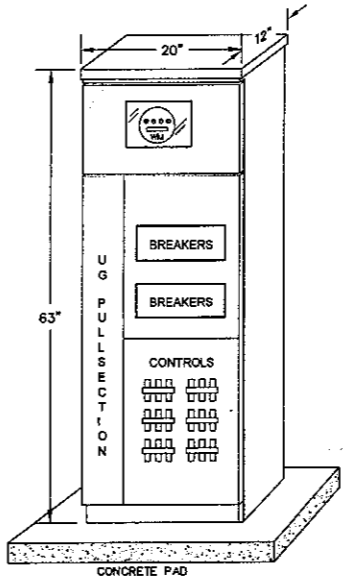
**DETAIL - FIXTURE "A" WELL LIGHT**  
 NO SCALE 4  
E11



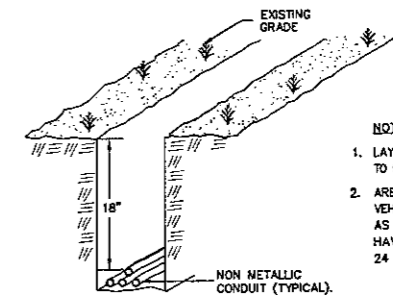
**NOTES:**  
 1. FIXTURE TO BE CLJ FIXTURES FWL-26. CONTACT MR. FRANK HALCOVICH (760) 328-9431. USE 2-13W CFL FLUORESCENT WITH 240V BALLAST.  
 2. FIXTURES WILL REQUIRE AIMING (ADJUSTING OF LENS) AFTER INSTALLATION.  
 3. ALL CONNECTIONS TO FIXTURE TO BE MADE WATER TIGHT. REF SPEC.  
 4. PROVIDE WITH PHOTOELECTRIC CONTROL. REF CONTROL DIAGRAM  
 5. CONTRACTOR TO PROVIDE NECESSARY HARDWARE TO PLACE FIXTURE IN GROUND. PERMAPOST IS AVAILABLE FROM CLJ.  
 6. FINISH - WILL BE PROVIDED BY CITY ON RETURN SUBMITTALS.

**DETAIL - FIXTURE "B" UP LIGHT**  
 NO SCALE 5  
E11

**NOTES:**  
 1. SWITCHBOARD TO BE IN NEMA 3R CABINET WITH HASP.  
 2. ORDERING INFORMATION ON SWITCHGEAR MAY BE OBTAINED FROM SCOTT GREEN @ TESCO (916) 385-8800. SWITCHBOARD MODEL #27-100 AND IS TO BE SUPPLIED WITH MAIN & BRANCH CIRCUIT BREAKERS AS INDICATED ON A.C. BREAKER ASSIGNMENTS.  
 3. REF BREAKER ASSIGNMENTS FOR INFO ON MAIN CIRCUIT BREAKER, INTERIOR SPACES AND OTHER INFO.  
 4. PAD TO BE 2000PS CONCRETE 8" THICK, 4" ABOVE GROUND, 4" BELOW. EXTEND 4" BEYOND SWITCHGEAR ON ALL SIDES.  
 5. SWITCHGEAR TO BE SECURED TO PAD WITH 5/8" X 5" ANCHOR BOLTS AT EACH CORNER.  
 6. PROVIDE 3' LEVEL & CLEAR WORKING SPACE IN FRONT OF PEDESTAL.  
 7. ENCLOSURE SHOWN IS TO HAVE SUFFICIENT SPACE FOR MOUNTING OF P.E. CELL, LIGHTING CONTACTORS, TIMELOCKS, & CONTROLS IN AUXILIARY SECTION, SEPARATE FROM LIVE EXPOSED ELECTRICAL PARTS. ALTERNATE SUBMITTAL WILL ONLY BE CONSIDERED IF ALL EQUIPMENT CAN BE MOUNTED IN THE ONE ENCLOSURE.  
 8. PROVIDE DUPLEX GFCI RECEPTACLE TO BE MOUNTED INSIDE PANELBOARD.  
 9. COLOR OF SWITCHBOARD IS TO BE PROVIDED ON RETURNED SUBMITTALS.  
 10. PHOTOCELL WINDOW IS TO FACE NORTH OR EAST.

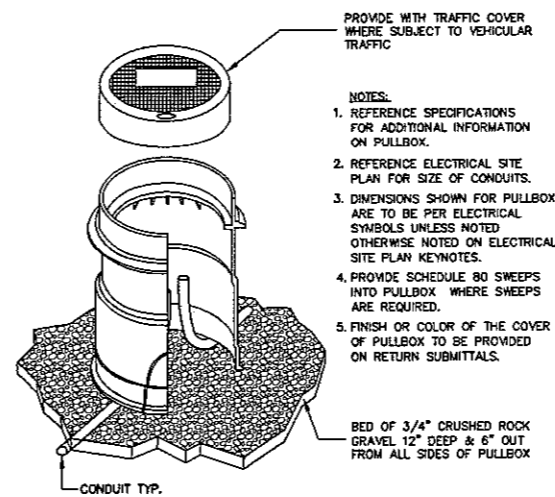


**METER PEDESTAL DETAIL**  
 NO SCALE 6  
E11



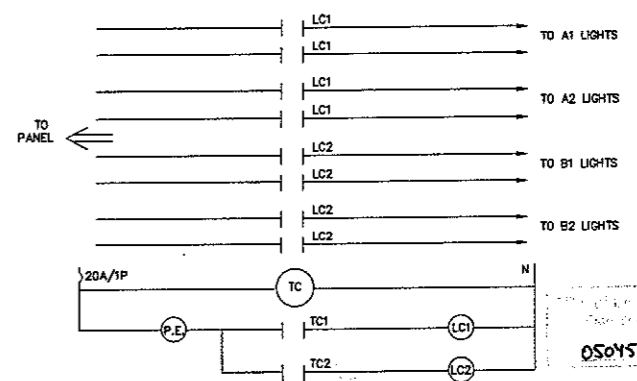
**NOTES:**  
 1. LAY CONDUIT, FILL, COMPACT TO 90% MATCH SURROUNDING.  
 2. AREAS SUBJECT TO VEHICULAR TRAFFIC, SUCH AS THOROUGHFARES, SHALL HAVE A MINIMUM COVER OF 24 INCHES.

**BRANCH CIRCUIT TRENCH DETAIL**  
 NO SCALE 8  
E11



**NOTES:**  
 1. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON PULLBOX.  
 2. REFERENCE ELECTRICAL SITE PLAN FOR SIZE OF CONDUITS.  
 3. DIMENSIONS SHOWN FOR PULLBOX ARE TO BE PER ELECTRICAL SYMBOLS UNLESS NOTED OTHERWISE NOTED ON ELECTRICAL SITE PLAN KEYNOTES.  
 4. PROVIDE SCHEDULE 80 SWEEPS INTO PULLBOX WHERE SWEEPS ARE REQUIRED.  
 5. FINISH OR COLOR OF THE COVER OF PULLBOX TO BE PROVIDED ON RETURN SUBMITTALS.

**PULLBOX INSTALLATION DETAIL**  
 NO SCALE 7  
E11



**NOTES:**  
 1. ALL CONTROL WIRING TO BE #12THW COPPER IN 1/2" C WHERE EXPOSED.  
 2. RATINGS OF CONTACTORS TO MATCH CIRCUIT BREAKER.  
 3. TIMELOCK TO BE TORK MODEL DZS200A - 120V  
 4. MOUNT NEW LIGHTING CONTACTORS AND TIMELOCK IN DEDICATED, SEPARATE COMPARTMENT IN NEW METER PEDESTAL. REF. DETAIL.  
 5. ALL LIGHTS TO BE CONTROLLED BY P.E. CELL ON, TIMELOCK OFF.

**SYMBOLS:**  
 (P.E.) P.E. CELL, E.C. TO PROV. AND MOUNT IN PROPOSED PEDESTAL.  
 (LC) LIGHTING CONTACTOR COIL, WHERE A SIGNIFIES CONTACT BEING CONTROLLED  
 LC1 LIGHTING CONTACT, CONTROLLED BY LC1.  
 (TC) TIMELOCK

**LIGHTING CONTROL DIAGRAM**  
 NO SCALE 9  
E11

NO.	DATE	INT.	REVISIONS	APPR.	DATE
#2	11/18/04	RM	PER CITY PLAN CHECK COMMENTS		
#1	10/29/04	JMN	CIRCUIT LUMINAIRES ON SINGLE LINE		

PREPARED UNDER THE SUPERVISION OF:  
  
 JOSEPH M. NOLAN  
 R.E.E. 9333 EXP. 09/30/05



APPROVED BY:  
 CITY OF LA QUINTA  
  
 TIMOTHY R. JONASSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 3/23/05

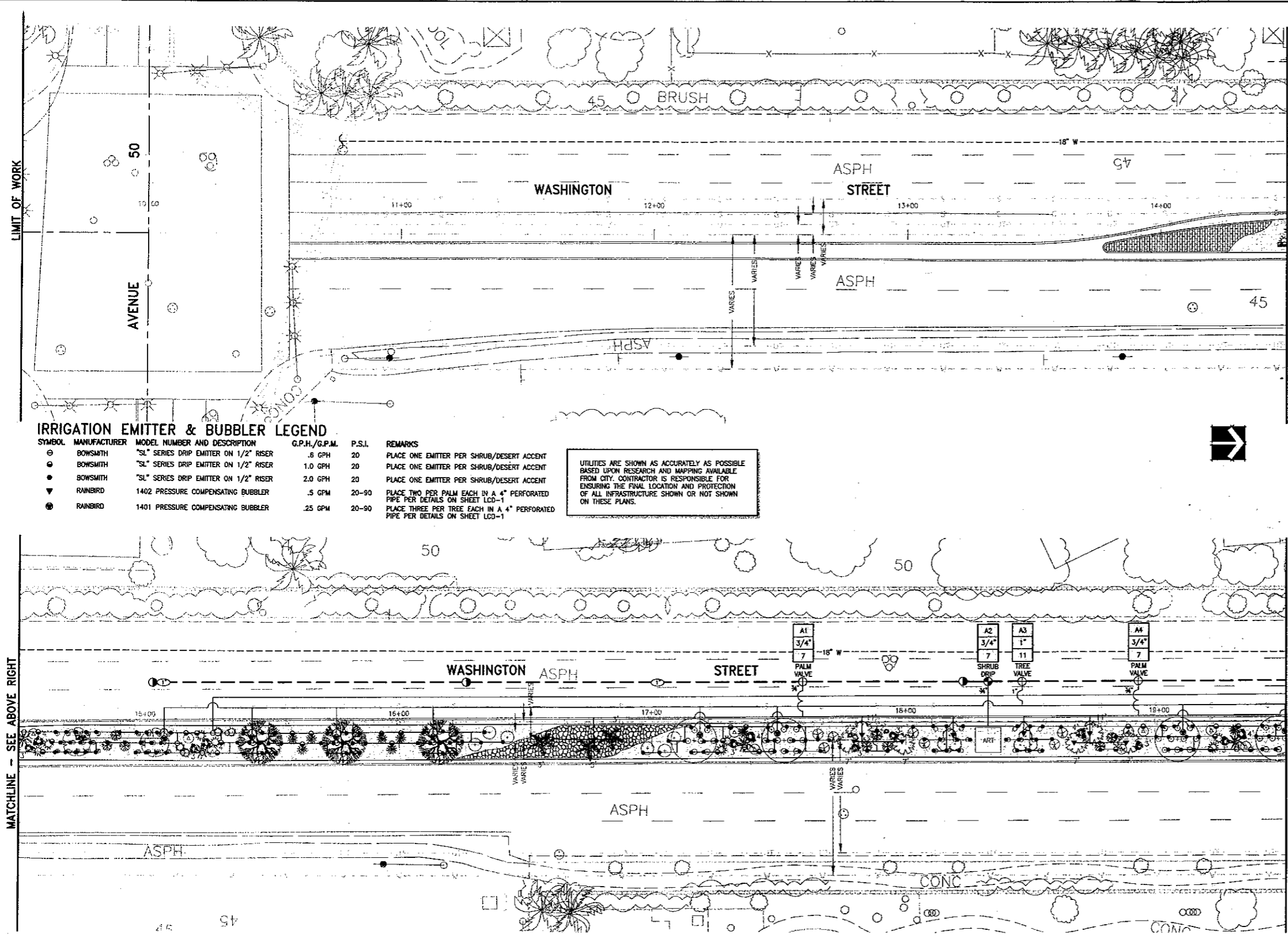
PLANS PREPARED BY:  
  
 DAVID EVANS  
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 77-882 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6558

DREAM  
 Engineering Inc. - Consulting Electrical Engineers  
 1981 • 23RD ANNIVERSARY • 2004  
 APPLE VALLEY FAX (760)242-1092 PALM DESERT  
 (760)242-3369 (760)773-4478  
 dream@dreamer.net dreampe@aol.com

CITY OF LA QUINTA  
 ELECTRICAL DETAILS  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

PROJECT: 1220031  
 DRAWN: RM  
 CHECK: DATE: 5/04/04  
 SHEET NO. E11





**CVWD AB325 CALCULATIONS**

AB 325 IRRIGATION WATER CALCULATIONS  
 Project Name: Washington Street Median Improvements (Avenue 48 to Avenue 50)  
 CLAD0000-0025 Eto Zone # 2  
 POC # 1, 2  
 Plant Type: Desert Native Plantings on Drip Irrigation 1

	POC #1	POC #2
Project Square Feet	41,549	27,496
Fines (Planting)	28,363	18,728
Sun Pebbles	5,432	3,386
Hardscope	7,754	5,364
Total Sq. Ft.	41,549	

0.95 acres  
 Maximum Water Allowance: 943 ccf / year  
 $68.82 \times .60 \times 28,363 \times .62 / 748 = \text{ccf per year}$   
 $\text{eto} = 93.9$

Seasons	Months	Eto	Plant Factor	-Low	Moderate
Spring	Feb, Mar, April	14.72		0.2	0.5
Summer	May, June, July, Aug, Sept	40.75		0.2	0.5
Fall / Winter	Oct, Nov, Dec, Jan	11.35		0.2	0.5

Estimated Applied Water Use (Low Water Use Plants):  
 $\text{Eto} \times \text{KL} \times \text{sq. ft.} \times .62 / \text{IE} \times 748 = 100 \text{ cubic feet per year}$   
 Planting  $14.72 \times .2 \times 13,386 \times .62 / (748 \times .9) = 36.29$   
 Spring Total 36.29 CCF  
 Planting  $40.75 \times .2 \times 13,386 \times .62 / (748 \times .9) = 100.48$   
 Summer Total 100.48 CCF  
 Planting  $11.35 \times .2 \times 13,386 \times .62 / (748 \times .9) = 27.99$   
 Fall / Winter Total 27.99 CCF  
 Estimated Water Use Total 164.76 CCF

Estimated Applied Water Use (Moderate Water Use Plants):  
 $\text{Eto} \times \text{KL} \times \text{sq. ft.} \times .62 / \text{IE} \times 748 = 100 \text{ cubic feet per year}$   
 Planting  $14.72 \times .5 \times 5,342 \times .62 / (748 \times .9) = 36.21$   
 Spring Total 36.21 CCF  
 Planting  $40.75 \times .5 \times 5,342 \times .62 / (748 \times .9) = 100.24$   
 Summer Total 100.24 CCF  
 Planting  $11.35 \times .5 \times 5,342 \times .62 / (748 \times .9) = 27.92$   
 Fall / Winter Total 27.92 CCF  
 Estimated Water Use Total 164.37 CCF

Estimated Applied Water Use (Low Water Use Plants):  
 $\text{Eto} \times \text{KL} \times \text{sq. ft.} \times .62 / \text{IE} \times 748 = 100 \text{ cubic feet per year}$   
 Planting  $14.72 \times .2 \times 7,233 \times .62 / (748 \times .9) = 19.61$   
 Spring Total 19.61 CCF  
 Planting  $40.75 \times .2 \times 7,233 \times .62 / (748 \times .9) = 54.29$   
 Summer Total 54.29 CCF  
 Planting  $11.35 \times .2 \times 7,233 \times .62 / (748 \times .9) = 15.12$   
 Fall / Winter Total 15.12 CCF  
 Estimated Water Use Total 89.02 CCF

Estimated Applied Water Use (Moderate Water Use Plants):  
 $\text{Eto} \times \text{KL} \times \text{sq. ft.} \times .62 / \text{IE} \times 748 = 100 \text{ cubic feet per year}$   
 Planting  $14.72 \times .5 \times 2,402 \times .62 / (748 \times .9) = 16.26$   
 Spring Total 16.26 CCF  
 Planting  $40.75 \times .5 \times 2,402 \times .62 / (748 \times .9) = 45.07$   
 Summer Total 45.07 CCF  
 Planting  $11.35 \times .5 \times 2,402 \times .62 / (748 \times .9) = 12.55$   
 Fall / Winter Total 12.55 CCF  
 Estimated Water Use Total 73.90 CCF

MAWA= 943 CCF  
 EWU= 492 CCF

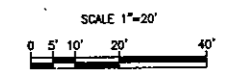
CITY OF LA QUINTA  
 Plan Set No.  
**05045**

**PROJECT AREA**

TOTAL PROJECT AREA IS 41,549 S.F.  
 TOTAL LANDSCAPE AREA IS 28,363 S.F.,  
 27,263 S.F. IN THE FINES AREA AND 1,100 S.F. OF PALM PLANTINGS IN THE SUN PEBBLES AREA.  
 NOTE: 20,800 S.F. OF THE ABOVE CONSISTS OF "DESERT PLANTINGS"-LOW WATER USE SHRUBS IN THE FINES AREA, 7,754 S.F. CONSISTS OF MODERATE WATER USE TREES AND PALMS - 6,654 S.F. IN THE FINES AREA AND 1,100 S.F. IN THE SUN PEBBLES AREA - NO TURF.

