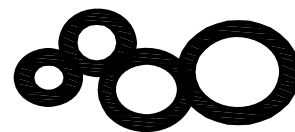


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ISSUED FOR	DATE
BID PK #1	10.08.08
50% PROGRESS	10.24.08
BD PK #1 80% CD	12.01.08
BD PK #1 100% CD	02.16.09
BD PK #2 100% CD	03.26.09
100% CD	05.08.09

SANFORD CONSORTIUM FOR REGENERATIVE MEDICINE

La Jolla, CA



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SHEET NAME
DETAILS AND STREET
SECTIONS
DRAWN BY:
PROJECT #:
SHEET NUMBER

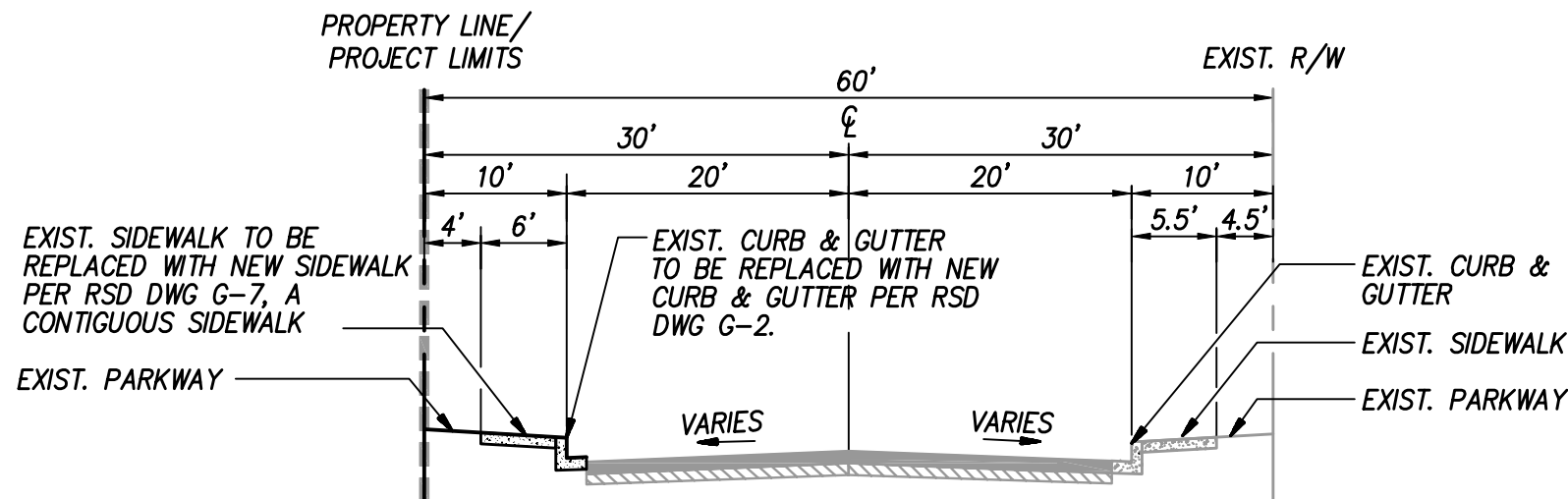
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CITY OF SAN DIEGO RECYCLED WATER NOTES

