OTAY WATER DISTRICT
ONSITE RECYCLED WATER SYSTEM CHECKLIST

PROJECT NAME: _____PROJECT NO. _____

PLAN REVIEWER: _____PEER REVIEWER: _____

I. ALL SHEETS	1st Check	2nd Check	3rd Check	Mylar	Comments
A. Medium					
1. 24"x36" size Mylar conforming to District format					
2. No "sticky back", glued or taped on sections					
B. Signed by the Landscape Architect-of-Work, date of expiration of registration adjacent to signature					
C. Marked with the name, address and telephone number of the firm preparing the plans and date of preparation					
E. Consecutively numbered with total number of sheets					
F. Lettered in a neat and legible style, no hand lettering smaller than 1/8" and no machine letter smaller than 1/10”					
D. OWD Project# shown vertically on right margin					
E. OWD Inspection Note					
F. OWD Review By Block (On all consecutive sheets except for Title sheet)					
G. OWD Project# shown horizontally on lower right corner of the plan					
II. TITLE SHEET	**1st Check**	**2nd Check**	**3rd Check**	**Mylar**	**Comments**
A. OWD Signature Block – Including: 1. OWD Project#, 2. Recycled Water Pressure Zone 3. Potable Water Pressure Zone					
B. DEH Signature Block					
C. Declaration of Responsible Charge					
D. Responsibility Disclaimer					
E. Meter Information Table					

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F. DEH RW# or LRWS# shown vertically on top right margin					
G. Marked with the name, address and telephone number of the owner and developer					
H. Name and phase of development					
I. OWD Inspection Note					
J. Omission Statement					
K. OWD and DEH Recycled Water Notes					
L. Index/Site Map					
1. Scale is 1"= 200' minimum					
2. Sheet coverage shown					
3. North arrow					
4. Street names					
5. Location of all irrigation meters					
6. Point of connection					
7. Show existing & proposed utilities in street (type & size)					
8. Fire Hydrants					
9. Recycled Water “Do Not Drink” Sign locations					
M. Vicinity Map					
1. Orient north arrow as on key map					
2. Arterial streets shown					
3. Project boundary street shown					
4. APN or site address					

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III. LEGEND, DETAILS & SPECS	1st Check	2nd Check	3rd Check	Mylar	Comments
A. Non-standard symbols and abbreviations used are listed and described					
B. For sprinklers, show radius & pattern, flow pressure, material, manufacturer & model number					
C. Materials from Agency list or Specs when applicable					
D. Agency standards (section 15152)					
E. Must show details WR-01 or WR-02, WR-03, WR-04 & WM-08					
F. Show symbols of potable water meter and potable mains.					
G. For temporary potable connection: Detail WR-05 (if applicable)					
H. Show quick coupler & Cross connection test station details					
I. Pressure regulator or regulated Master Valve at POC					
J. OWD 10-foot separation detail					
K. Show potable/recycled crossing and trench details					
L. All valve boxes shall have 3/8” pea gravel					
M. Booster pumps and fertigation units shall have a bypass					
IV. DESIGN (On-Site)	**1st Check**	**2nd Check**	**3rd Check**	**Mylar**	**Comments**
A. Show potable water, recycled water and sewer lines					
B. Show point of connection					
1. To potable: show use of WR-01 or WR-02					
2. To recycled: show use of WR-03					
C. Connections of hose bibs and hydrant not allowed					

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D. Cross connection b/t recycled and potable prohibited					
E. Potable & recycled not in same trench					
F. Drinking fountains and outdoor eating facilities are to be protected from spray of irrigation lines					
G. Recycled water system does not discharge onto areas not under the owner's control					
H. Minimum separation between areas irrigated with recycled water, those irrigated with potable water = 4' Concrete mow curb acceptable					
I. Recycled water quick couplers are not allowed					
J. Potable and Recycled water lines shall be differentiated on plans					
V. IRRIGATION PLANS	**1st Check**	**2nd Check**	**3rd Check**	**Mylar**	**Comments**
A. Show:					
1. Point of connection per WR-01, 02,03, 04 as appropriate					
a. Meters					
b. Verify w/ OWD & Civil that lateral stub out exists					
c. Lateral size (2" min.)					
d. Meter size & location (Road Stationing)					
e. Proposed Max Flow (GPM)					
f. Size of irrigated area (SF)					
g. Estimated yearly demand (Ac-Ft)					
h. Design operating pressure (psi)					
2. All appurtenances near POC (blow offs, air valves, fire hydrants, etc.)					
3. Gate valves					
4. Control Valves					
5. Quick coupling Valves					
6. Control stations					