SEE SHEET LCN-1 FOR IRRIGATION LEGEND.

IRRIGATION PIPE IS SHOWN DIAGRAMMATICALLY FOR CLARITY PURPOSES ONLY - PLACE ALL PIPING AND EQUIPMENT IN PLANTING AREAS, WHERE PIPE CROSSES PAVEMENT, PLACE IN SLEEVES.



**IRRIGATION EMITTER & BUBBLER LEGEND**

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	G.P.H./G.P.M.	P.S.I.	REMARKS
⊙	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	.6 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
⊙	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	1.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
⊙	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	2.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
▼	RAINBIRD	1402 PRESSURE COMPENSATING BUBBLER	.5 GPM	20-90	PLACE TWO PER PALM EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCC-1
⊙	RAINBIRD	1401 PRESSURE COMPENSATING BUBBLER	.25 GPM	20-90	PLACE THREE PER TREE EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCC-1

UTILITIES ARE SHOWN AS ACCURATELY AS POSSIBLE BASED UPON RESEARCH AND MAPPING AVAILABLE FROM CITY. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FINAL LOCATION AND PROTECTION OF ALL INFRASTRUCTURE SHOWN OR NOT SHOWN ON THESE PLANS.

Underground Service Alert  
 Call: TOLL FREE  
 1-800-422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

PREPARED UNDER THE SUPERVISION OF: <b>K. Rhodes</b> KIM S. RHODES R.L.A. 3867 EXP. 09/30/06	APPROVED BY: CITY OF LA QUINTA <b>Timothy R. Jonsson</b> TIMOTHY R. JONSSON, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER REC. NO. 45943 EXP 12/31/06 3/23/05	PLANS PREPARED BY: <b>DAVID EVANS AND ASSOCIATES INC.</b> 77-682 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6556	THESE PLANS HAVE BEEN REVIEWED BY THE COACHELLA VALLEY WATER DISTRICT IN ACCORDANCE WITH WATER CODE TITLE 7, DIVISION 1, CHAPTER 3, ARTICLE 10.0, SECTION 62097 et seq. REGARDING EFFICIENT LANDSCAPE AND IRRIGATION DESIGN IN COOPERATION WITH THE LOCAL GOVERNING AGENCY (CITY OR COUNTY). APPROVAL OF THIS DRAWING BY CVWD STAFF DOES NOT CONSTITUTE APPROVAL TO ENCROACH INTO DISTRICT AND USDR RIGHTS-OF-WAY. THESE PLANTS, SOILS AND PERMANENT STRUCTURES OF ANY KIND/TREE NOT BE PLANTED OR INSTALLED IN CVWD AND USDR RIGHTS-OF-WAY WITHOUT FIRST OBTAINING AN ENCROACHMENT PERMIT FROM CVWD. DATE: 1-26-05 <b>David DeLong</b> WATER MANAGEMENT SPECIALIST <b>Ann Jansen</b>	CITY OF LA QUINTA <b>IRRIGATION PLAN</b> WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50	DESIGN: KSR DRAFT: RDHA CHECK: KSR DATE: 8-04-04 DWS. No. CLAD00025 SHEET: 1-1
--	---	---	--	--	---

IRRIGATION WATER CALCULATION

WORST CASE

Project Name: Washington Street  
Station #: A3

Static Pressure Low: 80  
Max. GPM Demand: 11

Units	Size	Type	Description	GPM	Unit PSI Loss
1	3/4"	By Other	Water Meter	11	1.9
1	1"	Fabco Brass	Backflow Preventer	11	12.00
1	1"	Superior Brass	Master Valve	11	0.9
1	1"	Watts Brass	Pressure Reducer	11	8.00
2	1-1/2"	Nibco Brass	Ball Valve	11	0.1
1	1-1/2"	Superior Brass	Control Valve	11	0.72
985 LF	1-1/2"	Sch 40 PVC	Mainline	11	3.47
5 LF	1-1/2"	Sch 40 PVC	Lateral line	11	.14
337 LF	3/4"	Sch 40 PVC	Lateral line	6	10.18
Misc.	10x	Fittings	Allowance	11	1.51

Component Losses:	38.92
Min. Required by head:	20
Elev. Loss/Gain (1.03' Loss):	-0.45
Total Requirement:	38.47
Pressure Regulator set at:	70 PSI
Total Residual:	11.53

POINT-OF-CONNECTION FOR WASHINGTON STREET

POC NUMBER:	1
CONTROLLER #:	A
WATER METER SIZE:	3/4" NEW
STATIC PRESSURE:	80 PSI
MAXIMUM GPM:	11
PRESSURE REGULATOR SET AT:	70 PSI
BACKFLOW PREVENTOR - COORD. WITH CWD.	

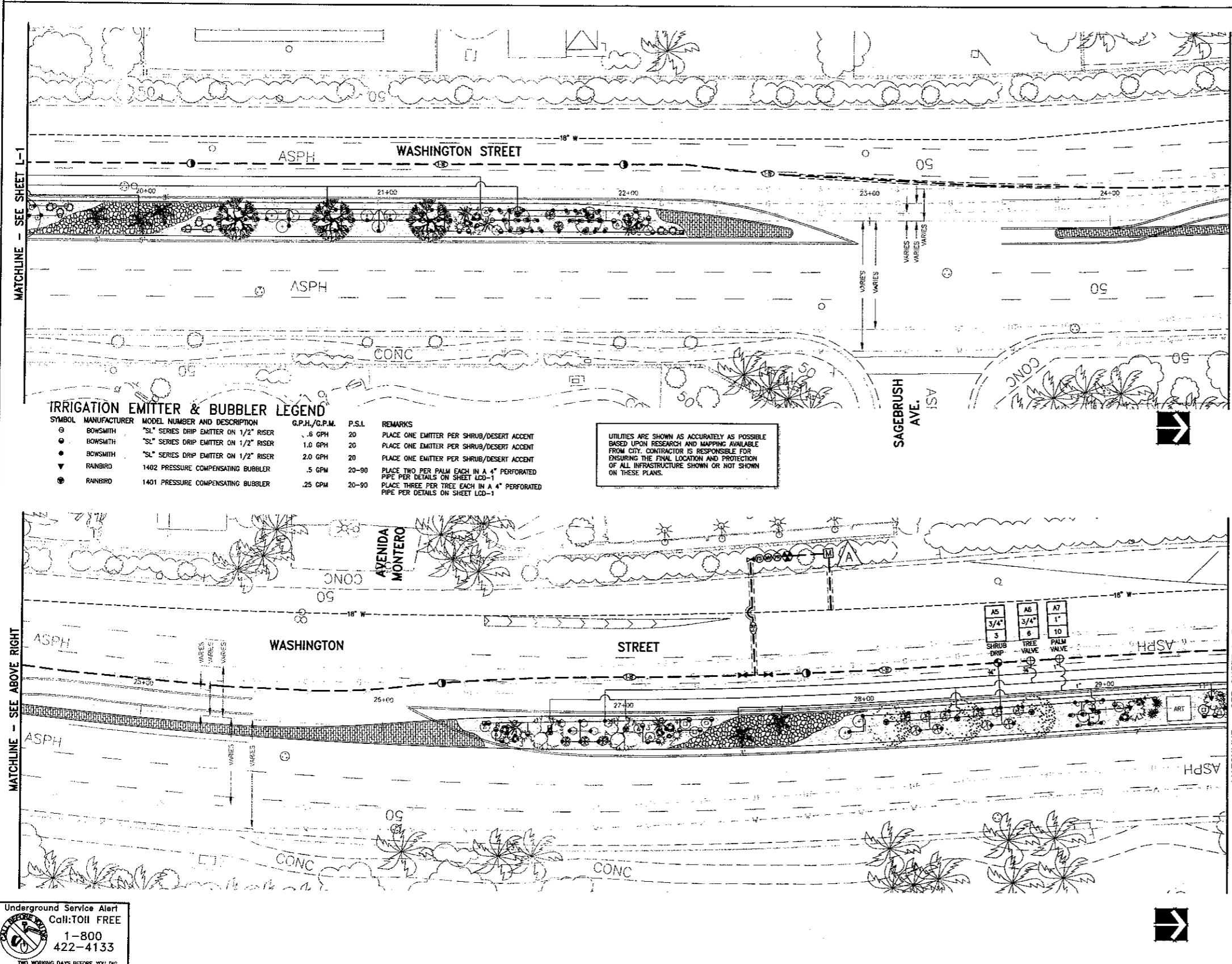
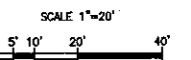
CONTRACTOR SHALL PLACE POINT-OF-CONNECTION IN PLANTING AREA AND NOT WITHIN DECORATIVE ROCK - LOCATION IS SHOWN DIAGMATICALLY AND IS SUBJECT TO CHANGE AS DIRECTED BY CWD AND THE CITY OF LA QUINTA.

IRRIGATION PIPE IS SHOWN DIAGMATICALLY FOR CLARITY PURPOSES ONLY - PLACE ALL PIPING AND EQUIPMENT IN PLANTING AREAS. WHERE PIPE CROSSES PAVEMENT, PLACE IN SLEEVING.

SEE ELECTRICAL PLANS FOR POWER POINT OF CONNECTION AND SERVICE TO NEW CONTROLLER.

SEE SHEET LCN-1 FOR IRRIGATION LEGEND.

CITY OF LA QUINTA  
Plan Set No.  
05045



IRRIGATION EMITTER & BUBBLER LEGEND

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	G.P.H./G.P.M.	P.S.I.	REMARKS
○	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	.6 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
●	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	1.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
●	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	2.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
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●	RAINBIRD	1401 PRESSURE COMPENSATING BUBBLER	.25 GPM	20-90	PLACE THREE PER TREE EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCD-1

UTILITIES ARE SHOWN AS ACCURATELY AS POSSIBLE BASED UPON RESEARCH AND MAPPING AVAILABLE FROM CITY. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FINAL LOCATION AND PROTECTION OF ALL INFRASTRUCTURE SHOWN OR NOT SHOWN ON THESE PLANS.

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Call: TOLL FREE  
1-800-422-4133  
TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
*K. Rhodes*  
KIM S. RHODES  
R.L.A. 3867 EXP. 09/30/06



APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Jonsson*  
TIMOTHY R. JONSSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
3/23/05

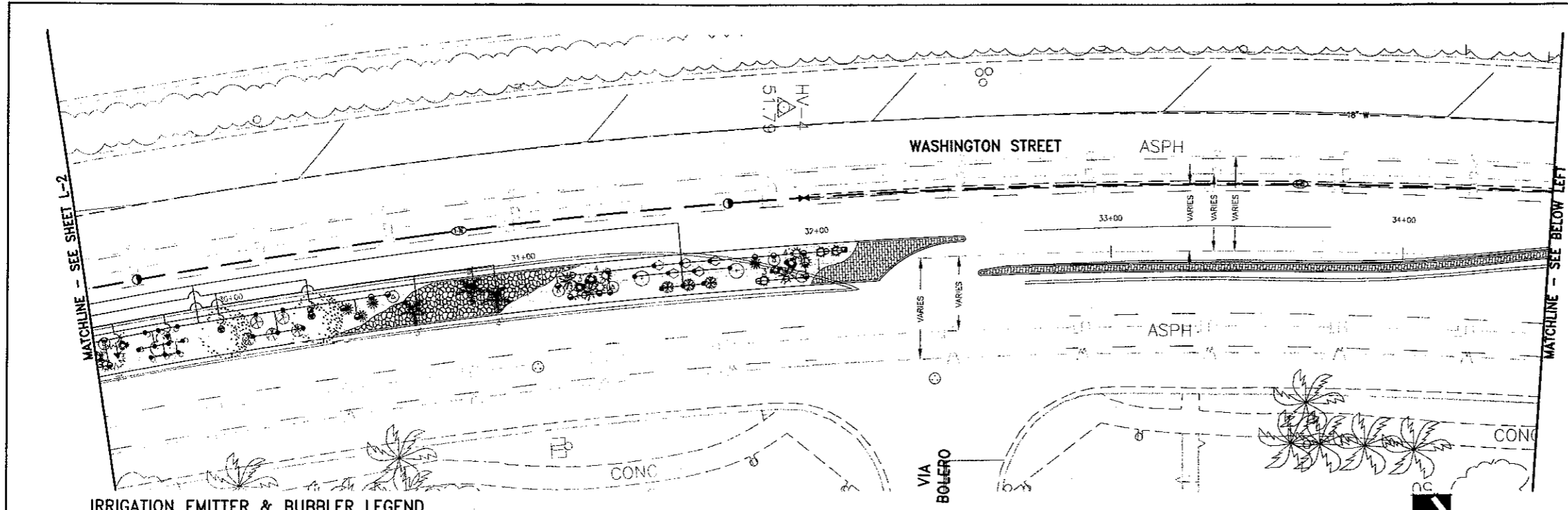
PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-882 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.8558

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.8, Section 05047 et seq. regarding efficient landscapes and irrigation design in cooperation with the local governing agency (City or County).  
Approval of this drawing by CWD Staff does not constitute approval to encroach into district and USBR Right-of-Way. These plants, walls and permanent structures of any kind may not be installed or installed in CWD and USBR easements or right-of-way without first obtaining an encroachment permit from CWD.  
DATE: 1-26-05  
WATER MANAGEMENT SPECIALIST: *David H. Dilling*  
DEVELOPMENT SERVICES SUPERVISOR: *Jim Juntan*

CITY OF LA QUINTA  
IRRIGATION PLAN  
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

DESIGN:	KSR	DRAFT:	RDHA
CHECK:	KSR	DATE:	8-04-04
DWG. No.	CLA00025	SHEET:	L-2

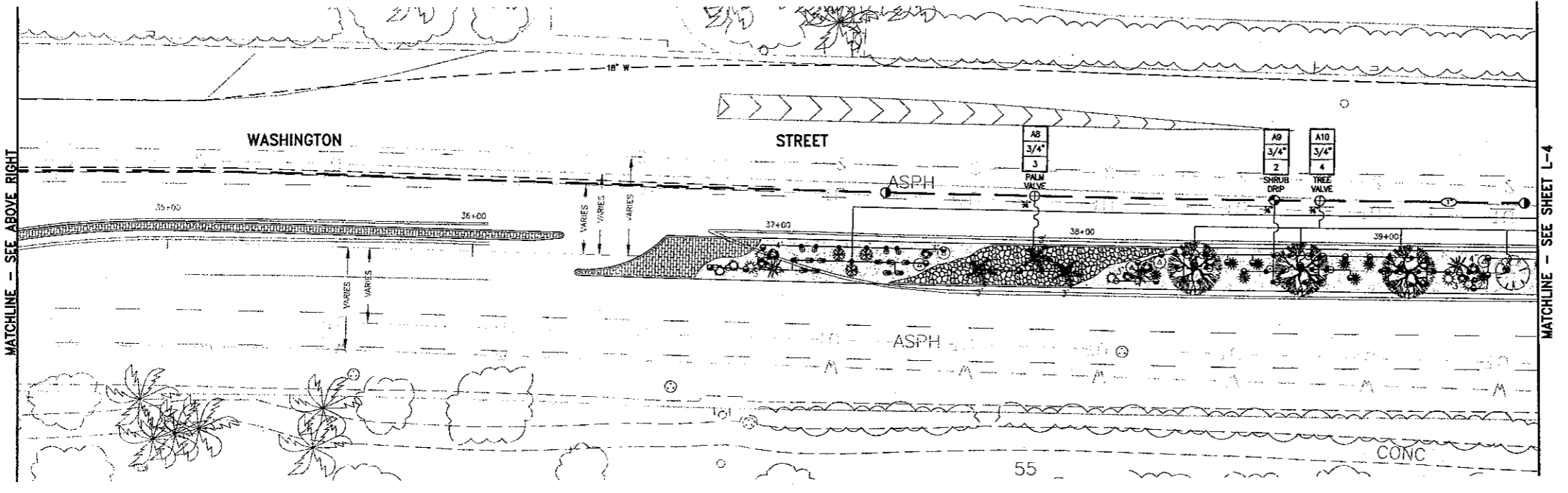
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09



**IRRIGATION EMITTER & BUBBLER LEGEND**

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	G.P.H./G.P.M.	P.S.I.	REMARKS
○	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	.5 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
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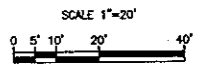
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IRRIGATION PIPE IS SHOWN DIAGRAMMATICALLY FOR CLARITY PURPOSES ONLY - PLACE ALL PIPING AND EQUIPMENT IN PLANTING AREAS. WHERE PIPE CROSSES PAVEMENT, PLACE IN SLEEVING.

SEE SHEET LCD-1 FOR IRRIGATION LEGEND.