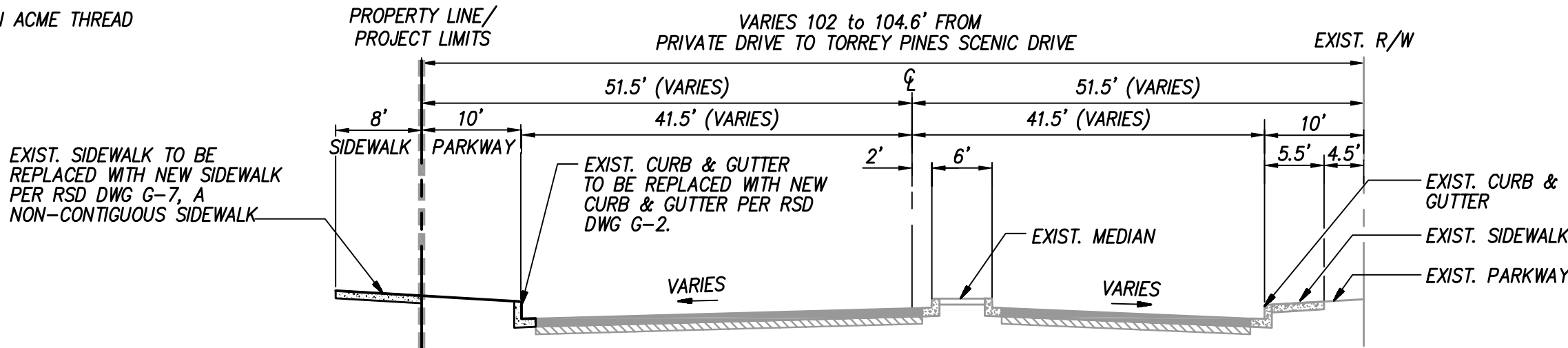
- TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION ON SITE, IMPROVEMENTS, CONTRACTOR SHALL NOTIFY THE RECYCLED WATER PROGRAM AT 619.533.7485.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE "CITY OF SAN DIEGO RULES AND REGULATIONS FOR RECYCLED WATER USE AND DISTRIBUTION WITHIN THE CITY OF SAN DIEGO" AND THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH REQUIREMENTS.
- ALL BACKFLOW PREVENTER INSTALLATIONS AND LOCATIONS SHALL BE SUBJECTED TO APPROVAL BY THE CITY OF SAN DIEGO WATER DEPARTMENT.
- ALL PUBLIC FACILITIES SUCH AS COMFORT STATIONS, DRINKING FOUNTAINS, ETC. SHALL BE PROTECTED FROM SPRAY AND/OR MISTING BY RECYCLED WATER.
- NO PONDING, RUN-OFF, OR OVER-SPRAY IS PERMITTED. ADJUST ALL SPRINKLER HEADS TO PREVENT OVER-SPRAYING ONTO SIDEWALKS, STREETS AND PRIVATE LOTS.
- HOSE BIBS ON RECYCLED WATER SYSTEMS ARE PROHIBITED.
- ONSITE CROSS-CONNECTION BETWEEN RECYCLED WATER LINES AND POTABLE WATER LINES IS STRICTLY PROHIBITED.
- QUICK COUPLING VALVES USED IN RECYCLED WATER SYSTEMS SHALL CONFORM TO THE FOLLOWING:
 - A TYPE APPROVED FOR RECYCLED WATER USE WITH A NORMAL WORKING PRESSURE OF 150 P.S.I.
 - RECYCLED WATER QUICK COUPLER MUST BE DIFFERENT FROM POTABLE WATER QUICK COUPLER VALVES.
 - IN ORDER TO PREVENT UNAUTHORIZED USE, THE VALVE SHALL BE OPERATED ONLY WITH A SPECIAL COUPLER KEY WITH AN ACME THREAD FOR OPENING AND CLOSING THE VALVE.
 - THE COVER SHALL BE PERMANENTLY ATTACHED TO THE QUICK-COUPLING VALVES. IT SHALL BE PURPLE RUBBER OR VINYL.
 - LOCKING COVERS ARE REQUIRED.
- NO SUBSTITUTION OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL BY THE CITY OF SAN DIEGO.
- INSTALL APPROVED, METALLIC BACKED AND STENCILED WARNING TAPE OVER ALL PRESSURE RECYCLED WATER LINES. STENCIL AND COLOR CODE (PURPLE PANTONE 522) ALL IRRIGATION PIPE. ORIENT THE STENCILING TO THE TOP OF THE TRENCH.
- PROVIDE A MINIMUM OF AT LEAST 18 INCHES OF COVERING OVER ALL WIRING AND PIPING.
- OPERATE THE IRRIGATION SYSTEM ONLY BETWEEN 9:00 PM AND 6:00 AM, UNLESS THE CERTIFIED SITE SUPERVISOR IS PRESENT AT THE SITE DURING THE IRRIGATION PERIOD.
- WHEN POTABLE WATER LINES AND RECYCLED WATER LINES CROSS, THE RECYCLED LINE SHALL BE INSTALLED WITHIN A PROTECTIVE SLEEVE. THE SLEEVE SHALL EXTEND 10 FEET FROM EACH SIDE, FROM THE CENTER LINE OF POTABLE LINE, FOR A TOTAL OF 20 FEET.
