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| APPROVED BY SBWR 8/2/2013 [Signature] | PLAN REVIEWED BY: RANDALL HOUSTON NAME DATE | CROSS-CONNECTION SUPERINTENDENT TITLE 10-05-2012 DATE |
| APPROVED BY CDPH 9/3/13 [Signature] | SAN JOSE WATER COMPANY WATER QUALITY, BACKFLOW CROSS CONNECTION CONTROL | |

GENERAL SITE INFORMATION

1. LANDSCAPE RECYCLED WATER IRRIGATION USE AREA: 111,000 SF
2. PUBLIC ACCESS TO SITE GROUNDS IS: UNRESTRICTED
3. OWNER: SANTA CLARA OFFICE OF EDUCATION
4. PROPERTY MANAGER CONTACT: MICHAEL MCGAUGHEY, 408-453-6500
5. TENANT(S): N/A
6. ON-SITE WELL LOCATIONS: NONE
7. WELLS ON ADJACENT SITES LOCATED WITHIN 50 FT. OF RECYCLED WATER APPROVED USE AREA OR WITHIN 100 FT. OF ANY RECYCLED WATER IMPOUNDMENT: NONE
8. OUTDOOR DRINKING FOUNTAINS IN/NEAR THE RECYCLED WATER APPROVED USE AREA: 1
9. OUTDOOR EATING AREA(S) IN/NEAR THE RECYCLED WATER APPROVED USE AREA: 16
10. WATER FEATURES ON SITE: INDOOR POND AND OUTDOOR POND
11. RW SYSTEM ESTIMATED NUMBER OF:
VALVES: 59
QUICK COUPLERS: 26
CONTROLLERS: 3

RETROFIT OVERVIEW:

THIS PROJECT WILL INCLUDE SUPPLYING RECYCLED WATER TO THE IRRIGATION SYSTEM AND OUTDOOR POND, WHICH ARE CURRENTLY SERVED FROM A SINGLE POTABLE WATER SOURCE. THE PW SOURCE ADDITIONALLY SUPPLIES AN INDOOR POND AND SURROUNDING IRRIGATION DRIP SYSTEM AS SHOWN ON SHEET C48-2. TO AVOID A POTENTIAL CROSS CONNECTION, THE EXISTING CONNECTION FROM THE IRRIGATION SYSTEM TO THE INDOOR POND AND ADJACENT DRIP SYSTEM WILL BE SEVERED AND REPLACED WITH POTABLE WATER.

NOTES:

1. DUE TO THE SCALE OF THE DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS WORK AND PLAN HIS WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC., AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED.
2. THIS DESIGN DRAWING IS DIAGRAMMATIC. SOME PIPING AND VALVES MAY BE SHOWN WITHIN PAVED AREAS. THE IRRIGATION SYSTEM AND APPURTENANCES ARE INSTALLED WITHIN THE PLANTING AREAS UNLESS OTHERWISE NOTED.
3. OPEN TRENCH SHALL BE BACKFILLED AND RESTORED IN KIND.
4. ROUTE PIPING AS NECESSARY TO AVOID TREES, DROP INLETS, ETC.
5. GARDEN DRIP LINES ARE CURRENTLY SUPPLIED WITH PW TAPPED OFF OF THE EXISTING DOMESTIC LINE. CONNECTION TO REMAIN.
6. SCREENED SYMBOLS INDICATE COMPONENTS THAT ARE SHOWN PER THE DESIGN DRAWINGS BUT COULD NOT BE FIELD LOCATED. CONTRACTOR TO LOCATE AND LABEL PER SHEET G7.
7. RW USE AREAS SURROUNDING PICNIC TABLES ARE IRRIGATED WITH LOW ANGLE POP-UP HEADS THAT DO NOT GENERATE DIRECT OVERSPRAY ONTO TABLES.
8. ALL HOSE BIBBS WILL CONTINUE TO BE SUPPLIED WITH POTABLE WATER UNLESS OTHERWISE NOTED.
9. IT HAS BEEN DETERMINED IN A PRELIMINARY COVERAGE TEST THAT THE DRINKING FOUNTAIN WILL NOT BE SUBJECT TO RECYCLED WATER OVERSPRAY.