CITY OF LA QUINTA  
 Plan Set No.  
 05015



**Underground Service Alert**  
 Call: TOLL FREE  
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 TWO WORKING DAYS BEFORE YOU DIG

REFERENCES	NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
*R. Rhodes*  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06



APPROVED BY:  
 CITY OF LA QUINTA  
*Timothy R. Jonsson*  
 TIMOTHY R. JONSSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/08  
 3/23/05  
 DATE

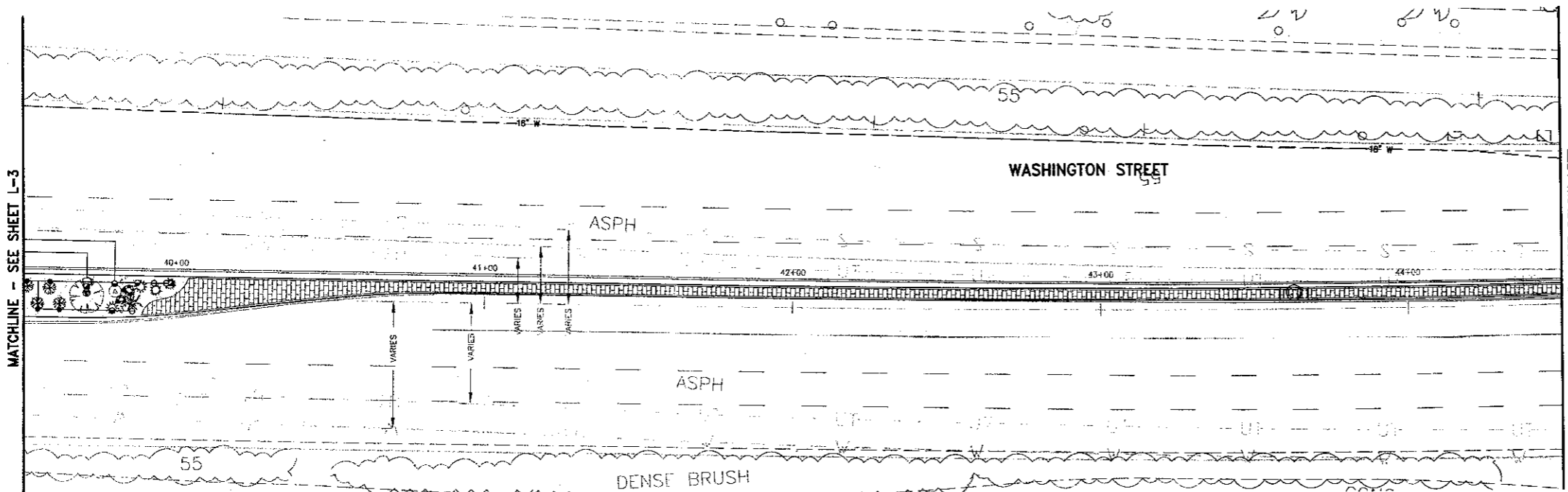
PLANS PREPARED BY:  
  
**DAVID EVANS AND ASSOCIATES INC.**  
 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6568

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 2, Division 2, Chapter 2, Article 10.0, Section 80507 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
 Approval of the drawing by CWD Staff does not constitute approval to encroach into district and USWR Rights-of-Way, trees, plants, soils and permanent structures of any kind that may not be planted or installed in CWD and USWR easements or right-of-way without first obtaining an encroachment permit from CWD.  
 DATE: 1-26-05  
  
 DAVID EVANS  
 DEVELOPMENT SERVICES SUPERVISOR

**CITY OF LA QUINTA**  
 IRRIGATION PLAN  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR	DRAFT: RDHA
CHECK: KSR	DATE: 8-04-04
DWG. No. CLA00025	
SHEET: L-3	

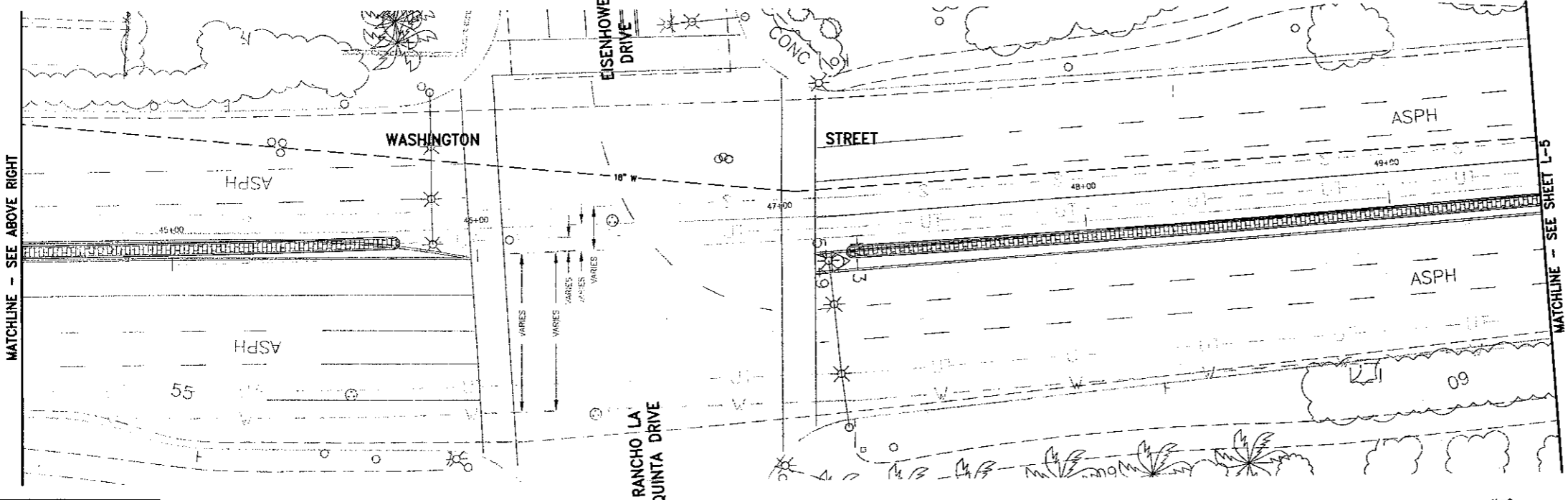
WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09



**IRRIGATION EMITTER & BUBBLER LEGEND**

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	G.P.H./G.P.M.	P.S.I.	REMARKS
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●	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	2.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
▼	RANBIRD	1402 PRESSURE COMPENSATING BUBBLER	.5 GPM	20-90	PLACE TWO PER PALM EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCD-1
⊙	RANBIRD	1401 PRESSURE COMPENSATING BUBBLER	.25 GPM	20-90	PLACE THREE PER TREE EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCD-1

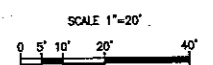
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SEE SHEET LCD-1 FOR IRRIGATION LEGEND.

CITY OF LA QUINTA  
 Plan Set No.  
 05055



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 TWO WORKING DAYS BEFORE YOU DIG

REFERENCES	NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
**K. Rhodes**  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06



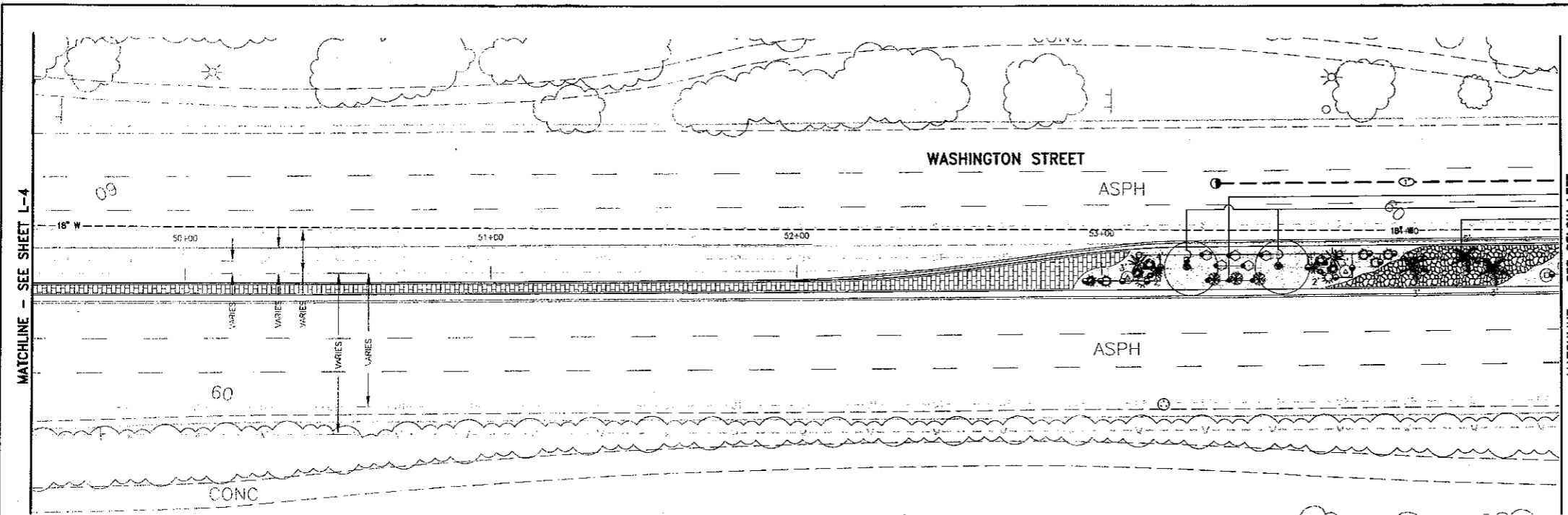
APPROVED BY:  
**Janith R. Jonsson**  
 JANITH R. JONSSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 DATE 3/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
 77-882 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.8558

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.5, Section 10027 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
 Approval of this drawing by CWD Staff does not constitute approval to encroach into district and USBR Rights-of-Way. These plants, scale and permanent structures of any kind may not be planted or installed in CWD and USBR easements or Right-of-Way without first obtaining an encroachment permit from CWD.  
 DATE 1-26-05  
**Michael Schley**  
 WATER MANAGEMENT SPECIALIST  
**Jim Johnson**  
 DEVELOPMENT SERVICES SUPERVISOR

**CITY OF LA QUINTA**  
 IRRIGATION PLAN  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR  
 DRAFT: RDHA  
 CHECK: KSR  
 DATE: 8-04-04  
 DWG. No. CUA0025  
 SHEET: L-4



**IRRIGATION WATER CALCULATION**

**WORST CASE**

Project Name: Washington Street  
 Station #: 84

Static Pressure Low: 90  
 Max. GPM Demand: 12

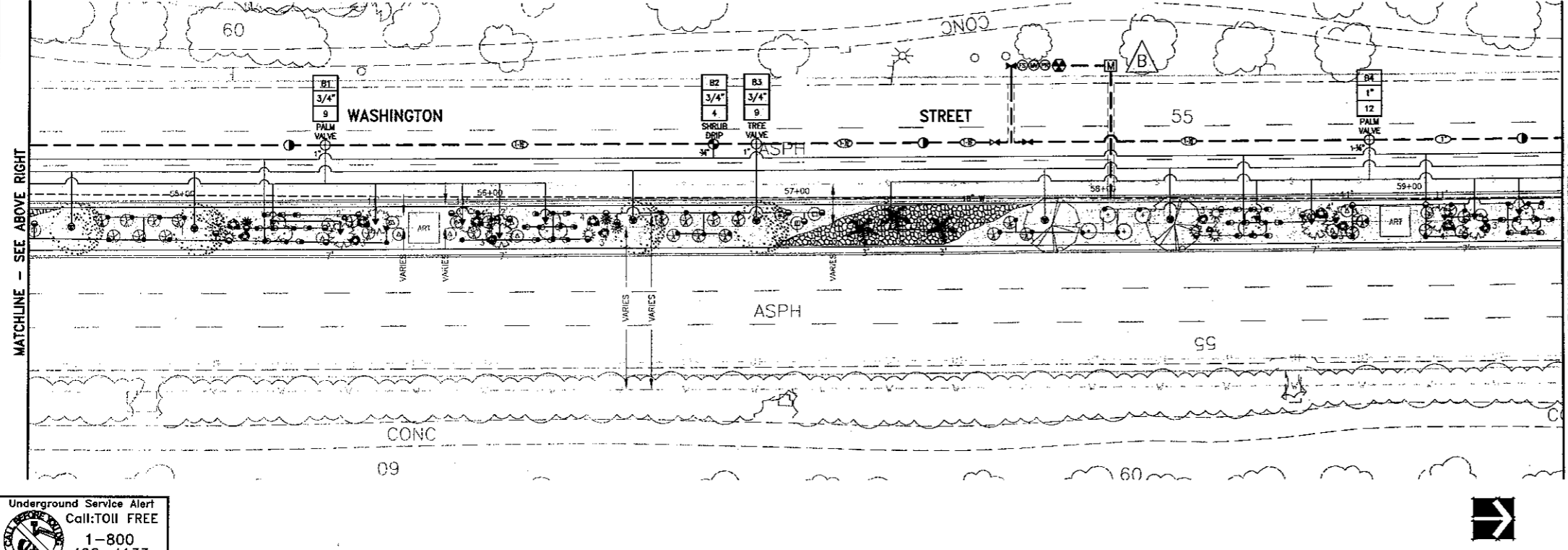
Units	Size	Type	Description	GPM	Unit PSI Loss
1	3/4"	By Other	Water Meter	12	2.2
1	1"	Febco Brass	Backflow Preventer	12	12.00
1	1"	Superior Brass	Master Valve	12	0.9
1	1"	Watts Brass	Pressure Reducer	12	8.00
2	1-1/2"	Nibco Brass	Ball Valve	12	0.1
1	1-1/2"	Superior Brass	Control Valve	12	0.84
240 LF	1-1/2"	Sch 40 PVC	Mainline	12	1.01
5 LF	1-1/4"	Sch 40 PVC	Lateral line	12	0.05
180 LF	3/4"	Sch 40 PVC	Lateral line	6	5.44
Misc.	10X	Fittings	Allowance	12	0.65

Component Losses: 31.19  
 Min. Required by local: 20  
 Elev. Loss/Gain (3.11' Gain): 1.39  
 Total Requirement: 52.54  
 Pressure Regulator set at: 70  
 Total Residual: 17.46

**IRRIGATION EMITTER & BUBBLER LEGEND**

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	G.P.H./G.P.M.	P.S.I.	REMARKS
○	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	.6 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
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UTILITIES ARE SHOWN AS ACCURATELY AS POSSIBLE BASED UPON RESEARCH AND MAPPING AVAILABLE FROM CITY. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FINAL LOCATION AND PROTECTION OF ALL INFRASTRUCTURE SHOWN OR NOT SHOWN ON THESE PLANS.



**POINT-OF-CONNECTION FOR WASHINGTON STREET**

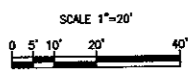
POC NUMBER: 2  
 CONTROLLER #: B  
 WATER METER SIZE: 3/4" NEW  
 STATIC PRESSURE: 90 PSI  
 MAXIMUM GPM: 12  
 PRESSURE REGULATOR SET AT: 70 PSI  
 BACKFLOW PREVENTOR - COORD. WITH CWD.

CONTRACTOR SHALL PLACE POINT-OF-CONNECTION IN PLANTING AREA AND NOT WITHIN DECORATIVE ROCK - LOCATION IS SHOWN DIAGRAMMATICALLY AND IS SUBJECT TO CHANGE AS DIRECTED BY CWD AND THE CITY OF LA QUINTA.

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SEE SHEET LON-1 FOR IRRIGATION LEGEND.

CITY OF LA QUINTA  
 Plan Set No.  
 05045



**Underground Service Alert**  
 Call: TOLL FREE  
 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	REVISIONS	APPR. DATE

PREPARED UNDER THE SUPERVISION OF:  
 K. Rhodes  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06

APPROVED BY:  
 CITY OF LA QUINTA  
 J. Jonathan  
 JIMOTHY J. JONASSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO. 45843 EXP. 12/31/06  
 DATE: 3/23/05

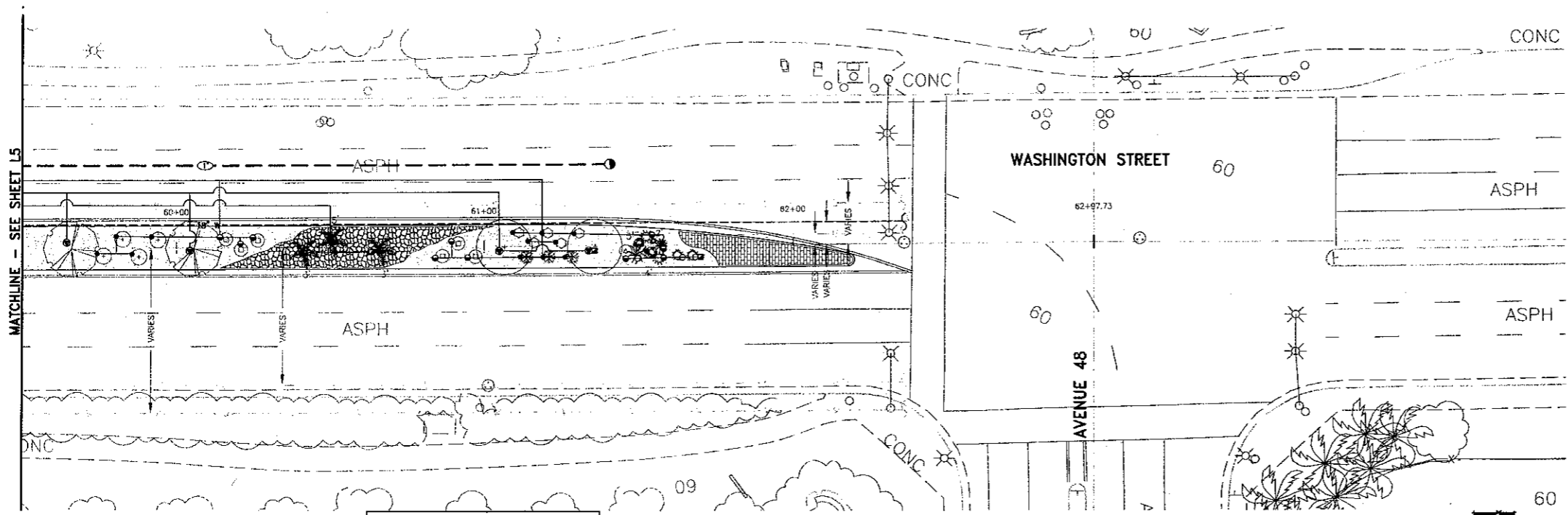
PLANS PREPARED BY:  
 DE  
 DAVID EVANS  
 AND ASSOCIATES INC.  
 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6558

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 2, Division 1, Chapter 3, Article 10.1, Section 85067 et seq. regarding efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
 Approval of this drawing by CWD Staff does not constitute approval to encroach into district and USFR Right-of-Way. Trees, plants, soils and permanent structures of any kind may not be planted or installed in CWD and USFR easements or right-of-way without first obtaining an encroachment permit from CWD.  
 DATE: 1-26-05  
 WATER MANAGEMENT SPECIALIST  
 DEVELOPMENT SERVICES SUPERVISOR

**CITY OF LA QUINTA**  
 IRRIGATION PLAN  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR  
 DRAFT: RDFA  
 CHECK: KSR  
 DATE: 8-04-04  
 DWG. No. CLA00025  
 SHEET: L-5

WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09



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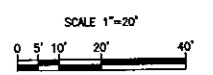
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**IRRIGATION EMITTER & BUBBLER LEGEND**

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	G.P.H./G.P.M.	P.S.I.	REMARKS
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SEE SHEET LCN-1 FOR IRRIGATION LEGEND.