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7. Signage					
8. Cross connection test stations					
9. Adjacent parcels					
10. Backflow prevention device					
11. Potable water lines					
12. Buildings					
13. Decorative fountains					
14. Exterior drinking fountains					
15. Routing of all irrigation pipes					
16. Area controlled by each controller station					
17. Separation of irrigation system used (fence, mow curbs, walls, ..)					
18. Swimming pools (No QCV within 50’, drip or bubbler only, not potable QCV within 75’, Plants must be 4 feet away from the pool or spa)					
19. Playgrounds					
20. Eating areas					
B. If none of the above is present, include an omission paragraph specifically stating none exist					
C. OWD Water Notes					
D. DEH Water Notes					
E. Additional notes are designated as "Special Notes"					
F. Inspection note shown on each sheet of irrigation plans					
G. Reference all Existing OWD Project#, RW# and LRWS# @ system connections					
H. Depth of pipe					
1. Intermittent pressure (2" or less) 12" min. TOP					
2. Constant pressure (less than 6") 18" min. TOP					
3. Constant pressure (6" or more) 30" min. TOP					
I. Warning/identification tape					
J. Horizontal separation between recycled & potable is 4’					
K. Vertical separation is 12" OD recycled below potable					
1. Recycled may be above if is intermittent pressure					

2. Recycled may be above if constant pressure line has auto flow control/shut-off device or is sleeved					
L. Cross connection test station is directly downstream of meter and/or pressure reducing valve					
M. Fertigation system requires RP device instead of check valve. Fertigation device located at end of POC					
VI. MATERIALS	**1st Check**	**2nd Check**	**3rd Check**	**Mylar**	**Comments**
A. 3" or smaller pipe - solid purple ASTM-D1784 type 1 grade 1 PVC 1120 for Son. 40 or 80 or ASTM-D2241 type 1 grade 1 PVC 1120 for SDR rated pipe					
B. 4" or greater AWWA C-900 or C-905					
C. Sprinklers, valves boxes, valves w/ exterior exposure are to be purple.					
VII. MISCELLANEOUS	**1st Check**	**2nd Check**	**3rd Check**	**Mylar**	**Comments**
A. Quick coupler valve shall be of a type approved for Recycled water use.					
B. Installation and materials for recycled water irrigation system shall conform the Water Agencies Standards and Specifications, section 15152 recycled water facilities					
C. All shrub heads shall have purple caps. Decal on risers will not be accepted					
D. Sign and date the engineer/architect stamp on the title sheet.					
E. Sign and date the declaration of responsibility on the title sheet.					
F. All RW appurtenances to have “DO NOT DRINK” tags.					
G. “DO NOT DRINK” decal on irrigation controller.					
H. Details for all appurtenances in POC sequence (pressure regulator, master valve, flow sensor, etc.)					
I. POC sequence is hard piped up to flow sensor.					
J. No red brass in materials.					
END					

STANDARD SIGNATURE BLOCKS

OTAY WATER DISTRICT

Project No. _____

Permit No. _____ **RPZ** _____

_____ _____

DAN MARTIN, P.E. DATE:

_____ _____

REVIEWED BY DATE:

Note: Signature expires 1 year after date.

COUNTY OF SAN DIEGO
Department of Environmental Health
Land and Water Quality Division

_____ _____

GLENN LEEKS DATE:
Environmental Health Specialist

THE SIGNATURE BLOCKS SHALL BE SHOWN ON THE TITLE PAGE OF THE PROJECT PLAN SET ONLY

DECLARATION OF RESPONSIBLE CHARGE (Title Sheet Only)

I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF _____, THE OTAY WATER DISTRICT AND THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS THE LANDSCAPE ARCHITECT OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

_____

FIRM NAME & ADDRESS

_____ _____

SIGNATURE DATE

REGISTRATION NO. _____

Note: this "Declaration of Responsible Charge" shall be included (with the requested information completed) on the project design plans title page only.