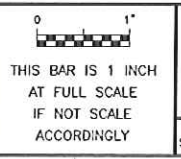
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|-------------|-------------|
| FILE | 255-009-100 |
| CAD | C48 |
| DATE | OCT 2012 |
| DRAWN BY | TJS |
| DESIGNED BY | TJS |
| PROJ. MGR. | CML |

| ZONE | REV | DESCRIPTION | DATE | APVD |
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| REVISIONS | | | | |

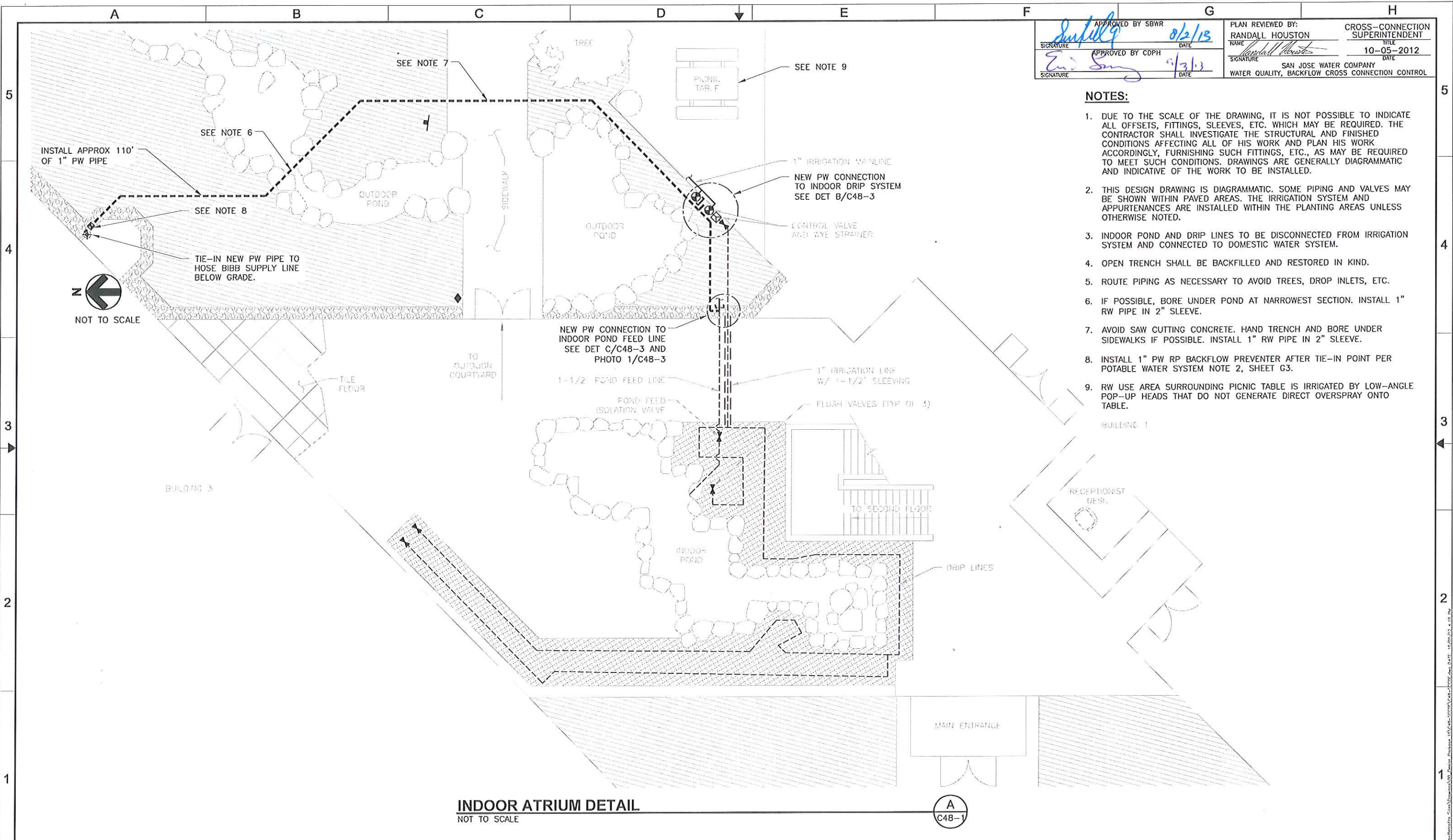
SAN JOSE WATER COMPANY

**SJWC RETROFITS
DESIGN PACKAGE 10**

**SANTA CLARA COUNTY
OFFICE OF EDUCATION
1290 RIDDER PARK DRIVE
SBWR SERVICE NO. SJW-000-5072A**



C48-1
DRAWING NUMBER
SHEET 8 OF 51



| | | |
|---|---|--|
| APPROVED BY SBWR SIGNATURE: <i>[Signature]</i> DATE: 8/2/13 | PLAN REVIEWED BY: RANDALL HOUSTON NAME SIGNATURE: <i>[Signature]</i> DATE: 10-05-2012 | CROSS-CONNECTION SUPERINTENDENT TITLE DATE |
| APPROVED BY CDPH SIGNATURE: <i>[Signature]</i> DATE: 9/3/13 | SAN JOSE WATER COMPANY WATER QUALITY, BACKFLOW CROSS CONNECTION CONTROL | |