CITY of LA QUINTA  
Plan Set No.  
**05045**



**Underground Service Alert**  
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TWO WORKING DAYS BEFORE YOU DIG

Date: 01/26/05  
 Title: IRRIGATION PLAN  
 Project: WASHINGTON STREET MEDIAN IMPROVEMENTS  
 Location: AVENUE 48 TO AVENUE 50  
 Scale: 1"=20'  
 Author: J. J. JENSEN  
 Designer: J. J. JENSEN  
 Checker: J. J. JENSEN  
 Date: 1-26-05

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
*K. Rhodes*  
KIM S. RHODES  
R.L.A. 3867 EXP. 09/30/06

APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Jonasson*  
TIMOTHY R. JONASSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
DATE: 1-24-05

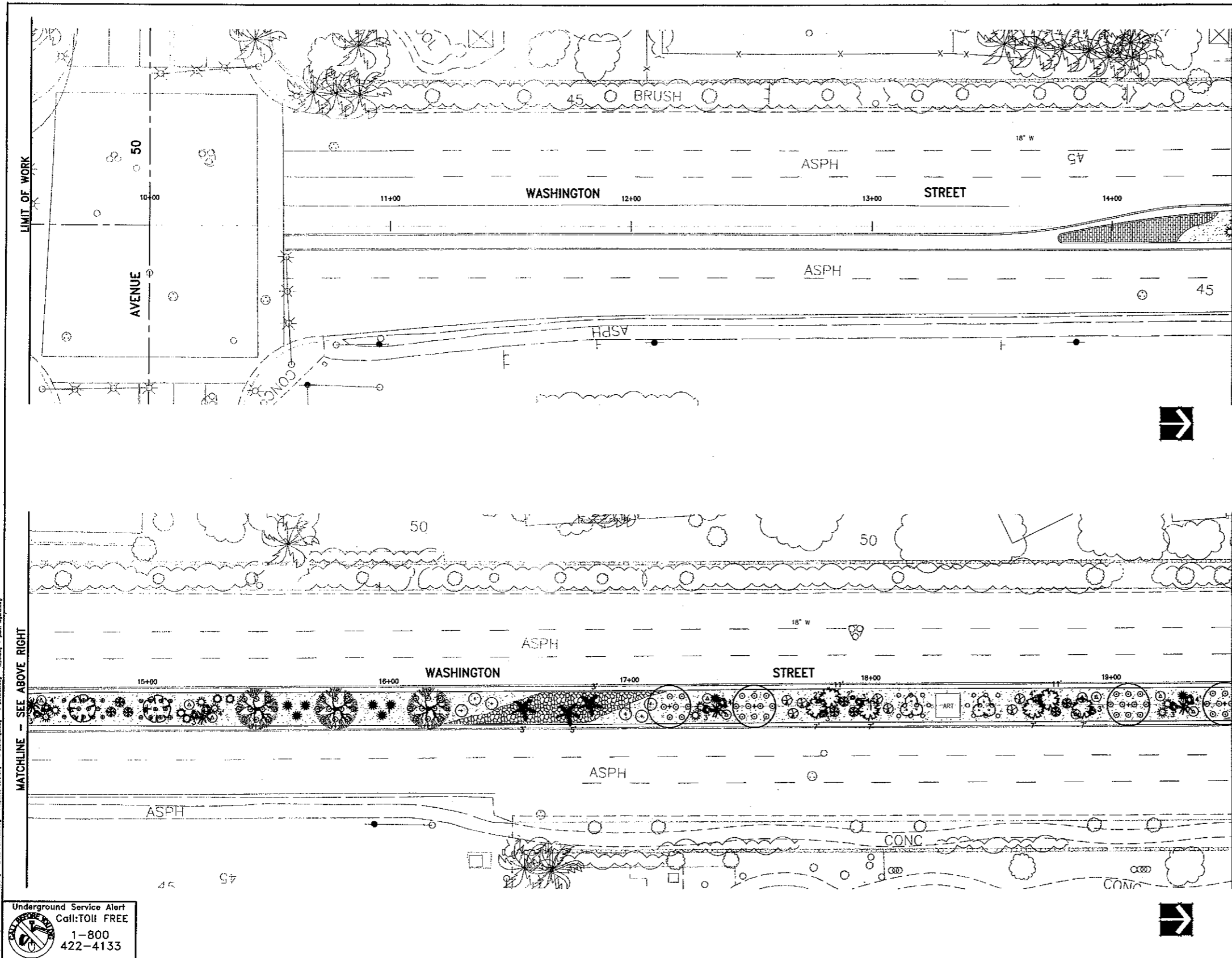
PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-882 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.6558

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Section 10, Chapter 3, Article 10.5, Section 85067 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
Approval of this drawing by CVWD Staff does not constitute approval to encroach into District and User Rights-of-Way. Trees, plants, walls and permanent structures of any kind may not be planted or installed in CVWD and User easements or rights-of-way without first obtaining an encroachment permit from CVWD.  
DATE: 1-26-05  
*David A. Kelly*  
WATER MANAGEMENT SPECIALIST  
*Jim Jensen*  
DEVELOPMENT SERVICES SUPERVISOR

**CITY OF LA QUINTA**  
IRRIGATION PLAN  
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

DESIGN: KSR  
DRAFT: RDHA  
CHECK: KSR  
DATE: 8-04-04  
DWG. No. CLAQ0025  
SHEET: L-6

WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09



**PLANTING LEGEND**

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	PLANT FACTOR
<b>TREES</b>				
	SCHINUS MOLLE	CALIFORNIA PEPPER	MOD	0.5
	BAUHINIA PURPUREA	PURPLE ORCHID TREE	MOD	0.5
	LAGERSTROEMIA INDICA 'CHEROKEE'	CRAPE MYRTLE	MOD	0.5
	CERCIDIUM FLORIDUM	BLUE PALM VERDE	LOW	0.2
	ACACIA SMALLII	SWEET ACACIA	LOW	0.2
	PYRUS KAWAKAMI	EVERGREEN PEAR	MOD	0.5
<b>PALMS</b>				
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
	CHAMAEROPS HUMILIS	MEDITERRANEAN FAN PALM	MOD	0.5
	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
<b>SHRUBS / DESERT ACCENTS</b>				
	CAESALPINIA PULCHERRIMA	BARBADOS PRIDE	MOD	0.5
	LEUCOPHYLLUM CANDIDUM	THUNDER CLOUD (TM)	LOW	0.2
	CASSIA NEMOPHILA	DESERT CASSIA	LOW	0.2
	FOUQUIERIA SPLENDENS	OCOTILLO	LOW	0.2
	ECHINOCACTUS GRUSONII	GOLDEN BARREL CACTUS	LOW	0.2
	HESPERALOE PARVIFLORA	RED YUCCA	LOW	0.2
	SALVIA GREGGII	AUTUMN SAGE	MOD	0.5
	BOUGAINVILLEA BRASILIENSIS	BOUGAINVILLEA	MOD	0.5
	DASYLIRION WHEELERI	DESERT SPOON	LOW	0.2
	CALLIANDRA ERIOPHYLLA	FAIRY DUSTER	LOW	0.2
<b>GROUND COVERS</b>				
	LANTANA 'NEW GOLD'	LANTANA	MOD	0.5
	LANTANA MONTEVIDENSIS	PURPLE LANTANA	MOD	0.5
	BACCHARIS SAROTHROIDES	DWARF CHAPARRAL BROOM	LOW	0.2

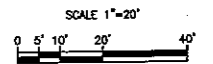
- INERT MATERIALS**
- STABILIZED FINES - 2" MINIMUM DEPTH - SEE SPECIFICATIONS
  - DECORATIVE SUN PEBBLES (3" - 8" DIA.)
  - DECORATIVE HARDSCAPE - SEE SPECIFICATIONS
  - DECORATIVE BOULDERS: 'DESERT SELECT' BY SOUTHWEST BOULDER (SIZE INDICATED ON PLANS)
- FOR ESTIMATION PURPOSES:  
 2' BOULDERS WEIGH APPROXIMATELY 800 LBS.  
 3' BOULDERS WEIGH APPROXIMATELY 1,000 LBS.  
 4' BOULDERS WEIGH APPROXIMATELY 2,000 LBS.

SEE SHEET LCH-1 FOR COMPLETE PLANTING LEGEND AND NOTES.

SEE CIVIL ENGINEER'S PLANS FOR CONSTRUCTION OF DECORATIVE HARDSCAPE IN MEDIAN. SEE ALSO SHEET LCH-1 FOR CONSTRUCTION DETAIL.

IN AREAS WHERE PLANS DEPICT 'ART', CONTRACTOR SHALL LEAVE OPEN SPACE INCLUDING 'FINES' MATERIAL ONLY.

CITY OF LA QUINTA  
 Plan Set No.  
 05045



**Underground Service Alert**  
 Call: TOLL FREE  
 1-800-422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

REFERENCES	NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
**K. Rhodes**  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06

APPROVED BY:  
**Timothy R. Jonasson**  
 TIMOTHY R. JONASSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 3/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6568

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.5, Section 10527 et seq. resulting efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
 \*Approval of this drawing by CVWD Staff does not constitute approval to encroach into district and USFR rights-of-way. Trees, plants, walls and permanent structures of any kind may not be planted or installed in CVWD and USFR easements or rights-of-way without first obtaining an encroachment permit from CVWD.  
 DATE: 1-26-05  
 WATER MANAGEMENT SPECIALIST: [Signature]  
 DEVELOPMENT SERVICES SUPERVISOR: [Signature]

CITY OF LA QUINTA  
 PLANTING PLAN  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR  
 DRAFT: RDHA  
 CHECK: KSR  
 DATE: 8-04-04  
 DWG. No. CLA00025  
 SHEET: L-7

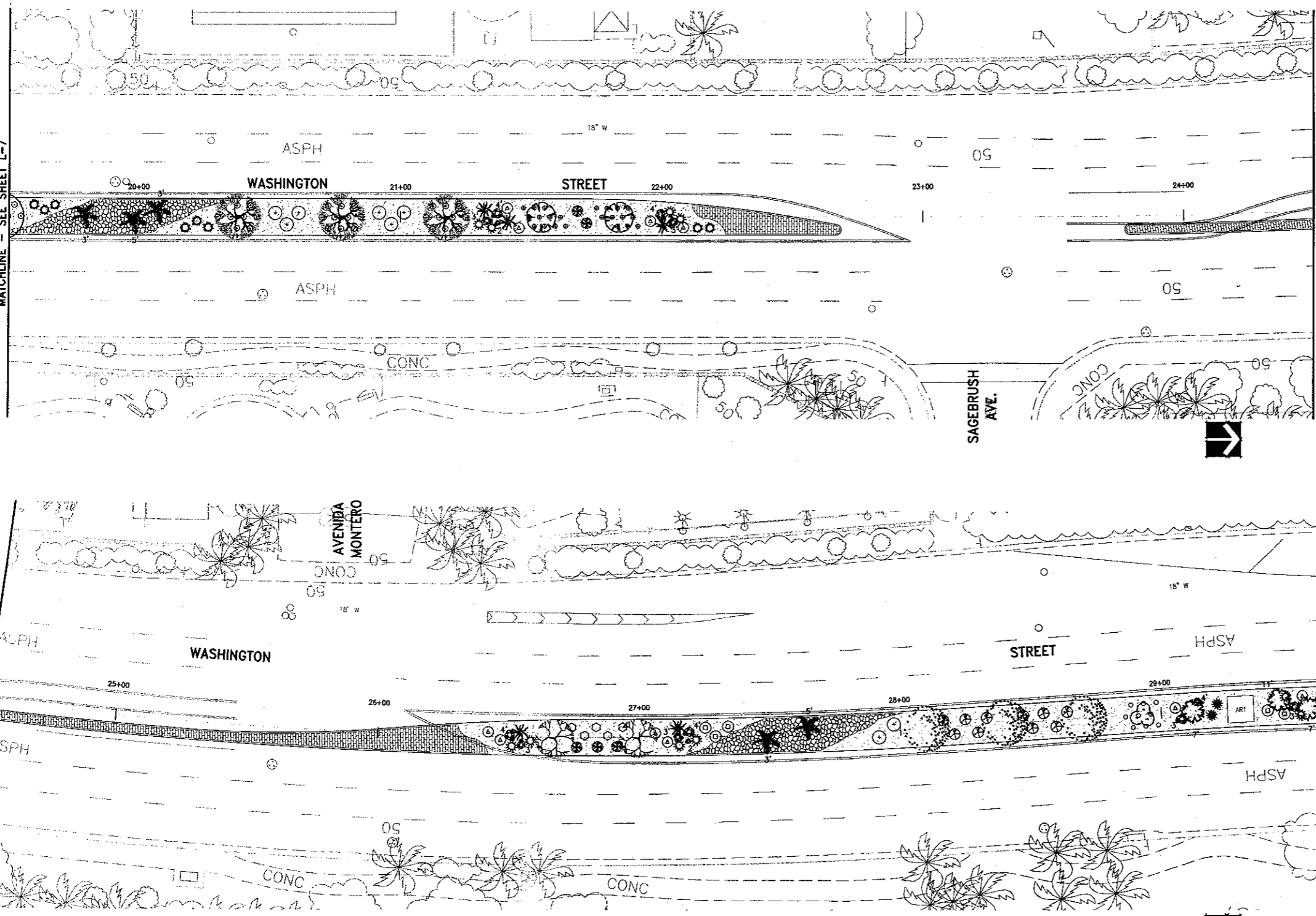
WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09

MATCHLINE - SEE SHEET L-7

MATCHLINE - SEE BELOW LEFT

MATCHLINE - SEE ABOVE RIGHT

MATCHLINE - SEE SHEET L-9



### PLANTING LEGEND

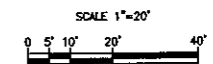
SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	PLANT FACTOR
<b>TREES</b>				
(Symbol)	SCHINUS MOLLE	CALIFORNIA PEPPER	MOD	0.5
(Symbol)	BAUHINIA PURPUREA	PURPLE ORCHID TREE	MOD	0.5
(Symbol)	LAGERSTROEMIA INDICA 'CHEROKEE'	CHAPE MYRTLE	MOD	0.5
(Symbol)	CERCIDIUM FLORIDUM	BLUE PALO VERDE	LOW	0.2
(Symbol)	ACACIA SMALLII	SWEET ACACIA	LOW	0.2
(Symbol)	PYRUS KAWAKAMII	EVERGREEN PEAR	MOD	0.5
<b>PALMS</b>				
(Symbol)	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
(Symbol)	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
(Symbol)	CHAMAEOPUS HUMILIS	MEDITERRANEAN FAN PALM	MOD	0.5
(Symbol)	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
(Symbol)	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
<b>SHRUBS / DESERT ACCENTS</b>				
(Symbol)	CAESALPINA PULCHERRIMA	BARBADOS PRIDE	MOD	0.5
(Symbol)	LEUCOPHYLLUM CANDIDUM	THUNDER CLOUD (TM)	LOW	0.2
(Symbol)	CASSIA NEMOPHILA	DESERT CASSIA	LOW	0.2
(Symbol)	FOUQUERIA SPLENDENS	OCOTILLO	LOW	0.2
(Symbol)	ECHINOCACTUS GRUSONII	GOLDEN BARREL CACTUS	LOW	0.2
(Symbol)	HESPERALOE PARVIFLORA	RED YUCCA	LOW	0.2
(Symbol)	SALVIA GREGGII	AUTUMN SAGE	MOD	0.5
(Symbol)	BOUGAINVILLEA BRASILIENSIS	BOUGAINVILLEA	MOD	0.5
(Symbol)	DASYLIRION WHEELERI	DESERT SPOON	LOW	0.2
(Symbol)	CALLIANDRA ERIOPHYLLA	FAIRY DUSTER	LOW	0.2
<b>GROUND COVERS</b>				
(Symbol)	LANTANA 'NEW GOLD'	LANTANA	MOD	0.5
(Symbol)	LANTANA MONTEVIDENSIS	PURPLE LANTANA	MOD	0.5
(Symbol)	BACCHARIS SAROTHIROIDES 'STARN THOMPSON'	DWARF CHAPARRAL BROOM	LOW	0.2
<b>INERT MATERIALS</b>				
(Symbol)	STABILIZED FINES - 2" MINIMUM DEPTH - SEE SPECIFICATIONS			
(Symbol)	DECORATIVE SUN PEBBLES (3" - 6" DIA.)			
(Symbol)	DECORATIVE HARDSCAPE - SEE SPECIFICATIONS			
(Symbol)	DECORATIVE BOULDERS: 'DESERT SELECT' BY SOUTHWEST BOULDER (SIZE INDICATED ON PLANS)			
FOR ESTIMATION PURPOSES:				
2' BOULDERS WEIGH APPROXIMATELY 800 LBS.				
3' BOULDERS WEIGH APPROXIMATELY 1,000 LBS.				
4' BOULDERS WEIGH APPROXIMATELY 2,000 LBS.				