INSPECTION NOTE (All Sheets)

OTAY WATER DISTRICT INSPECTION SHALL BE NOTIFIED FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION AT (619) 670-2241. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.

OMISSION STATEMENT (title sheet only)

THERE ARE NO DRINKING FOUNTAINS, DECORATIVE FOUNTAINS, COMFORT STATIONS, OUTDOOR EATING AREAS, SWIMMING POOLS, PLAYGROUND EQUIPMENT, OR WELLS ON THE SITE.

If one of the listed items does exist, each must be clearly identified on plan. Note shall read, " DRINKING WATER FOUNTAINS, DESIGNATED OUTDOOR EATING AREAS POOLS, ETC. SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUN-OFF.

METER INFORMATION TABLE (title sheet only)

POC ID	POC STA.	IRRIGATED AREA (SF)	DEMAND (GPM)	ANNUAL USAGE (ACRE-FT)	LATERAL SIZE (IN)	METER SIZE (IN)
	TOTAL					

COLOR CODING (add to legend table, irrigation legend and details sheet)

SPRINKLERS, ROTOR HEADS AND OTHER TYPES OF DISPERSION HEADS SHALL HAVE THE EXPOSED SURFACE COLORED PURPLE. THE EXPOSED SURFACE SHALL BE COLORED THROUGH THE USE OF INTEGRALLY MOLDED PURPLE PLASTIC OR PERMANENTLY ATTACHED PURPLE PLASTIC RING OR DISC. ALL SHRUB HEADS SHALL HAVE PURPLE CAPS. DECAL ON RISERS WILL NOT BE ACCEPTED.

RESPONSIBILITY DISCLAIMER

ALL SCREENED FACILITIES, EXISTING OR PROPOSED, WERE OBTAINED FROM CIVIL PLAN [INSERT CITY OF CHULA VISTA DRAWING NO. AND OTAY WATER DISTRICT PROJECT NO.]. ACTUAL SIZE AND LOCATION OF FACILITIES SHALL BE VERIFIED. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERFIFY TIE IN LOCATIONS, PIPE SIZE AND TYPE PRIOR TO ANY WORK BEING PERFROMED. TO THE BEST OF OUR KNOWLEDGE THE FACILITIES EXIST OR WILL EXIST AS SHOWN. THE OTAY WATER DISTRICT AND [LANDSCAPE ARCHITECT FIRM] SHALL NOT BE HELD RESPONSIBLE FOR ACTUAL SIZE OR LOCATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OTAY WATER DISTRICT ENGINEER.

OTAY WATER DISTRICT RECYCLED WATER NOTES

1. ALL ON-SITE IRRIGATION IMPROVEMENTS SHOWN ON THESE PLANS ARE PART OF A RECYCLED WATER DISTRIBUTION SYSTEM. NO CONSTRUCTION WILL BE ALLOWED UNTIL ALL APPROVALS HAVE BEEN OBTAINED.

2. CROSS CONNECTIONS BETWEEN RECYCLED WATER LINES AND POTABLE WATER LINES ARE STRICTLY PROHIBITED.

3. USE OF RECYCLED WATER SHALL ADHERE TO TITLE 22, DIVISION 4, CHAPTER 3 OF THE CALIFORNIA CODE OF REGULATIONS AND THE CURRENT RULES, REGULATIONS AND SPECIFICATIONS OF THE DISTRICT.

4. OTAY WATER DISTRICT INSPECTION SHALL BE NOTIFIED FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION AT (619) 670-2241. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.

5. PUBLIC FACILITIES, SUCH AS DRINKING AND DECORATIVE FOUNTAINS, COMFORT STATIONS, PLAYGROUND EQUIPMENT, ETC., DO/DO NOT **(CHOOSE ONE)** EXIST ON THIS PROJECT.

6. ALL ON-SITE RECYCLED WATER IRRIGATION PIPING AND ON-SITE POTABLE WATER PIPING INSTALLED UNDER THIS DESIGN SHALL BE IDENTIFIED IN ACCORDANCE WITH THE DISTRICT STANDARD SPECIFICATIONS.

7. ALL ON-SITE RECYCLED WATER PIPING SHALL BE PURPLE COLORED PVC, CONTINUOUSLY STENCILED ON OPPOSITE SIDES OF THE PIPE WITH THE WORDS "CAUTION - RECYCLED WATER". APPROVED MANUFACTURERS OF THIS PIPE CAN BE FOUND IN THE DISTRICTS' "APPROVED MATERIALS LIST".