- MAINTAIN A 10 FOOT HORIZONTAL SEPARATION BETWEEN POTABLE WATER AND RECYCLED WATER OR SEWER LINES. INSTALL SEWER LINE BELOW RECYCLED WATER LINE AND RECYCLED WATER LINE BELOW THE POTABLE WATER LINE.
- PROVIDE A MINIMUM OF 12 INCHES OF VERTICAL SEPARATION BETWEEN POTABLE/RECYCLED WATER/SEWER.
- THE SITE IRRIGATION SYSTEMS AS SHOWN ON THESE DOCUMENTS WILL UTILIZE POTABLE WATER UNTIL SUCH TIME AS THE CITY OF SAN DIEGO MAKES RECYCLED WATER AVAILABLE TO THE SITE.
- INSTALL PURPLE COLORED PANTONE #522 MATERIAL FOR ALL ABOVE GROUND IRRIGATION FACILITIES:
 - VALVE AND OTHER ON GRADE BOXES - INTEGRAL COLOR
 - BACKFLOW DEVICES - PAINTED 3 COATS OF ENAMEL
 - SPRINKLER HEADS - INTEGRAL COLOR PLASTIC
- TAG ALL VALVES AND OTHER BELOW GRADE APPURTENANCES WITHIN BOXES WITH PERMANENT RECYCLED WATER LABELS IN BOTH ENGLISH AND SPANISH THAT IDENTIFY RECYCLED WATER IN USE ("RECYCLED WATER-DO NOT DRINK"). ATTACH THE LABEL WITH EITHER STAINLESS STEEL WIRE OR SELF LOCKING PLASTIC TIES.
- THE REQUIRED CROSS-CONNECTION TEST SHALL BE DONE BY THE CITY OF SAN DIEGO WATER DEPARTMENT AND MONITORED BY THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH. COPIES OF THE INSPECTION REPORTS WILL BE FORWARDED TO THE NON-INSPECTING PARTY.
- THE DESIGN LOCATIONS PROPOSED FOR RECYCLED WATER "DO NOT DRINK" SIGNS SHALL BE CALLED OUT ON THE PLANS.
- AN ANNUAL CROSS-CONNECTION INSPECTION WILL BE DONE BY THE CITY OF SAN DIEGO SUBJECT TO APPROVAL BY THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH. COPIES OF THE INSPECTION REPORTS WILL BE FORWARDED TO THE NON-INSPECTION PARTY. A CROSS-CONNECTION SHUTDOWN TEST WILL BE PERFORMED EVERY FOUR YEARS.
- PRIOR TO CONVERSION TO RECYCLED WATER, AN ONSITE RECYCLED WATER SITE SUPERVISOR SHALL BE DESIGNATED IN WRITING. THIS INDIVIDUAL SHALL BE FAMILIAR WITH PLUMBING SYSTEMS WITHIN THE PROPERTY AND WITH THE BASIC REQUIREMENTS OF RECYCLED WATER SYSTEMS. THE DESIGNATED SITE SUPERVISOR SHALL BE CERTIFIED BY ATTENDING A CLASS FOR RECYCLED WATER SITE SUPERVISORS. SITE SUPERVISOR MUST BE RE-CERTIFIED EVERY FIVE YEARS. COPIES OF THE SITE SUPERVISOR'S CERTIFICATE, WITH A 24-HOUR CONTACT NUMBER, SHALL BE PROVIDED TO THE CITY OF SAN DIEGO AND THE COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH WITH THE FOLLOWING INFORMATION:

IN CASE OF EMERGENCY CONTACT: _____ AT _____

AFTER HOURS CONTACT: _____ AT _____
- A PHYSICAL SEPARATION SHALL BE PROVIDED BETWEEN ADJACENT AREAS IRRIGATED WITH RECYCLED WATER AND POTABLE WATER. SEPARATION SHALL BE PROVIDED BY DISTANCE, CONCRETE MOW STRIPS, OR OTHER APPROVED METHODS.
- CALL OUT ON THE PLANS IF THERE ARE OR ARE NOT ANY DRINKING FOUNTAINS AND/OR DESIGNATED OUTDOOR EATING AREAS ON THE SITE.
- ALL PUBLIC AND PRIVATE POTABLE WATER MAINS INCLUDING FIRE MAINS AND ANY WATER WELLS AND WATER COURSES WITHIN THE RECYCLED WATER PROJECT SHALL BE SHOWN ON THE PLANS.
- EDUCATE ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS OF THE PRESENCE OF RECYCLED WATER. PERSONNEL MUST BE INFORMED THAT RECYCLED WATER IS MEANT FOR THE SITE'S DESIGNATED PURPOSES ONLY, AND IS NOT APPROVED FOR DRINKING PURPOSES, HAND WASHING, CLEANING OF TOOLS, ETC. GIVEN THE HIGH TURNOVER RATE OF EMPLOYEES IN THE LANDSCAPE INDUSTRY, IT IS IMPORTANT THIS INFORMATION BE DISSEMINATED ON AN ALMOST DAILY BASIS.
- PRIOR TO INSTALLATION OF ANY RECYCLED WATER WORK, IT MUST BE INSPECTED BY THE CITY'S RECYCLED WATER PROGRAM PERSONNEL. THE INITIAL CROSS-CONNECTION SHUTDOWN TEST SHOULD BE PERFORMED USING POTABLE WATER FROM A FIRE HYDRANT AND THROUGH A CONSTRUCTION METER WITH AN APPROVED BACKFLOW DEVICE ISSUED BY THE CITY WATER DEPARTMENT.
- ALL INITIAL IRRIGATION SHALL USE POTABLE WATER. NO RECYCLED WATER SHALL BE USED UNTIL THE SITE HAS PASSED THE INITIAL SHUTDOWN CROSS-CONNECTION TEST AND HAS BEEN APPROVED BY THE CITY OF SAN DIEGO AND COUNTY OF SAN DIEGO.



TYPICAL STREET SECTION
TORREY PINES SCENIC DRIVE
NOT TO SCALE



TYPICAL STREET SECTION
NORTH TORREY PINES ROAD
NOT TO SCALE

DECLARATION OF RESPONSIBLE CHARGE:
I HEREBY DECLARE THAT I AM THE LICENSED DESIGN PROFESSIONAL OF THE WORK FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGES OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.
I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO AND SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS THE LICENSED DESIGN PROFESSIONAL OF THE WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

FIRM NAME: _____
RESPONSIBLE PARTY NAME: _____
ADDRESS: _____
PHONE: _____ EMAIL: _____
SIGNATURE: _____ DATE: _____
REGISTRATION NUMBER: _____ EXPIRATION DATE: _____



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USA M. LEMCKE, R.C.E. 54320	DATE	REGISTRATION	EXPIRES 12-31-09	DESIGNED BY	PM	REVIEW	SURVEY	REVIEW
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PRIVATE CONTRACT
IMPROVEMENT PLANS FOR:

SDCRM
APN 342-010-18

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 2 OF XX SHEETS		W.O. NO. 431587 P.T.S. NO. 164918
FOR CITY ENGINEER		DATE
DESCRIPTION	BY	APPROVED
ORIGINAL	PDC	DATE
		FILED
		1904 - 6255
		NAD 83
		264 - 1695
		LAMBERT COORDINATES
AS-BUILTS	PDC	
CONTRACTOR	INSPECTOR	DATE STARTED
		DATE COMPLETED

35016-2-D