SEE SHEET LON-1 FOR COMPLETE PLANTING LEGEND AND NOTES.

SEE CIVIL ENGINEER'S PLANS FOR CONSTRUCTION OF DECORATIVE HARDSCAPE IN MEDIAN. SEE ALSO SHEET LCD-1 FOR CONSTRUCTION DETAIL.

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CITY OF LA QUINTA  
Plan Set No.  
05045



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Call: TOLL FREE  
1-800-422-4133  
TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
**R. Rhodes**  
KIM S. RHODES  
R.L.A. 3867 EXP. 09/30/06

APPROVED BY:  
CITY OF LA QUINTA  
**Janeth R. Johnson**  
JIMOTHY R. JOHNSON, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
DATE: 3/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-882 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.6556

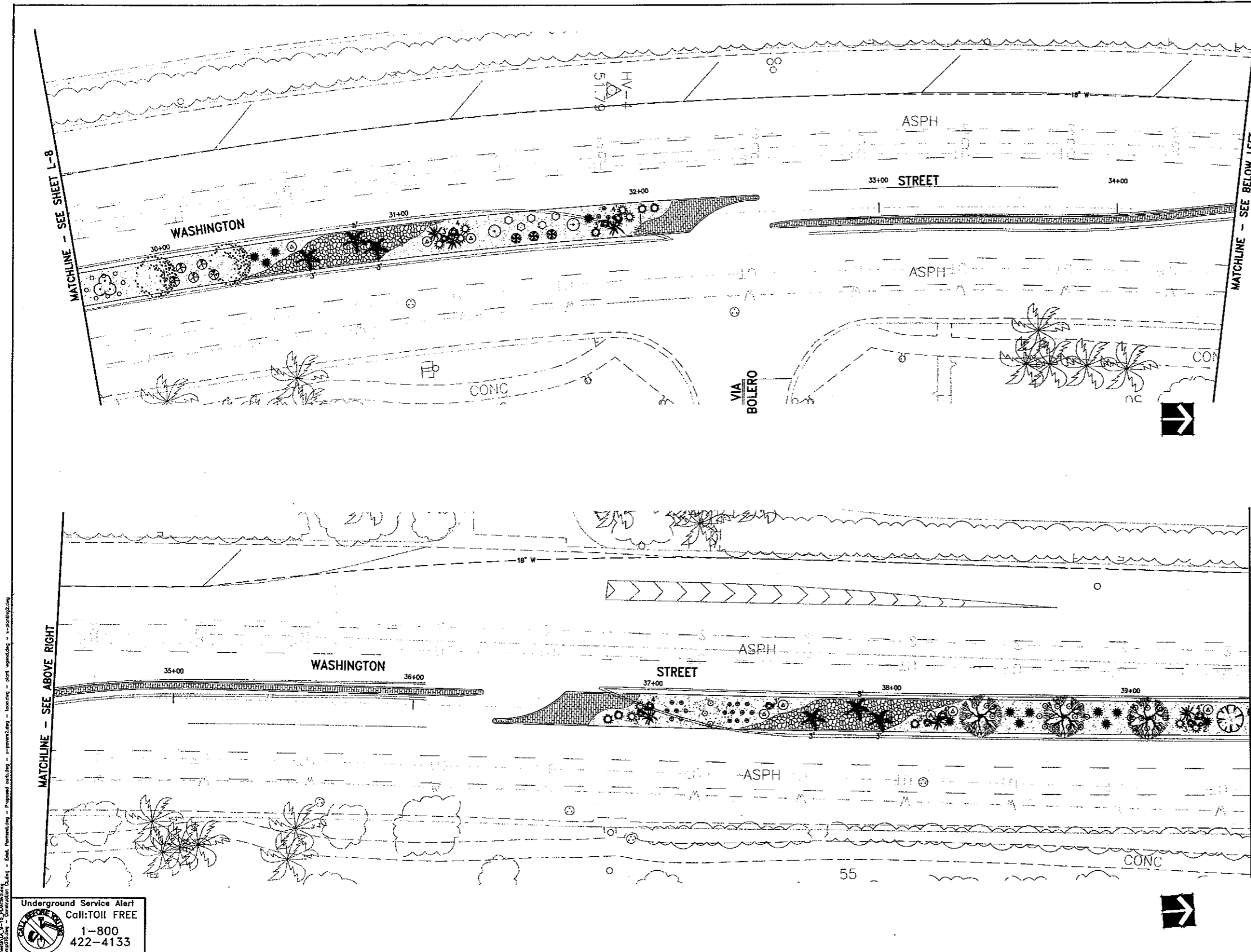
These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.6, Section 80567 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
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DATE: 1-26-05  
WATER MANAGEMENT SPECIALIST  
DEVELOPMENT SERVICES SUPERVISOR

**CITY OF LA QUINTA**  
**PLANTING PLAN**  
**WASHINGTON STREET MEDIAN IMPROVEMENTS**  
**AVENUE 48 TO AVENUE 50**

DESIGN: KSR  
DRAFT: RDHA  
CHECK: KSR  
DATE: 8-04-04  
DWG. No. CLAQ0025  
SHEET: L-8

WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09





**PLANTING LEGEND**

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	PLANT FACTOR
<b>TREES</b>				
○	— SCHINUS MOLLE	CALIFORNIA PEPPER	MOD	0.5
○	— BAUHINIA PURPUREA	PURPLE ORCHID TREE	MOD	0.5
○	— LAGERSTROEMIA INDICA 'CHEROKEE'	CHRAPE MYRTLE	MOD	0.5
○	— CERCIUM FLORIDUM	BLUE PALO VERDE	LOW	0.2
○	— ACACIA SMALLII	SWEET ACACIA	LOW	0.2
○	— PYRUS KAWAKAWI	EVERGREEN PEAR	MOD	0.5
<b>PALMS</b>				
○	— WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
○	— WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
○	— CHAMEROPS HUMILIS	MEDITERRANEAN FAN PALM	MOD	0.5
○	— BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
○	— BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
<b>SHRUBS / DESERT ACCENTS</b>				
○	— CAESALPINIA PULCHERRIMA	BARBADOS PRIDE	MOD	0.5
○	— LEUCOPHYLLUM CANDIDUM	THUNDER CLOUD (TM)	LOW	0.2
○	— CASSIA NEMOPHILA	DESERT CASSIA	LOW	0.2
○	— FOUQUIERIA SPLENDENS	OCOTILLO	LOW	0.2
○	— ECHINOCACTUS GRISONII	GOLDEN BARREL CACTUS	LOW	0.2
○	— HESPERALOE PARVIFLORA	RED YUCCA	LOW	0.2
○	— SALVIA GREGGII	AUTUMN SAGE	MOD	0.5
○	— BOUGAINVILLEA BRASILIENSIS	BOUGAINVILLEA	MOD	0.5
○	— DASYLIRION WHEELERI	DESERT SPOON	LOW	0.2
○	— CALLANDRA ERIOPHYLLA	FAIRY DUSTER	LOW	0.2
<b>GROUND COVERS</b>				
○	— LANTANA 'NEW GOLD'	LANTANA	MOD	0.5
○	— LANTANA MONTEVIDENSIS	PURPLE LANTANA	MOD	0.5
○	— BACCHARIS SAROTHIROIDES 'STARIN THOMPSON'	DWARF CHAPARRAL BROOM	LOW	0.2

**INERT MATERIALS**

STABILIZED FINES - 2" MINIMUM DEPTH - SEE SPECIFICATIONS

DECORATIVE SUN PEBBLES (3" - 8" DIA.)

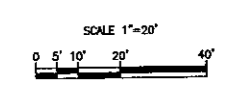
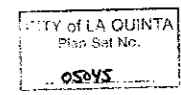
DECORATIVE HARDSCAPE - SEE SPECIFICATIONS

DECORATIVE BOULDERS: "DESERT SELECT" BY SOUTHWEST BOULDER (SIZE INDICATED ON PLANS)

FOR ESTIMATION PURPOSES:  
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 3' BOULDERS WEIGH APPROXIMATELY 1,000 LBS.  
 4' BOULDERS WEIGH APPROXIMATELY 2,000 LBS.

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 TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
**K. Rhodes**  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06  
 DATE: 1-24-05

APPROVED BY:  
**Timothy R. Jonsson**  
 TIMOTHY R. JONSSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 DATE: 3/23/05

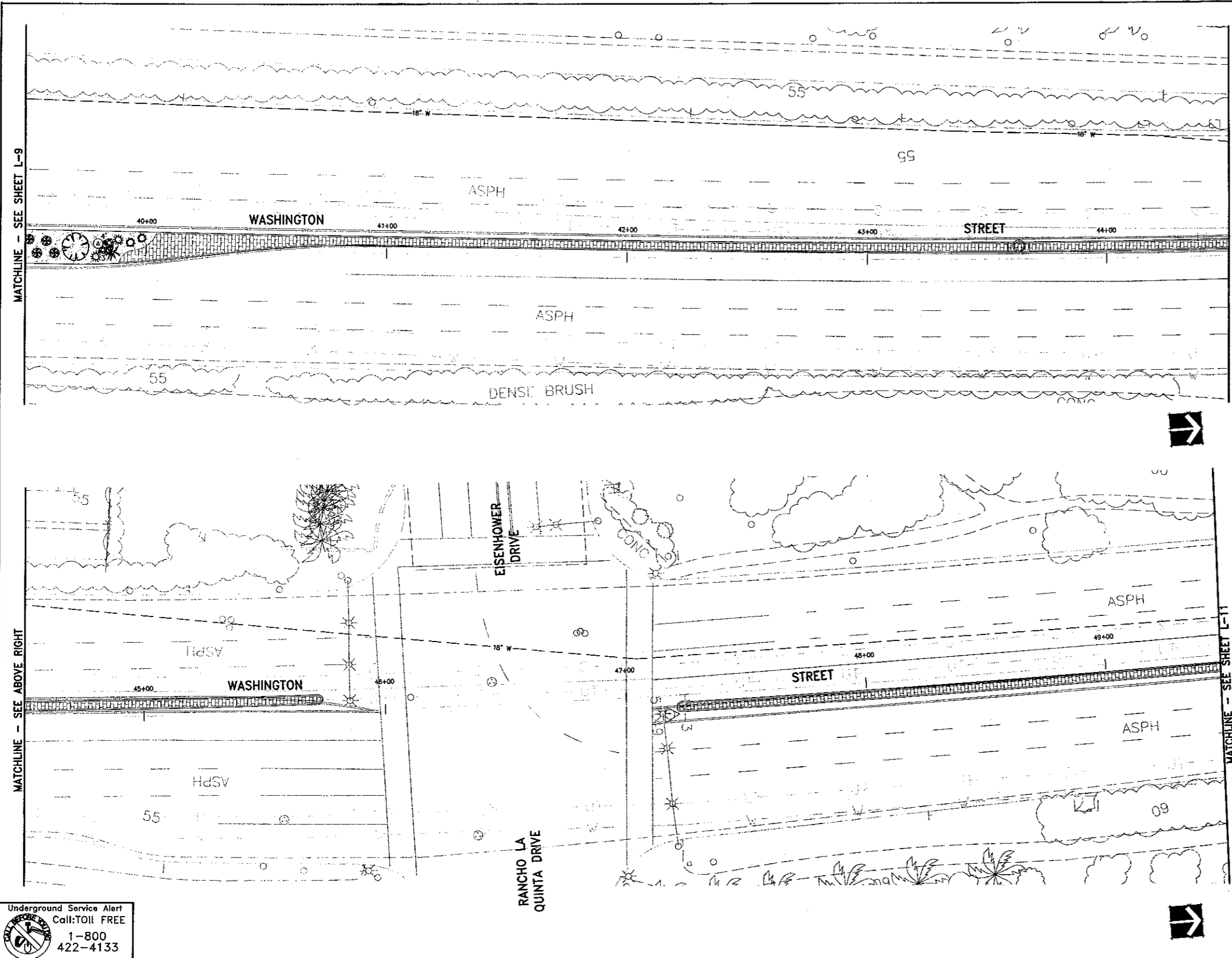
PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
 77-662 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6558

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 DATE: 1-26-05  
**David A. Schley**  
 WATER MANAGEMENT SPECIALIST  
**Jim Swanson**  
 DEVELOPMENT SERVICES SUPERVISOR

**CITY OF LA QUINTA**  
 PLANTING PLAN  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR  
 DRAFT: RDHA  
 CHECK: KSR  
 DATE: 8-04-04  
 DWG. No. CIA00025  
 SHEET: L-9

WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09



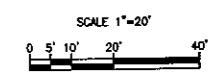
**PLANTING LEGEND**

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	PLANT FACTOR
<b>TREES</b>				
	SCHINUS MOLLE	CALIFORNIA PEPPER	MOD	0.5
	BAUHINIA PURPUREA	PURPLE ORCHID TREE	MOD	0.5
	LAGERSTROEMIA INDICA 'CHEROKEE'	CRAPE MYRTLE	MOD	0.5
	CERCIDIUM FLORIDUM	BLUE PALO VERDE	LOW	0.2
	ACACIA SMALLII	SWEET ACACIA	LOW	0.2
	PYRUS KAWAKAMII	EVERGREEN PEAR	MOD	0.5
<b>PALMS</b>				
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
	CHAMAEROPS HUMILIS	MEDITERRANEAN FAN PALM	MOD	0.5
	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
<b>SHRUBS / DESERT ACCENTS</b>				
	CAESALPINIA PULCHERRIMA	BARBADOS PRIDE	MOD	0.5
	LEUCOPHYLLUM CANDIDUM	THUNDER CLOUD (TM)	LOW	0.2
	CASSIA NEMOPHILA	DESERT CASSIA	LOW	0.2
	FOUQUIERIA SPLENDENS	OCOTILLO	LOW	0.2
	ECHINOCACTUS GRUSONII	GOLDEN BARREL CACTUS	LOW	0.2
	HESPERALOE PARVIFLORA	RED YUCCA	LOW	0.2
	SALVIA GREGGII	AUTUMN SAGE	MOD	0.5
	BOUGAINVILLEA BRASILIENSIS	BOUGAINVILLEA	MOD	0.5
	DASYLIRION WHEELERI	DESERT SPOON	LOW	0.2
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<b>GROUND COVERS</b>				
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- INERT MATERIALS**
- STABILIZED FINES - 2" MINIMUM DEPTH - SEE SPECIFICATIONS
  - DECORATIVE SUN PEBBLES (3" - 8" DIA)
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SEE SHEET LCN-1 FOR COMPLETE PLANTING LEGEND AND NOTES.

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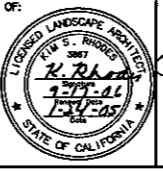


WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09

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 TWO WORKING DAYS BEFORE YOU DIG

REFERENCES	NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
**R. Rhodes**  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06



APPROVED BY:  
**Timothy R. Jonsson**  
 CITY OF LA QUINTA  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 DATE 3/23/05

PLANS PREPARED BY:  
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 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6568

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 DATE 1-26-05  
**Shelli Ashley**  
 WATER MANAGEMENT SPECIALIST  
**James Johnson**  
 DEVELOPMENT SERVICES SUPERVISOR

<b>CITY OF LA QUINTA</b>		DESIGN: KSR	DRAFT: RDHA
<b>PLANTING PLAN</b>		CHECK: KSR	DATE: 8-04-04
<b>WASHINGTON STREET MEDIAN IMPROVEMENTS          AVENUE 48 TO AVENUE 50</b>		DWG. No. CLAQ0025 SHEET: L-10	

WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09

**PLANTING LEGEND**

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	PLANT FACTOR
<b>TREES</b>				
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	CERODIDUM FLORIDUM	BLUE PALO VERDE	LOW	0.2
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<b>PALMS</b>				
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
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<b>SHRUBS / DESERT ACCENTS</b>				
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	LEUCOPHYLLUM CANDIDUM	THUNDER CLOUD (TM)	LOW	0.2
	CASSIA NEMOPHILA	DESERT CASSIA	LOW	0.2
	FOUQUIERIA SPLENDENS	OCOTILLO	LOW	0.2
	ECHINOCACTUS GRUSONII	GOLDEN BARRREL CACTUS	LOW	0.2
	HESPERALOE PARVIFLORA	RED YUCCA	LOW	0.2
	SALVIA GREGGII	AUTUMN SAGE	MOD	0.5
	BOUGAINVILLEA BRASILIENSIS	BOUGAINVILLEA	MOD	0.5
	DASYLIRION WHEELERI	DESERT SPOON	LOW	0.2
	CALLIANDRA ERIOPHYLLA	FAIRY OUSTER	LOW	0.2
<b>GROUND COVERS</b>				
	LANTANA 'NEW GOLD'	LANTANA	MOD	0.5
	LANTANA MONTEVIDENSIS	PURPLE LANTANA	MOD	0.5
	BACCHARIS SAROTHROIDES 'STARN THOMPSON'	DWARF CHAPARRAL BROOM	LOW	0.2

**INERT MATERIALS**

STABILIZED FINES - 2" MINIMUM DEPTH - SEE SPECIFICATIONS

DECORATIVE SUN PEBBLES (3" - 8" DIA.)