8. ALL ON-SITE POTABLE WATER LINES SHALL BE WHITE PVC UNLESS OTHERWISE APPROVED BY THE DISTRICT.

9. UNLESS OTHERWISE DIRECTED BY THE DISTRICT, A 10-FOOT HORIZONTAL AND 1-FOOT VERTICAL SEPARATION BETWEEN POTABLE WATER AND CONSTANT PRESSURE RECYCLED WATER LINES SHALL BE MAINTAINED AT ALL TIMES. THE POTABLE LINES SHALL BE INSTALLED ABOVE THE RECYCLED LINES.

10. WHERE POTABLE LINES AND CONSTANT PRESSURE RECYCLED WATER LINES CROSS, THE RECYCLED WATER LINE SHALL BE INSTALLED BELOW THE POTABLE WATER LINE IN A CLASS 200 PURPLE COLORED PVC SLEEVE. THE SLEEVE SHALL EXTEND 10-FEET ON EITHER SIDE OF THE POTABLE LINE, FOR A TOTAL OF 20-FEET.

11. A MINIMUM VERTICAL SEPARATION OF 12 INCHES SHALL BE MAINTAINED BETWEEN UTILITIES AT ALL TIMES.

12. HOSE BIBS ARE STRICTLY PROHIBITED ON RECYCLED WATER SYSTEMS.

13. ALL SPRAY HEADS, VALVE BOXES, AND QUICK COUPLER VALVES SHALL BE CLEARLY COLOR CODED (PURPLE) TO INDICATE THE USE OF RECYCLED WATER.

14. RECYCLED WATER LINES SHALL NOT CROSS ROADS, STREETS, OR EASEMENTS UNLESS SPECIFICALLY SHOWN ON THESE PLANS.

15. ALL PRESSURE LINES SHALL BE TESTED WITH HYDROSTATIC PRESSURE AS REQUIRED IN THE DISTRICT STANDARD SPECIFICATIONS, AND ALL NON-PRESSURE LINES SHALL BE TESTED WITH THE EXISTING STATIC LINE PRESSURE. NO LEAKS SHALL BE ALLOWED. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT FOR HYDROSTATIC TESTS. THESE TESTS SHALL BE WITNESSED BY A REPRESENTATIVE OF THE DISTRICT.

16. ALL SIGNAGE SHALL BE APPROVED AND INSTALLED PRIOR TO ENERGIZING THE SYSTEM WITH WATER. A SIGNAGE PLAN INDICATING USE OF RECYCLED WATER SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL PRIOR TO INSTALLATION. AS A MINIMUM, SIGNS MUST BE POSTED AND WRITTEN IN ENGLISH AND SPANISH WITH THE INTERNATIONAL SYMBOL (DO NOT DRINK).

17. ALL METER SIZES SHALL BE VERIFIED BY THE DISTRICT. FINAL DETERMINATION OF METER SIZES IS RESERVED BY THE DISTRICT.

18. ALL RECYCLED WATER SERVICES REQUIRE BACKFLOW PREVENTION. IRRIGATION SYSTEMS BEING SUPPLIED WITH RECYCLED WATER SHALL INSTALL BACKFLOW PREVENTION AND A WYE STRAINER PER DISTRICT STANDARD DRAWING W-45. IRRIGATION SYSTEMS CURRENTLY BEING SUPPLIED WITH POTABLE WATER SHALL INSTALL A REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER DISTRICT STANDARD DRAWINGS WR-01 OR WR-02. WHEN RECYCLED WATER BECOMES AVAILABLE, THE REDUCED PRESSURE BACKFLOW DEVICE SHALL BE REMOVED BY THE OWNER AND REPLACED WITH A BACKFLOW DEVICE AND WYE PER DISTRICT STANDARD DRAWING WR-03.

19. PRIOR TO ENERGIZING THE ON-SITE SYSTEM WITH WATER, ONE (1) COMPLETE SET OF LAMINATED CONTROLLER CHARTS SHALL BE PROVIDED TO THE DISTRICT.