- NOTES:**
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 2. THIS DESIGN DRAWING IS DIAGRAMMATIC. SOME PIPING AND VALVES MAY BE SHOWN WITHIN PAVED AREAS. THE IRRIGATION SYSTEM AND APPURTENANCES ARE INSTALLED WITHIN THE PLANTING AREAS UNLESS OTHERWISE NOTED.
 3. INDOOR POND AND DRIP LINES TO BE DISCONNECTED FROM IRRIGATION SYSTEM AND CONNECTED TO DOMESTIC WATER SYSTEM.
 4. OPEN TRENCH SHALL BE BACKFILLED AND RESTORED IN KIND.
 5. ROUTE PIPING AS NECESSARY TO AVOID TREES, DROP INLETS, ETC.
 6. IF POSSIBLE, BORE UNDER POND AT NARROWEST SECTION. INSTALL 1" RW PIPE IN 2" SLEEVE.
 7. AVOID SAW CUTTING CONCRETE. HAND TRENCH AND BORE UNDER SIDEWALKS IF POSSIBLE. INSTALL 1" RW PIPE IN 2" SLEEVE.
 8. INSTALL 1" PW RP BACKFLOW PREVENTER AFTER TIE-IN POINT PER POTABLE WATER SYSTEM NOTE 2, SHEET G3.
 9. RW USE AREA SURROUNDING PICNIC TABLE IS IRRIGATED BY LOW-ANGLE POP-UP HEADS THAT DO NOT GENERATE DIRECT OVERSPRAY ONTO TABLE.

INDOOR ATRIUM DETAIL
NOT TO SCALE

HS
HydroScience Engineers

FILE: 255-009-100
CAD: C48
DATE: OCT 2012
DRAWN BY: TJS
DESIGNED BY: TJS
PROJ. MGR.: CML

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SAN JOSE WATER COMPANY

**SJWC RETROFITS
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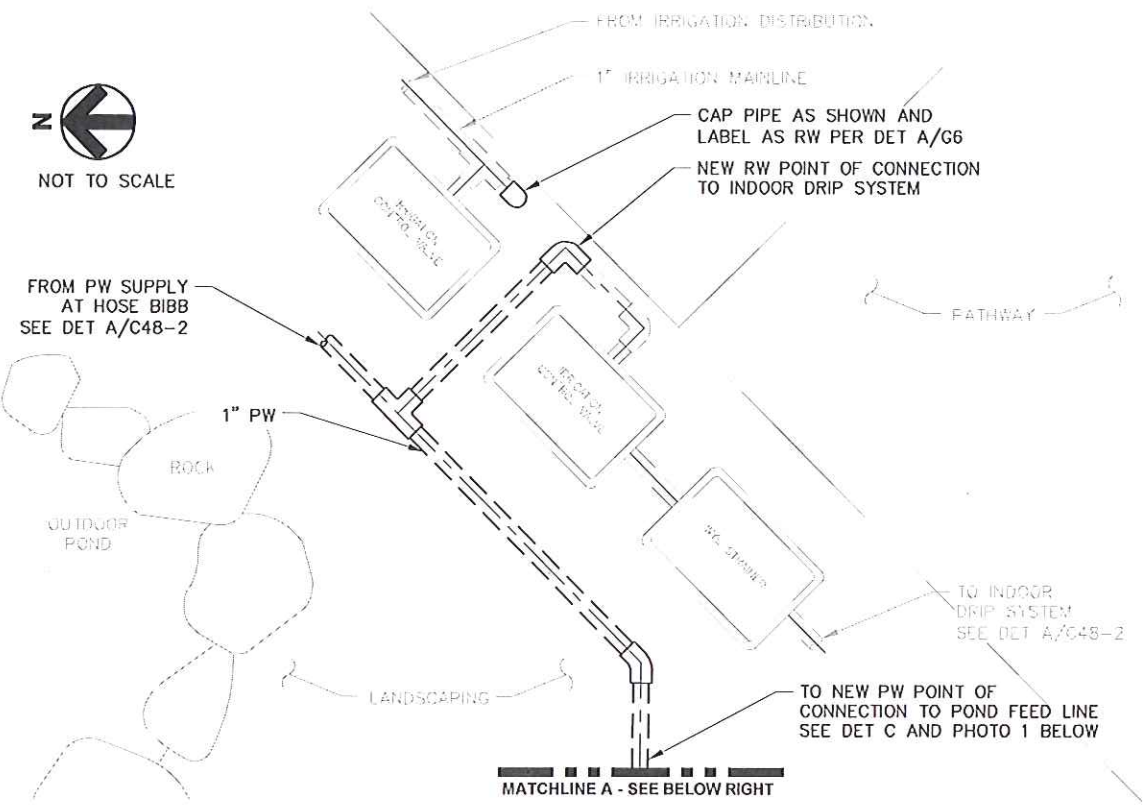
**SANTA CLARA COUNTY
OFFICE OF EDUCATION
1290 RIDDER PARK DRIVE
SBWR SERVICE NO. SJW-000-5072A**