DECORATIVE HARDSCAPE - SEE SPECIFICATIONS

DECORATIVE BOULDERS: "DESERT SELECT" BY SOUTHWEST BOULDER (SIZE INDICATED ON PLANS)

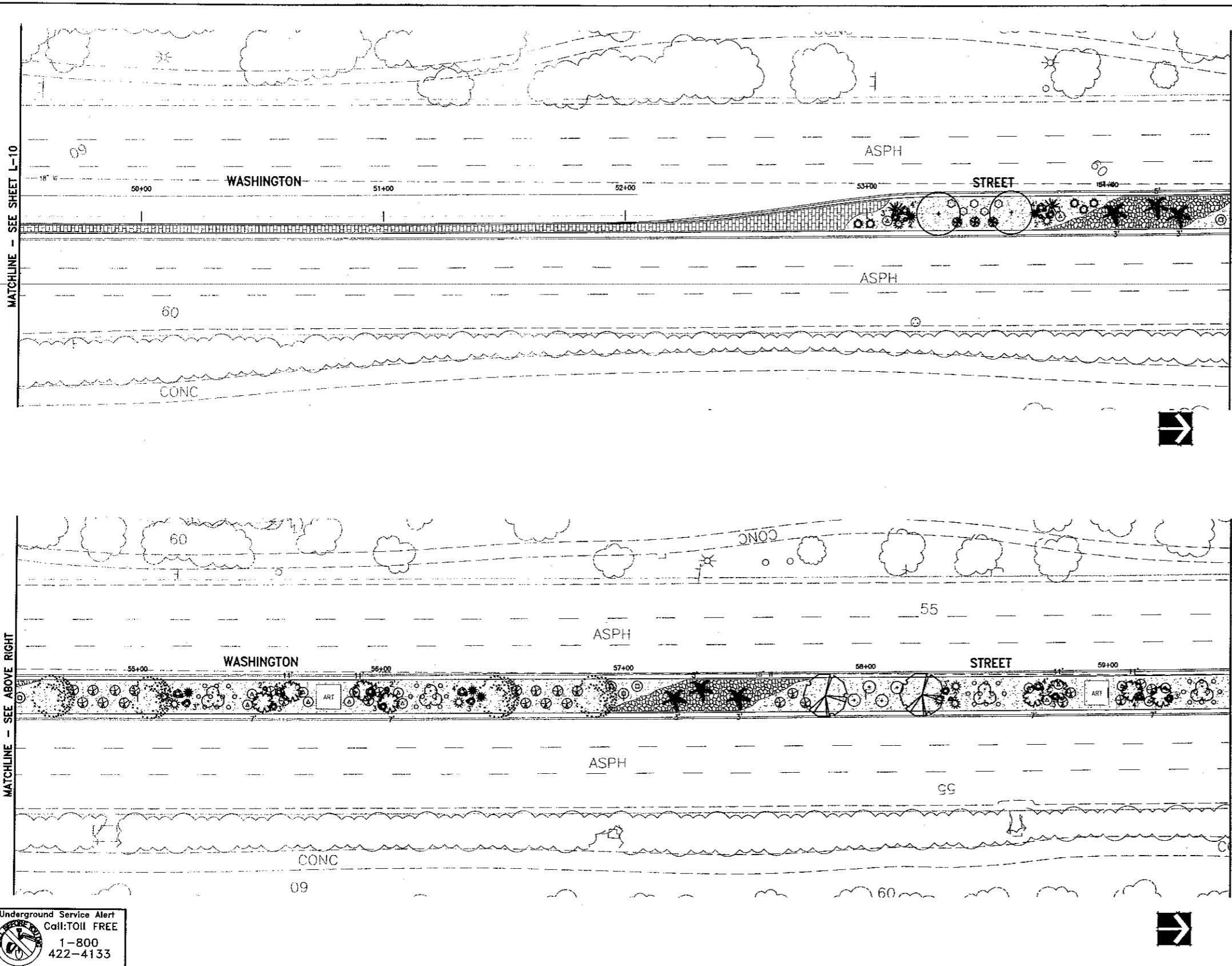
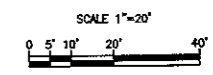
FOR ESTIMATION PURPOSES:  
 2' BOULDERS WEIGH APPROXIMATELY 800 LBS.  
 3' BOULDERS WEIGH APPROXIMATELY 1,000 LBS.  
 4' BOULDERS WEIGH APPROXIMATELY 2,000 LBS.

SEE SHEET LON-1 FOR COMPLETE PLANTING LEGEND AND NOTES.

SEE CIVIL ENGINEER'S PLANS FOR CONSTRUCTION OF DECORATIVE HARDSCAPE IN MEDIAN. SEE ALSO SHEET LDD-1 FOR CONSTRUCTION DETAIL.

IN AREAS WHERE PLANS DEPICT "ART", CONTRACTOR SHALL LEAVE OPEN SPACE INCLUDING "FINES" MATERIAL ONLY.

CITY OF LA QUINTA  
 Plan Set No.  
 05015



**Underground Service Alert**  
 Call: TOLL FREE  
 1-800-422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	REVISIONS	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
*K. Rhodes*  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06  
 1-24-05

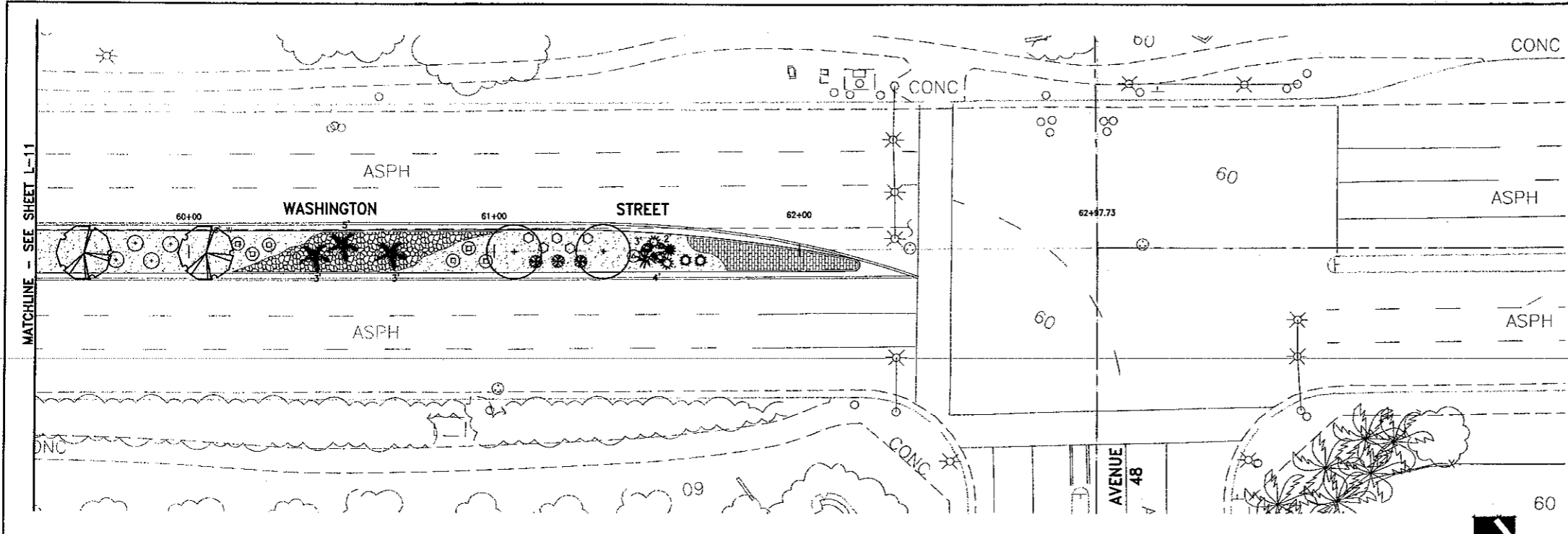
APPROVED BY:  
 CITY OF LA QUINTA  
*Timothy R. Jonsson*  
 TIMOTHY R. JONSSON, P.E.  
 PUBLIC WORKS DIRECTOR/  
 CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 3/23/05

PLANS PREPARED BY:  
  
 DAVID EVANS AND ASSOCIATES INC.  
 77-882 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.8588

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.5, Section 80507 et seq. regarding efficient landscaping and irrigation design in cooperation with the local governing agency (City or County).  
 Approval of this drawing by CWD Staff does not constitute approval to encroach into District and User Rights-of-Way. These plans, work and permanent structures of any kind may not be placed or installed in CWD and USER easements or right-of-way without first obtaining an encroachment permit from CWD.  
 1-26-05  
*Donald DeBruin*  
 WATER MANAGEMENT SPECIALIST  
*Jim Cantan*  
 DEVELOPMENT SERVICES SUPERVISOR

CITY OF LA QUINTA  
 PLANTING PLAN  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR  
 DRAFT: ROHA  
 CHECK: KSR  
 DATE: 8-04-04  
 DWG. No. CLA00025  
 SHEET: L-11



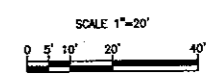
**PLANTING LEGEND**

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	PLANT FACTOR
<b>TREES</b>				
	SCHINUS MOLLE	CALIFORNIA PEPPER	MOD	0.5
	BAUHINIA PURPUREA	PURPLE ORCHID TREE	MOD	0.5
	LAGERSTROEMIA INDICA 'CHEROKEE'	CRAPE MYRTLE	MOD	0.5
	CERCIDIUM FLORIDUM	BLUE PALO VERDE	LOW	0.2
	ACACIA SMALLII	SWEET ACACIA	LOW	0.2
	PYRUS KAWAKAMII	EVERGREEN PEAR	MOD	0.5
<b>PALMS</b>				
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	MOD	0.5
	CHAMAEROPS HUMILIS	MEDITERRANEAN FAN PALM	MOD	0.5
	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
	BRAHEA ARMATA	MEXICAN BLUE PALM	LOW	0.2
<b>SHRUBS / DESERT ACCENTS</b>				
	CAESALPINIA PULCHERRIMA	BARBADOS PRIDE	MOD	0.5
	LEUCOPHYLLUM CANDIDUM	THUNDER CLOUD (TM)	LOW	0.2
	CASSIA NEMOPHILA	DESERT CASSIA	LOW	0.2
	FOUQUIERIA SPLENDENS	ODOTILLO	LOW	0.2
	ECHINOCACTUS GRUSONII	GOLDEN BARREL CACTUS	LOW	0.2
	HESPERALOE PARVIFLORA	RED YUCCA	LOW	0.2
	SALVIA GREGGII	AUTUMN SAGE	MOD	0.5
	BOUGAINVILLEA BRASILIENSIS	BOUGAINVILLEA	MOD	0.5
	DASYLIRION WHEELERI	DESERT SPOON	LOW	0.2
	CALLIANDRA ERIOPHYLLA	FAIRY DUSTER	LOW	0.2
<b>GROUND COVERS</b>				
	LANTANA 'NEW GOLD'	LANTANA	MOD	0.5
	LANTANA MONTEVIDENSIS	PURPLE LANTANA	MOD	0.5
	BACCHARIS SAROTHROIDES 'STARB THOMPSON'	DWARF CHAPARRAL BROOM	LOW	0.2
<b>INERT MATERIALS</b>				
	STABILIZED FINES - 2" MINIMUM DEPTH - SEE SPECIFICATIONS			
	DECORATIVE SUN PEBBLES (3" - 8" DIA.)			
	DECORATIVE HARDSCAPE - SEE SPECIFICATIONS			
	DECORATIVE BOULDERS: 'DESERT SELECT' BY SOUTHWEST BOULDER (SIZE INDICATED ON PLANS)			
	FOR ESTIMATION PURPOSES:			
	2' BOULDERS WEIGH APPROXIMATELY 800 LBS.			
	3' BOULDERS WEIGH APPROXIMATELY 1,000 LBS.			
	4' BOULDERS WEIGH APPROXIMATELY 2,000 LBS.			

SEE SHEET LCN-1 FOR COMPLETE PLANTING LEGEND AND NOTES.

SEE CIVIL ENGINEER'S PLANS FOR CONSTRUCTION OF DECORATIVE HARDSCAPE IN MEDIAN. SEE ALSO SHEET LCN-1 FOR CONSTRUCTION DETAIL.

CITY OF LA QUINTA  
Plan Set No.  
**OSOYS**



Underground Service Alert  
Call: TOLL FREE  
1-800-422-4133  
TWO WORKING DAYS BEFORE YOU DIG

NO.	DATE	INT.	APPR.	DATE

PREPARED UNDER THE SUPERVISION OF:  
*K. Rhodes*  
KIM S. RHODES  
R.L.A. 3867 EXP. 09/30/06

APPROVED BY:  
CITY OF LA QUINTA  
*Timothy R. Chassan*  
TIMOTHY R. CHASSAN, P.E.  
PUBLIC WORKS DIRECTOR/  
CITY ENGINEER  
RCE NO 45843 EXP 12/31/06  
DATE 3/23/05

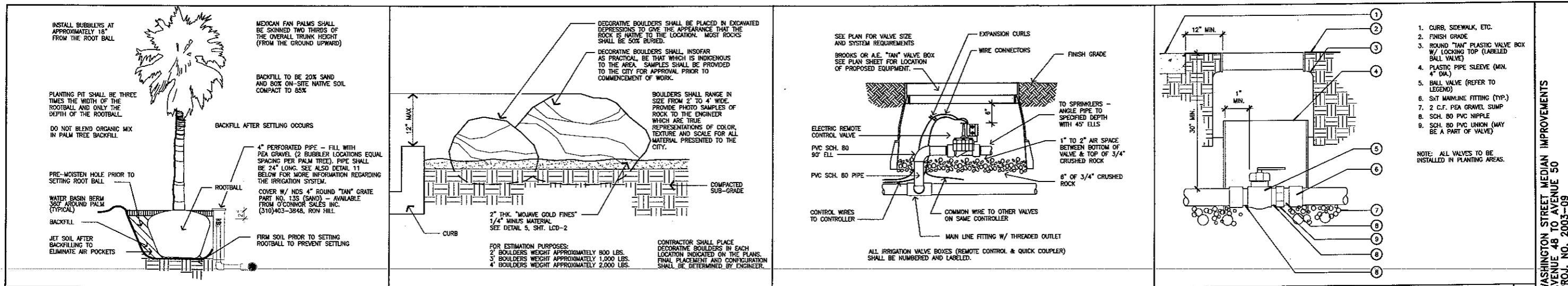
PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
77-682 Country Club Dr., Suite F2  
Palm Desert, CA 92211  
Phone: 760.772.6556

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 18.3, Section 65567 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
Approval of this drawing by CVWD Staff does not constitute approval to encroach into district and USFR Right-of-Way. Trees, plants, soils and permanent structures of any kind may not be planted or installed in CVWD and USFR easements or Right-of-Way without first obtaining an encroachment permit from CVWD.  
DATE 1-26-05  
*Michael Doherty*  
WATER MANAGEMENT SPECIALIST  
*John Johnson*  
DEVELOPMENT SERVICES SUPERVISOR