20. EACH AUTOMATIC CONTROLLER AND ITS ASSOCIATED EQUIPMENT SHALL BE IDENTIFIED WITH A SIGN BEARING THE WORDS “RECYCLED WATER USED FOR IRRIGATION” IN ENGLISH AND SPANISH, WITH WHITE LETTERS AT LEAST 1 INCH HIGH ON A PURPLE, PANTONE 512, BACKGROUND. THE SIGN SHALL BE PLACED AS TO BE READILY SEEN BY ANY OPERATIONS PERSONNEL UTILIZING THE EQUIPMENT.

21. THE CONTRACTOR SHALL ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE. THIS SHALL INCLUDE THROTTLING THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.

CONDITIONS THAT CAUSE OVERSPRAYS, PONDING, OR RUNOFF SHALL BE ELIMINATED. ADJUST SYSTEM TO AVOID THESE CONDITIONS.

22. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO AND SHALL BE OPERATED BETWEEN THE HOURS OF 9:00 P.M. AND 6:00 A.M. UNLESS OTHERWISE APPROVED BY THE DISTRICT.

23. NO SUBSTITUTION OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT.

24. AN INITIAL AND ANNUAL CROSS-CONNECTION INSPECTION WILL BE DONE AT SITES WITH BOTH POTABLE AND RECYCLED WATER SERVICE BY THE DISTRICT AND/OR THE SAN DIEGO COUNTY ENVIRONMENTAL HEALTH. COPIES OF INSPECTION REPORTS WILL BE FORWARDED TO THE NON-INSPECTING PARTY.

25. FAILURE TO COMPLY WITH THE DISTRICT'S RULES AND REGULATIONS IS A VIOLATION AND COULD RESULT IN SUSPENSION OF SERVICE UNTIL THE APPROPRIATE CORRECTIVE STEPS HAVE BEEN TAKEN.

26. WHEN RECYCLED WATER BECOMES AVAILABLE, AN ON-SITE USER/SUPERVISOR SHALL BE DESIGNATED IN WRITING. THIS INDIVIDUAL SHALL BE FAMILIAR WITH PLUMBING SYSTEMS WITHIN THE PROPERTY, WITH THE BASIC CONCEPTS OF BACKFLOW/CROSS CONNECTION PROTECTION, THE RECYCLED PURVEYOR'S RULES AND REGULATIONS, AND THE SPECIFIC REQUIREMENTS OF A RECYCLED WATER SYSTEM. COPIES OF THE DESIGNATION, WITH CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE OTAY WATER DISTRICT AND SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH.

IN CASE OF EMERGENCY, CONTACT_____AT _____
NAME PHONE NO.

OR AFTER HOURS, CONTACT_____AT_____
NAME PHONE NO.

27. BEST MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUN-OFF, OVER-SPRAY AND MISTING.

28. RECYCLED WATER QUICK COUPLING VALVES SHALL BE OF A TYPE DESIGNED FOR USE ON RECYCLED WATER DISTRIBUTION SYSTEMS (SPIKES NOT INTERCHANGEABLE WITH POTABLE WATER QUICK COUPLER SPIKES) PER OTAY WATER DISTRICT'S RULES AND REGULATIONS.

29. ALL BUILDINGS SHALL HAVE A THRESHOLD VALVE ON THE POTABLE WATER SUPPLY.

30. ALL BOX LIDS SHALL BE BRANDED.

31. A 10-FOOT SEPARATION BETWEEN RECYCLED WATER IRRIGATION MAIN LINE TIE IN POINT AND PROJECT POINT OF CONNECTION (POC) IS TO BE MAINTAINED DURING THE CONSTRUCTION PROCESS AND IS TO BE TIED IN AT THE INSPECTIONS DIRECTION, AFTER DEH APPROVALS AND METER(S) SET(S) HAVE TAKEN PLACE.

32. RECYCLED WATER IRRIGATION PROJECTS THAT REQUIRE PHASING OF CONSTRUCTION SHALL REQUIRE A DETAILED PHASING PLAN BE SUBMITTED BY THE PROJECT ARCHITECT TO THE DISTRICT FOR REVIEW. UPON APPROVAL OF THE PHASING PLAN BY THE DISTRICT, A COPY OF THE APPROVED PHASING PLAN SHALL BE INCORPORATED INTO THE APPROVED PLAN SET(S) BY THE PROJECT ARCHITECT.