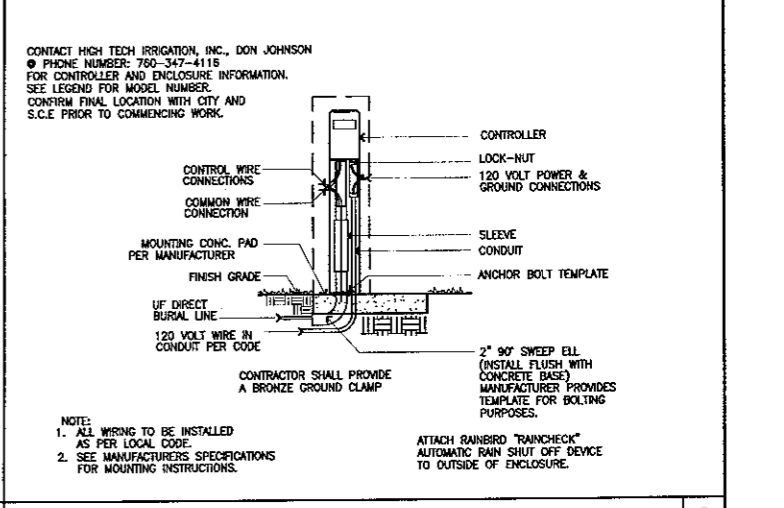
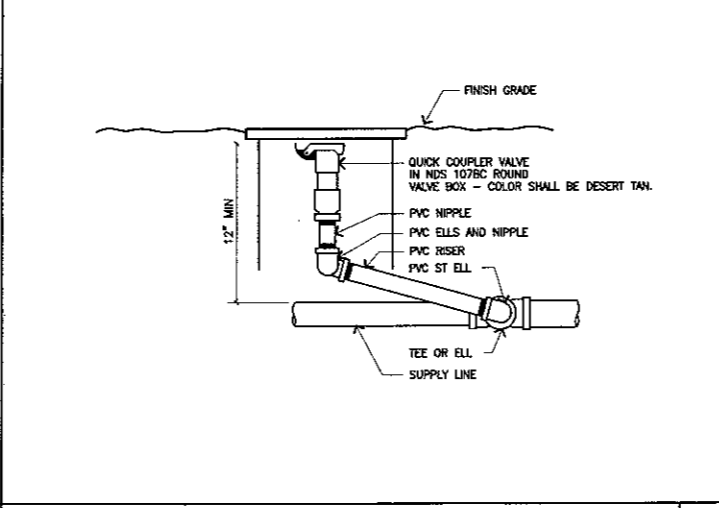
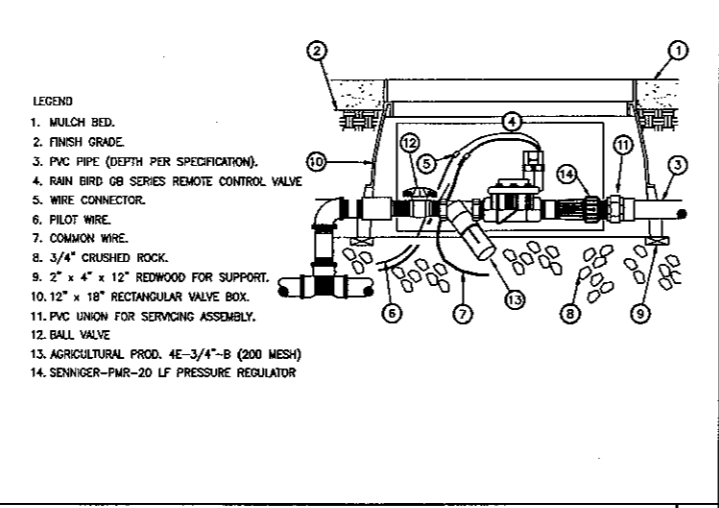
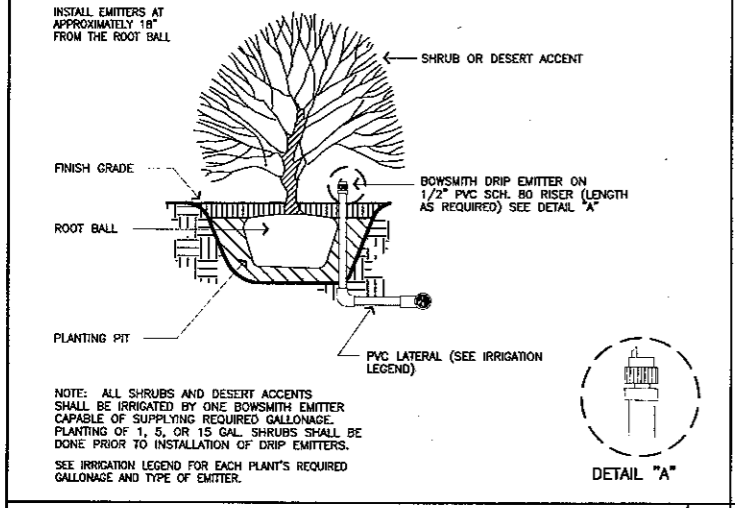
CITY OF LA QUINTA  
**PLANTING PLAN**  
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50

DESIGN: KSR  
DRAFT: RDHA  
CHECK: KSR  
DATE: 8-04-04  
DWG. No. CLAQ0025  
SHEET: L-12

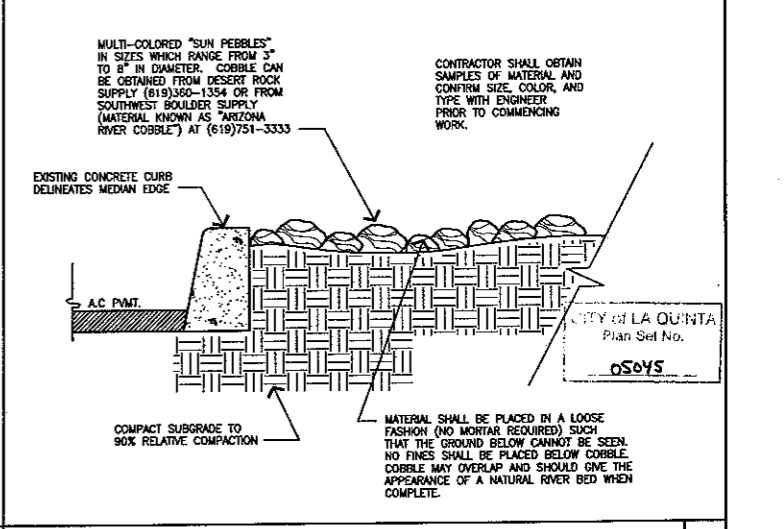
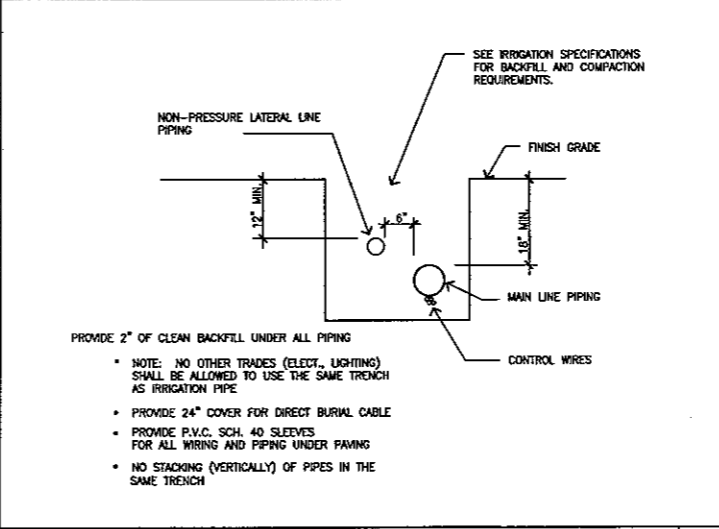
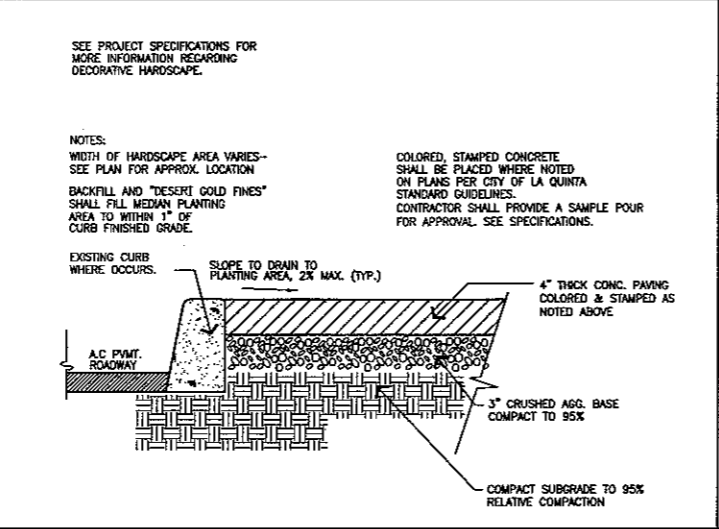
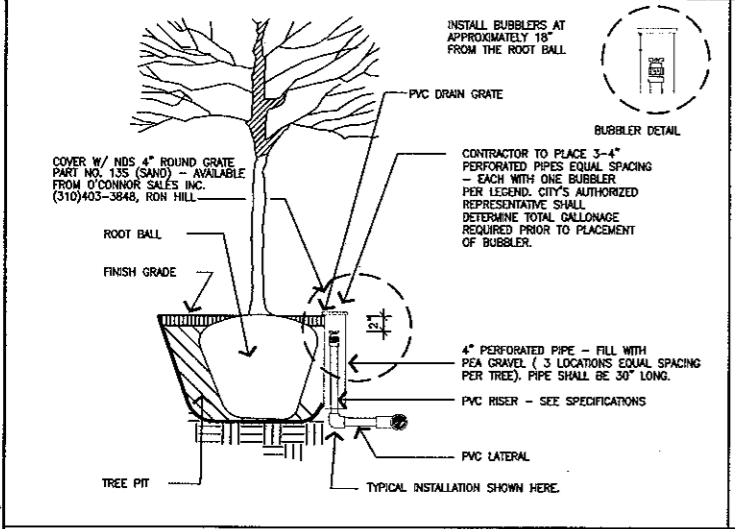
WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09



**PALM TREE PLANTING & IRRIGATION** 10    **DECORATIVE BOULDER PLACEMENT** 7    **REMOTE CONTROL VALVE** 4    **BALL VALVE** 1



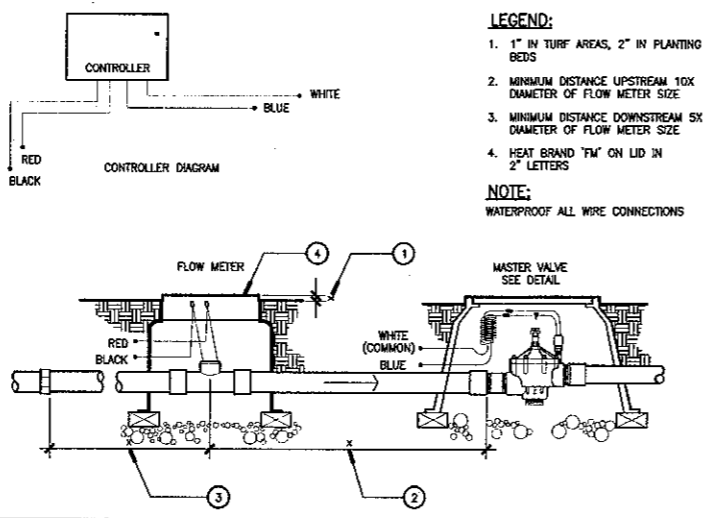
**SHRUB DRIFT EMITTERS** 11    **REMOTE CONTROL DRIP VALVE** 8    **QUICK COUPLER DETAIL** 5    **MAXICOM / RAINBIRD CONTROLLER** 2



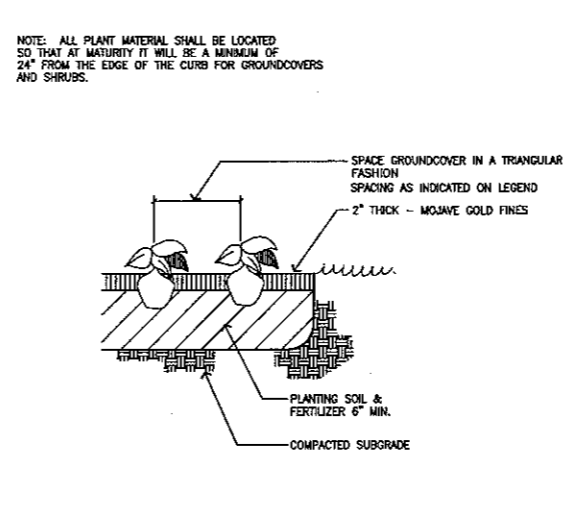
**TREE IRRIGATION DETAIL** 12    **DECORATIVE HARDSCAPE** 9    **IRRIGATION TRENCHING / SLEAVING** 6    **DECORATIVE COBBLE PLACEMENT** 3

PREPARED UNDER THE SUPERVISION OF: <b>R. Rhodes</b> KIM S. RHODES R.L.A. 3867 EXP. 09/30/06		APPROVED BY: <b>Timothy R. Johanson</b> TIMOTHY R. JOHANSON, P.E. PUBLIC WORKS DIRECTOR / CITY ENGINEER ROE NO. 45843 EXP. 12/31/06 DATE: 3/23/05		PLANS PREPARED BY: <b>DAVID EVANS AND ASSOCIATES INC.</b> 77-682 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6558		These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 3, Chapter 3, Article 100, Section 60087 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County). Approval of this drawing by CWD Staff does not constitute approval to encroach into district and USBR rights-of-way. Trees, plants, soils and permanent structures of any kind may not be planted or installed in CWD and USBR easements or right-of-way without first obtaining an encroachment permit from CWD. DATE: 1-26-05 <b>David Evans</b> WATER MANAGEMENT SPECIALIST DESIGN SERVICES SUPERVISOR		<b>CITY OF LA QUINTA</b> CONSTRUCTION DETAILS WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50		DESIGN: KSR DRAFT: DXP CHECK: KSR DATE: 8-04-04 DWG. No. CLA00225 SHEET: LCD-1	
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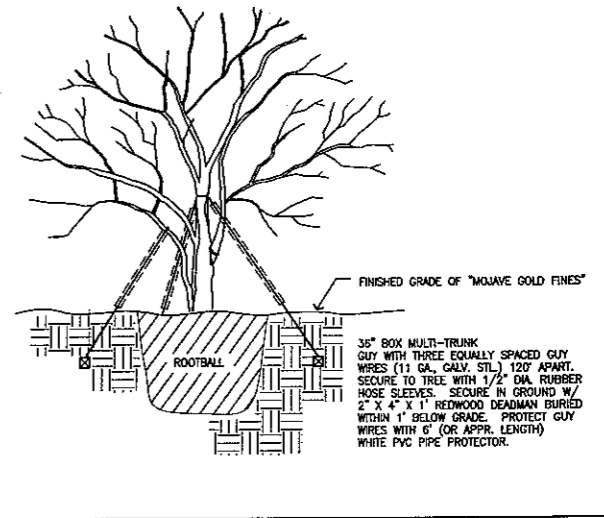
WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50  
 PROJ. NO. 2003-09



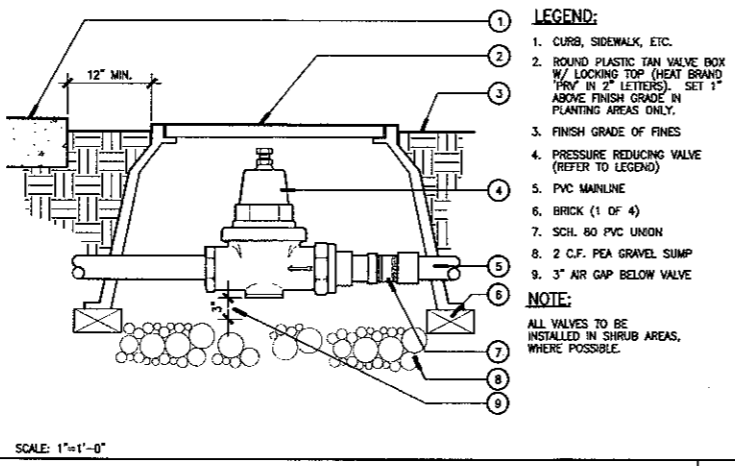
10 FLOW METER INSTALLATION 7



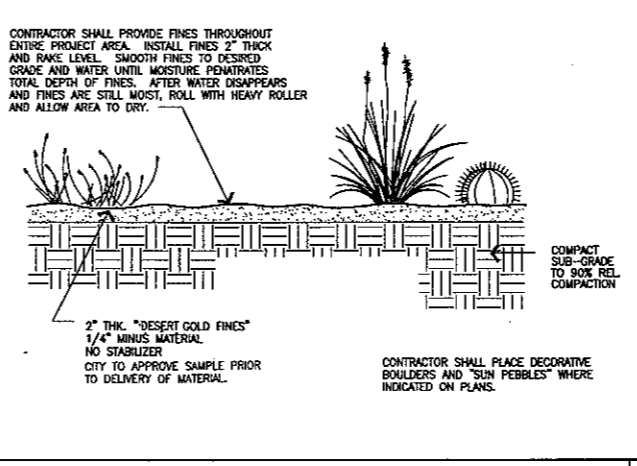
GROUND COVER PLANTING DETAIL 4



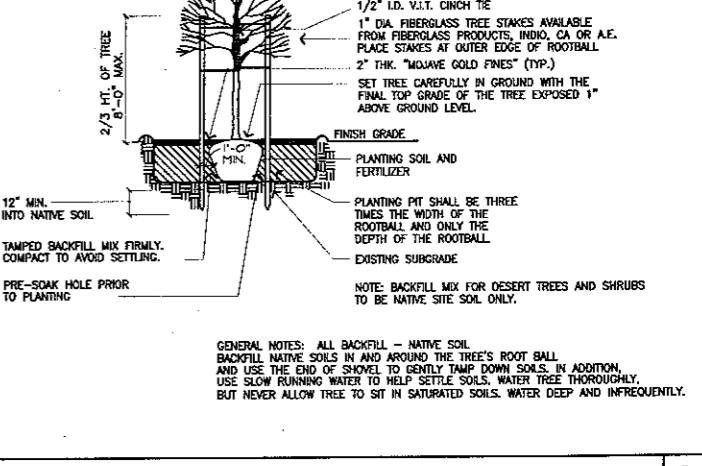
TREE GUYING DETAIL 1



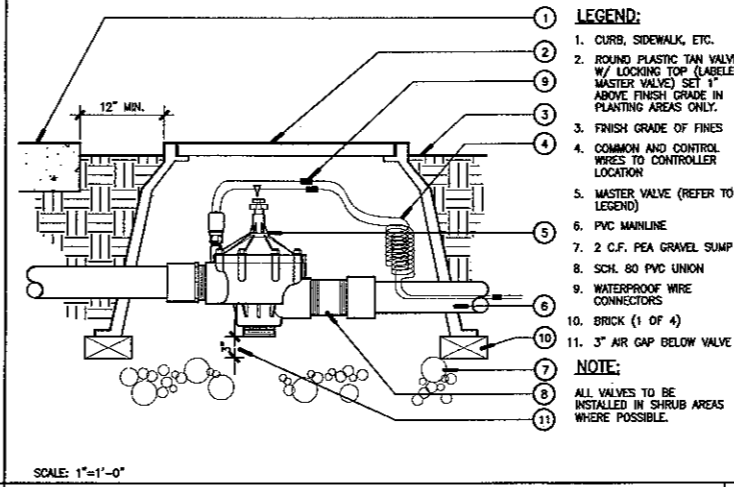
11 PRESSURE REDUCING VALVE 8



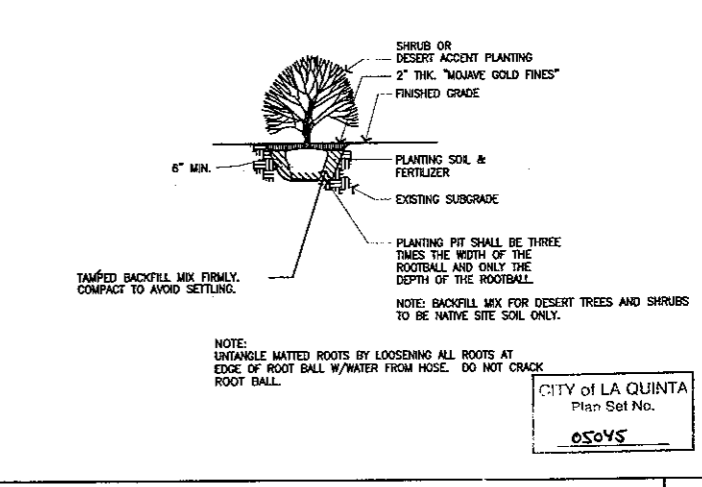
"DESERT GOLD FINES" PLACEMENT 5



TREE STAKING AND PLANTING DETAIL 2



9 MASTER VALVE 6



SHRUB PLANTING DETAIL 3

NO.	DATE	INT.	REVISIONS	APPR. DATE

PREPARED UNDER THE SUPERVISION OF:  
**K. Rhodes**  
 KIM S. RHODES  
 R.L.A. 3867 EXP. 09/30/06

APPROVED BY:  
 CITY OF LA QUINTA  
**Timothy R. Donahoe**  
 TIMOTHY R. DONAHOE, P.E.  
 PUBLIC WORKS DIRECTOR / CITY ENGINEER  
 RCE NO 45843 EXP 12/31/06  
 DATE: 3/23/05

PLANS PREPARED BY:  
**DAVID EVANS AND ASSOCIATES INC.**  
 77-682 Country Club Dr., Suite F2  
 Palm Desert, CA 92211  
 Phone: 760.772.6558

These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.8, Section 85097 et seq. requiring efficient landscape and irrigation design in cooperation with the local governing agency (City or County).  
 Approval of this drawing by CVWD Staff does not constitute approval to encroach into district and USBR Right-of-Way, Trees, plants, walls and permanent structures or right-of-way without first obtaining an encroachment permit from CVWD.  
 DATE: 1-26-05  
**Samuel H. Schley**  
 WATER MANAGEMENT SPECIALIST  
**Sam Schley**  
 FIELD/MANAGER SERVICES SUPERVISOR

CITY OF LA QUINTA  
 CONSTRUCTION DETAILS  
 WASHINGTON STREET MEDIAN IMPROVEMENTS  
 AVENUE 48 TO AVENUE 50

DESIGN: KSR  
 DRAFT: DXP  
 CHECK: KSR  
 DATE: 8-04-04  
 DWG. No. CLAQ0025  
 SHEET: LCD-2

DATE PLOTTED: 03/23/05 11:00 AM  
 PLOTTER: HP DesignJet 540  
 SCALE: 1"=1'-0"

# CITY OF LA QUINTA LANDSCAPING GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD PLANS OF THE CITY OF LA QUINTA AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
- THE LANDSCAPE/IRRIGATION CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF LA QUINTA ENGINEERING DEPARTMENT AND ANY OTHER GOVERNING AGENCIES THAT MAY HAVE JURISDICTION ON THE WORK SITE.
- THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES INCURRED BY HIS FAILURE TO LOCATE AND PRESERVE ANY UNDERGROUND UTILITY. CALL UNDERGROUND SERVICE ALERT 48 HOURS PRIOR TO DIGGING AT 1-800-422-4133.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT OR RELOCATION OF ALL REGULATORY, WARNING AND GUIDE SIGNS.
- THE CONTRACTOR SHALL NOT DISTURB EXISTING SURVEY MONUMENTS OR BENCH MARKS NOTED ON THE PLANS, OR FOUND DURING CONSTRUCTION. REMOVAL AND REPLACEMENT SHALL ONLY BE PERFORMED BY A LICENSED LAND SURVEYOR OR PROFESSIONALLY QUALIFIED REGISTERED CIVIL ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING INSPECTOR 48 HOURS PRIOR TO COMMENCING ANY PHASE OF CONSTRUCTION THAT REQUIRES INSPECTION AT (619) 564-2246.
- THE CONTRACTOR SHALL PROVIDE A CONTINUOUS EFFECTIVE MEANS OF DUST CONTROL. DUST CONTROL SHALL INCLUDE PROVISIONS FOR ADEQUATE WATERING BOTH DURING AND AFTER THE GRADING UNTIL SUCH TIME THE GRADED SURFACE PRESENTS AN EFFECTIVE PROTECTIVE COVER AGAINST WIND OR WATER EROSION.
- CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL BE PERFORMED ONLY DURING THE TIME PERIOD AS FOLLOWS:  
OCTOBER 1 TO APRIL 30:  
MONDAY - FRIDAY 7:00 AM - 5:30 PM  
SATURDAY 8:00 AM - 5:00 PM  
MAY 1 TO SEPTEMBER 30:  
MONDAY - FRIDAY 6:00 AM - 7:00 PM  
SATURDAY 8:00 AM - 5:00 PM  
WORK SHALL BE PROHIBITED ANY TIME ON SUNDAY OR FEDERAL HOLIDAYS.
- ALL WORK AREAS WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE SIGNED IN CONFORMANCE WITH THE CALTRANS MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES.

## IRRIGATION LEGEND

SYMBOL	MANUFACTURER	MODEL NUMBER AND DESCRIPTION	RADIUS	G.P.H./G.P.M.	P.S.I.	REMARKS
⊙	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	N/A	.6 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
⊕	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	N/A	1.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
⊖	BOWSMITH	"SL" SERIES DRIP EMITTER ON 1/2" RISER	N/A	2.0 GPH	20	PLACE ONE EMITTER PER SHRUB/DESERT ACCENT
▽	RAINBIRD	1402 PRESSURE COMPENSATING BUBBLER	N/A	.5 GPM	20-90	PLACE TWO PER PALM EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCD-1
◐	RAINBIRD	1401 PRESSURE COMPENSATING BUBBLER	N/A	.25 GPM	20-90	PLACE THREE PER TREE EACH IN A 4" PERFORATED PIPE PER DETAILS ON SHEET LCD-1
⊗	NIBCO	LINE SIZE BRASS BALL VALVE IN VALVE BOX PER DETAIL				
⊕	SUPERIOR	3100 BRASS "MASTER" NORMALLY OPEN ELECTRIC REMOTE CONTROL VALVE - PLACE IN LOCKING VALVE BOX				
⊕	REMOTE CONTROL VALVE ASSEMBLY	SUPERIOR 850-DI STRAIGHT-THROUGH BODY IN LOCKING VALVE BOX. AGRICULTURE PRODUCTS 4E-3/4"-B (200 MESH FILTER) SENNINGER PMR-20LF PRESSURE REGULATOR. SPEARS 3/4" PLASTIC BALL VALVE IT.				
⊕	REMOTE CONTROL VALVE	SUPERIOR 850-DI STRAIGHT-THROUGH BODY REMOTE CONTROL VALVE - SIZE PER PLAN - IN LOCKING VALVE BOX.				
⊕	WATTS	PRESSURE REGULATOR - MODEL 25 ALB - 1" SIZE				
⊕	BY C.V.W.D.	825VA BACKFLOW PREVENTER - 1" SIZE CIVD WILL INSTALL METER AND BACKFLOW DIRECTLY BEHIND CURB FOR CONTRACTOR TO MAKE CONNECTIONS TO SYSTEM.				
⊕	SPEARS	3/4" MANUAL FLUSH VALVE IN LOCKING 12"x18" VALVE BOX BROOKS OR EQUAL W/ 18" GARDEN HOSE ATTACHED.				
⊕	RAINBIRD	44LRC QUICK COUPLING VALVE WITH LOCKING RUBBER COVER				
⊕	HIGH TECH (MAXIMUM COMPATIBLE)	MODEL # HTI-SW-PACTAN-LK-E12-MV-PT(1500)-FS-100-1P-TS (FRED-458.8875) ON A CONCRETE BASE. CONTACT HIGH TECH IRRIGATION, INC., DON JOHNSON, PHONE NO.: 760-347-4116 FOR CONTROLLER/MAXCOM EQUIPMENT.				
⊕	DATA INDUSTRIAL	CONTRACTOR SHALL PROVIDE ONE "DATA INDUSTRIAL" 1500 PULSE OUTPUT TRANSMITTER AND ONE "DATA INDUSTRIAL" IR-220P-1 FLOW SENSOR IN VALVE BOX. FINAL LOCATION OF FLOW SENSOR TO BE DETERMINED IN FIELD BY CITY REPRESENTATIVE. SEE DETAIL 2, SHT LCD-1.				
⊕	BY C.V.W.D.	(2) 3/4" NEW WATER METER, SEE BACKFLOW DATA ABOVE.				
---		SCHEDULE 40 PVC MAIN LINE AND SLEEVES - SIZE AS INDICATED ON PLAN				
---		SCH 40 PVC LATERAL LINE - SIZE AS INDICATED ON PLAN - 3/4" UNLESS NOTED OTHERWISE.				
---		SCH 40 PVC SLEEVES SHALL BE TWO AND ONE HALF TIMES AS LARGE AS PIPE SIZE OR AS NOTED ON PLAN.				
---		ALL SLEEVING SHALL BE PLACED UNDER ROADWAY AND UNDER HARDSCAPE AREAS AS SHOWN.				
---		EXISTING DOMESTIC WATER SERVICE IN STREET				
---		EXISTING WATER PRESSURE ON SITE = 90 P.S.I.				
---		CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO COMMENCING WORK. NOTIFY ENGINEER IF DIFFERENT.				
A1		VALVE IDENTIFICATION				
3/4"		VALVE SIZE				
Z		GPM IN SYSTEM (GALLONS PER MINUTE)				

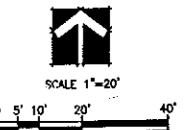
NOTE TO CONTRACTOR: EXISTING PRESSURE (90 PSI) SHOULD BE REDUCED TO APPROXIMATELY 60-70 PSI (SEE IRRIGATION WATER CALCULATIONS, SHEET L2 AND L3) WITH PRESSURE REGULATOR AT POINT OF CONNECTION. THIS HIGHER PRESSURE WILL BE APPROPRIATE FOR PROPOSED QUICK COUPLER OR KIT DISPLAY USAGE; HOWEVER, REMAIN TOO HIGH FOR DRIP SYSTEM. VALVES OPERATING EACH DRIP SYSTEM SHOULD ALLOW PRESSURE REDUCTION TO APPROXIMATELY 20 P.S.I. UNLESS GALLOWAGE OR PRESSURE LOSS REQUIRE A HIGHER SETTING.

## PLANTING LEGEND

SYMBOL	BOTANICAL NAME	WATER REQ.*	COMMON NAME	QUANTITY	SIZE	WATER USE	PLANT FACTOR	REMARKS
TREES								
⊙	SCHEPUS MOLLE	M	CALIFORNIA PEPPER	9	36" BOX	MOD	0.5	MULTI-TRUNK, GUY
⊙	BAUHINIA PURPUREA	M	PURPLE ORCHID TREE	8	36" BOX	MOD	0.5	STD. DOUBLE STAKE
⊙	LAGERSTROEMIA INDICA 'CHEROKEE'	M	CRAPE MYRTLE	8	36" BOX	MOD	0.5	STD. DOUBLE STAKE
⊙	CERCIDIUM FLORIDUM	M	BLUE PALM VERDE	9	36" BOX	LOW	0.2	MULTI-TRUNK, GUY
⊙	ACACIA SMALLI	M	SWEET ACACIA	4	36" BOX	LOW	0.2	STD. DOUBLE STAKE
⊙	PYRUS KAWAKAMI	M	EVERGREEN PEAR	2	36" BOX	MOD	0.5	STD. DOUBLE STAKE
PALMS								
11'	WASHINGTONIA ROBUSTA	M	MEXICAN FAN PALM	7	11' B.T. HEIGHT	MOD	0.5	
7'	WASHINGTONIA ROBUSTA	M	MEXICAN FAN PALM	10	7' B.T. HEIGHT	MOD	0.5	
3'	CHAMAEROPS HUMILIS	M	MEDITERRANEAN FAN PALM	8	36" BOX	MOD	0.5	MULTI-TRUNK, 3 CANE MINIMUM
3'	BRAHEA ARMATA	M	MEXICAN BLUE PALM	14	3' B.T. HEIGHT	LOW	0.2	
5'	BRAHEA ARMATA	M	MEXICAN BLUE PALM	8	5' B.T. HEIGHT	LOW	0.2	
SHRUBS / DESERT ACCENTS								
⊙	CAESALPINIA PULCHERRIMA	M	BARBADOS PRIDE	24	5 GAL.	MOD	0.5	
⊙	LEUCOPHYLLUM CANDIDUM	L	THUNDER CLOUD (TM)	48	5 GAL.	LOW	0.2	
⊙	CASSIA NEMOPHILA	L	DESERT CASSIA	29	5 GAL.	LOW	0.2	
⊙	FOUQUERIA SPLENDENS	L	OCOTILLO	19	8 CANE, 6-7' HGT. (MED.)	LOW	0.2	
⊙	ECHINOCACTUS GRUSONI	L	GOLDEN BARREL CACTUS	25	10" DIA.	LOW	0.2	
⊙	HESPERALOE PARVIFLORA	L	RED YUCCA	40	5 GAL.	LOW	0.2	
⊙	SALVIA GREGGII	M	AUTUMN SAGE	20	5 GAL.	LOW	0.2	
⊙	BOUGAINVILLEA BRASILIENSIS	M	BOUGAINVILLEA	43	5 GAL.	MOD	0.5	
⊙	DASYLIRION WHEELERI	L	DESERT SPOON	28	5 GAL.	MOD	0.5	
⊙	CALLIANDRA EROPHYLLA	M	FAIRY DUSTER	16	5 GAL.	LOW	0.2	
GROUND COVERS								
⊙	LANTANA 'NEW GOLD'	M	LANTANA	78	1 GAL.	MOD	0.5	PLANT 4" O.C., TRI. SPACING
⊙	LANTANA MONTEVIDEENSIS	M	PURPLE LANTANA	61	1 GAL.	MOD	0.5	PLANT 4" O.C., TRI. SPACING
⊙	BACCHARIS SAROTHIROIDES 'STARN THOMPSON'	M	DWARF CHAPARRAL BROOM	124	1 GAL.	LOW	0.2	PLANT 5" O.C., TRI. SPACING (FROM ROOTED CUTTINGS) - MUST BE TAGGED 'CENTENNIAL' OR THEY WILL NOT BE ACCEPTED
INERT MATERIALS								
⊙			STABILIZED FINES - SEE SPECIFICATIONS					
⊙			DECORATIVE SUN PEBBLES (3" - 8" DIA.)					
⊙			DECORATIVE HARDSCAPE - SEE SPECIFICATIONS					
⊙			DECORATIVE BOULDERS: 'DESERT SELECT' BY SOUTHWEST BOULDER (SIZE INDICATED ON PLANS)					
FOR ESTIMATION PURPOSES: 2' BOULDERS WEIGH APPROXIMATELY 800 LBS. 3' BOULDERS WEIGH APPROXIMATELY 1,000 LBS. 4' BOULDERS WEIGH APPROXIMATELY 2,000 LBS. * (WATER REQUIREMENTS: L = LOW, M = MODERATE)								

NOTE: ALL GROUNDCOVERS SHALL BE PLANTED 24" OR MORE FROM THE EDGE OF CURB.

CITY OF LA QUINTA  
Plan Set No. 05045



Underground Service Alert  
Call: TOLL FREE  
1-800-422-4133  
TWO WORKING DAYS BEFORE YOU DIG

REFERENCES	NO.	DATE	INT.	REVISIONS	APPR.	DATE	<p>PREPARED UNDER THE SUPERVISION OF:</p> <p><i>K. Rhodes</i> KIM S. RHODES R.L.A. 3867 EXP. 09/30/06</p> <p>APPROVED BY:</p> <p>CITY OF LA QUINTA <i>Timothy R. Johanson</i> TIMOTHY R. JOHANSON, P.E. PUBLIC WORKS DIRECTOR/ CITY ENGINEER RCE NO. 45043 EXP. 12/31/06 DATE 3/23/05</p> <p>PLANS PREPARED BY:</p> <p>DAVID EVANS AND ASSOCIATES INC. 77-682 Country Club Dr., Suite F2 Palm Desert, CA 92211 Phone: 760.772.6556</p> <p>These plans have been reviewed by the Coachella Valley Water District in accordance with Water Code Title 7, Division 1, Chapter 3, Article 10.8, Section 85007 et seq. receiving efficient landscape and irrigation design in cooperation with the local governing agency (City or County).</p> <p>*Approval of this drawing by CIVD Staff does not constitute approval to excavate into district and USBR Right-of-Way. Tree, plants, wells and permanent structures of any kind may not be located or installed in CIVD and USBR accounts or right-of-way without first obtaining an encroachment permit from CIVD.</p> <p>DATE: 1-26-05 WATER MANAGEMENT SPECIALIST <i>David Evans</i> DEVELOPMENT SERVICES SUPERVISOR</p>	<p>CITY OF LA QUINTA NOTES AND LEGENDS</p> <p>DESIGN: KSR CHECK: KSR DATE: 8-04-04 DWG. No. CJA00025 LCN-1</p> <p>WASHINGTON STREET MEDIAN IMPROVEMENTS AVENUE 48 TO AVENUE 50</p>
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WASHINGTON STREET MEDIAN IMPROVEMENTS  
AVENUE 48 TO AVENUE 50  
PROJ. NO. 2003-09