DEPARTMENT OF ENVIRONMENTAL HEALTH
RECYCLED WATER NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE **OTAY WATER DISTRICT'S** RULES AND REGULATIONS.

2. DRINKING WATER FOUNTAINS AND DESIGNATED OUTDOOR EATING AREAS SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUNOFF.

3. BEST MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUN-OFF, OVER-SPRAY AND MISTING.

4. HOSE BIBS ARE STRICTLY PROHIBITED.

5. CROSS-CONNECTIONS BETWEEN RECYCLED WATERLINES AND POTABLE WATER LINES ARE STRICTLY PROHIBITED.

6. NO SUBSTITUTIONS OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE **OTAY WATER DISTRICT.**

7. ALL MAINLINE PIPES SHALL HAVE WARNING TAPE PER **OTAY WATER DISTRICT'S** RULES AND REGULATIONS.

8. HOURS FOR IRRIGATION WITH RECYCLED WATER ARE FROM 9:00P.M. TO 6:00 A.M. THE HOURS FOR IRRIGATION WITH DISINFECTED TERTIARY RECYCLED WATER MAY BE MODIFIED BY THE LOCAL AUTHORITY. IRRIGATION DURING PUBLIC USE PERIODS WITH DISINFECTED TERTIARY RECYCLED WATER SHALL BE UNDER THE SUPERVISION OF THE DESIGNATED USER SUPERVISOR. IRRIGATION WITH WATER OF A LESSER QUALITY THAN DISINFECTED TERTIARY RECYCLED WATER SHALL BE BETWEEN THE HOURS OF 9:00P.M. AND 6:00 A.M.

9. BURIAL OF ALL WIRING AND PIPING SHALL MEET **OTAY WATER DISTRICT'S** RULES AND REGULATIONS.

10. NON-DESIGNATED USE AREAS SHALL BE PROTECTED FROM CONTACT WITH RECYCLED WATER, WHETHER BY WINDBLOWN SPRAY OR BY DIRECT APPLICATION THROUGH IRRIGATION OR OTHER USE. LACK OF PROTECTION, WHETHER BY DESIGN, CONSTRUCTION PRACTICE OR SYSTEM OPERATION, IS STRICTLY PROHIBITED.

11. IRRIGATION HEADS SHALL BE RELOCATED OR ADJUSTED TO MINIMIZE OR ELIMINATE OVER-SPRAYING ON SIDEWALKS, STREETS AND NON-DESIGNATED USE AREAS.

12. RECYCLED WATER QUICK COUPLING VALVES SHALL BE OF A TYPE DESIGNED FOR THE USE ON RECYCLED WATER DISTRIBUTION SYSTEMS PER **OTAY WATER DISTRICT'S** RULES AND REGULATIONS.

13. ON RECYCLED WATER SYSTEMS, ALL APPURTENANCES (SPRINKLER HEADS, VALVE BOXES, ETC.) SHALL BE COLOR-CODED PURPLE PER AWWA GUIDELINES AND SECTION 116815 OF THE CALIFORNIA HEALTH AND SAFETY CODE.

14. ALL IRRIGATION PIPES SHALL BE STENCILED WITH THE WARNING, "NON- POTABLE OR RECYCLED WATER," COLOR-CODED (PURPLE) AND LAID WITH WARNING TAPE AND STENCILING ORIENTED TOWARD THE TOP OF THE TRENCH PER **OTAY WATER DISTRICT'S** RULES AND REGULATIONS.

15. ON NEW ON-SITE SYSTEMS (POST-METER), POTABLE WATER, CONSTANT PRESSURE RECYCLED WATER AND SEWER LINES SHOULD BE PLACED A MINIMUM OF FOUR FEET APART OR AS DIRECTED BY THE PROJECT ENGINEER AND /OR REGULATORY AGENCY. MEASUREMENTS SHALL BE BETWEEN FACING SURFACES, NOT PIPE CENTERLINES.

16. CONSTANT PRESSURE RECYCLED WATERLINES SHALL CROSS AT LEAST TWELVE INCHES BELOW POTABLE WATERLINES AND MAINTAIN AT LEAST TWELVE INCHES CROSSING SEPARATION BETWEEN OTHER UTILITIES.

17. IF A CONSTANT PRESSURE RECYCLED WATER LINE MUST BE INSTALLED ABOVE A POTABLE WATER LINE OR LESS THAN TWELVE INCHES BELOW A POTABLE WATER LINE, THEN THE RECYCLED WATER LINE SHALL BE INSTALLED WITHIN AN APPROVED PROTECTIVE SLEEVE AS PER **OTAY WATER DISTRICT'S** RULES AND REGULATIONS.

18. DEVELOPER/CONTRACTOR SHALL CONDUCT A CROSS-CONNECTION TEST AND COVERAGE TEST AS DIRECTED BY THE **OTAY WATER DISTRICT** AND THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH PRIOR TO ANY USE OF RECYCLED WATER.

19. THE REQUIRED CROSS-CONNECTION INSPECTION SHALL BE DONE BY EITHER THE **OTAY WATER DISTRICT** AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH. COPIES OF INSPECTION REPORTS WILL BE FORWARDED TO THE NON-INSPECTING PARTY.

20. THE DESIGN AND LOCATIONS PROPOSED FOR RECYCLED WATER "DO NOT DRINK SIGNS SHALL BE CALLED OUT ON THE PLANS.

21. WHEN RECYCLED WATER BECOMES AVAILABLE, AN ON-SITE USER SUPERVISOR SHALL BE DESIGNATED IN WRITING. THIS INDIVIDUAL SHALL BE FAMILIAR WITH PLUMBING SYSTEMS WITHIN THE PROPERTY, WITH THE BASIC CONCEPTS OF BACKFLOW/CROSS-CONNECTION PROTECTION, THE RECYCLED PURVEYOR'S RULES AND REGULATIONS AND THE SPECIFIC REQUIREMENTS OF A RECYCLED WATER SYSTEM, COPIES OF THE DESIGNATION, WITH CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE **OTAY WATER DISTRICT** AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH.

IN CASE OF EMERGENCY CONTACT _____AT_____

NAME PHONE NUMBER

OR AFTER HOURS CONTACT _____AT_____

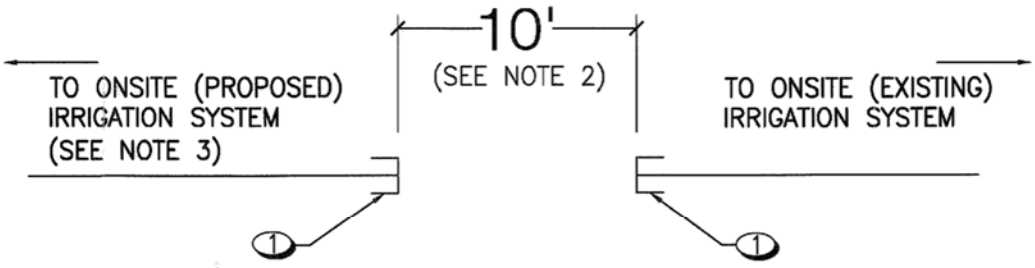
NAME PHONE NUMBER

22. 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.

23. CALL OUT ON THE PLANS IF THERE ARE OR ARE NOT DRINKING FOUNTAINS AND/OR DESIGNATED OUTDOOR EATING AREAS ON THIS SITE.

24. EDUCATE ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS OF THE PRESENCE OF RECYCLED WATER. PERSONNEL MUST BE INFORMED THAT RECYCLED WATER IS MEANT FOR IRRIGATION 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.

25. 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.



NOTES:

1) STUBOUTS SHALL BE VISIBLE AT ALL TIMES (12" MIN. ABOVE EXISTING GRADE)

2) MAINTAIN 10-FOOT MIN. SEPERATION BETWEEN EXISTING AND PROPOSED IRRIGATION SYSTEM AT ALL TIMES DURING CONSTRUCTION.

3) CONTRACTOR SHALL SATISFY ALL THE REQUIREMENTS OF THE SD WAS STANDARD SPECIFICATIONS, AND DRAWINGS PRIOR TO SCHEDULING THE FINAL CONECTION WITH OTAY WATER DISTRICT.

4) CONTRACTOR SHALL PERFORM FINAL CONNECTION WITH DISTRICT REPRESENTATIVE (S) PRESENT AT TIME OF FINAL CONNECTION BETWEEN EXISITING AND PROPOSED IRRIGATION SYSTEMS.