THIS BAR IS 1 INCH AT FULL SCALE IF NOT SCALE ACCORDINGLY

C48-2
DRAWING NUMBER
SHEET 9 OF 51

A B C D E F G H

| | | | |
|------------------------------|------|--|-------|
| APPROVED BY SBWR 8/2/2013 | | PLAN REVIEWED BY: RANDALL HOUSTON CROSS-CONNECTION SUPERINTENDENT | |
| SIGNATURE | DATE | NAME | TITLE |
| APPROVED BY CDPH 9/3/13 | | 10-05-2012 | |
| SIGNATURE | DATE | SIGNATURE | DATE |
| | | SAN JOSE WATER COMPANY WATER QUALITY, BACKFLOW CROSS CONNECTION CONTROL | |

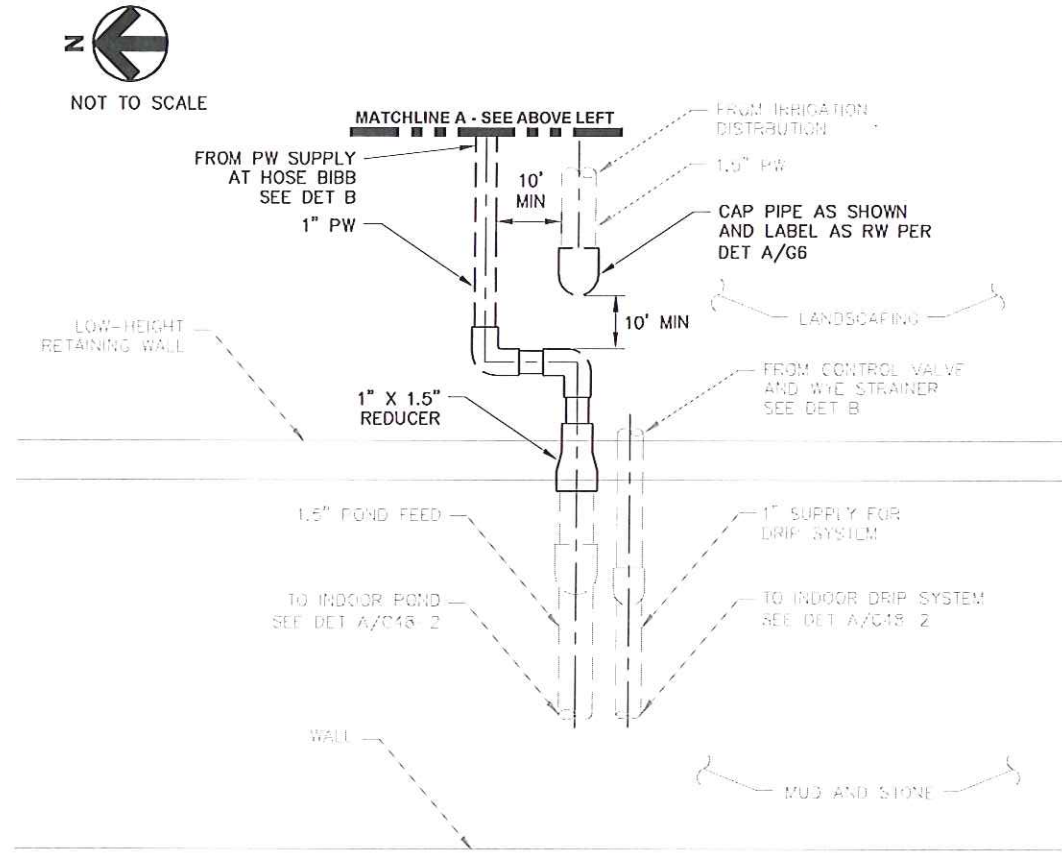


NEW PW CONNECTION TO INDOOR DRIP SYSTEM DETAIL
NOT TO SCALE

(B)
C48-2



PHOTO 1
NEW PW CONNECTION TO POND FEED LINE



NEW PW CONNECTION TO POND FEED LINE DETAIL
NOT TO SCALE

(C)
C48-2



FILE 255-009-100
CAD C48
DATE OCT 2012
DRAWN BY TJS
DESIGNED BY TJS
PROJ. MGR. CML

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SAN JOSE WATER COMPANY

SJWC RETROFITS
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1290 RIDDER PARK DRIVE
SBWR SERVICE NO. SJW-000-5072A

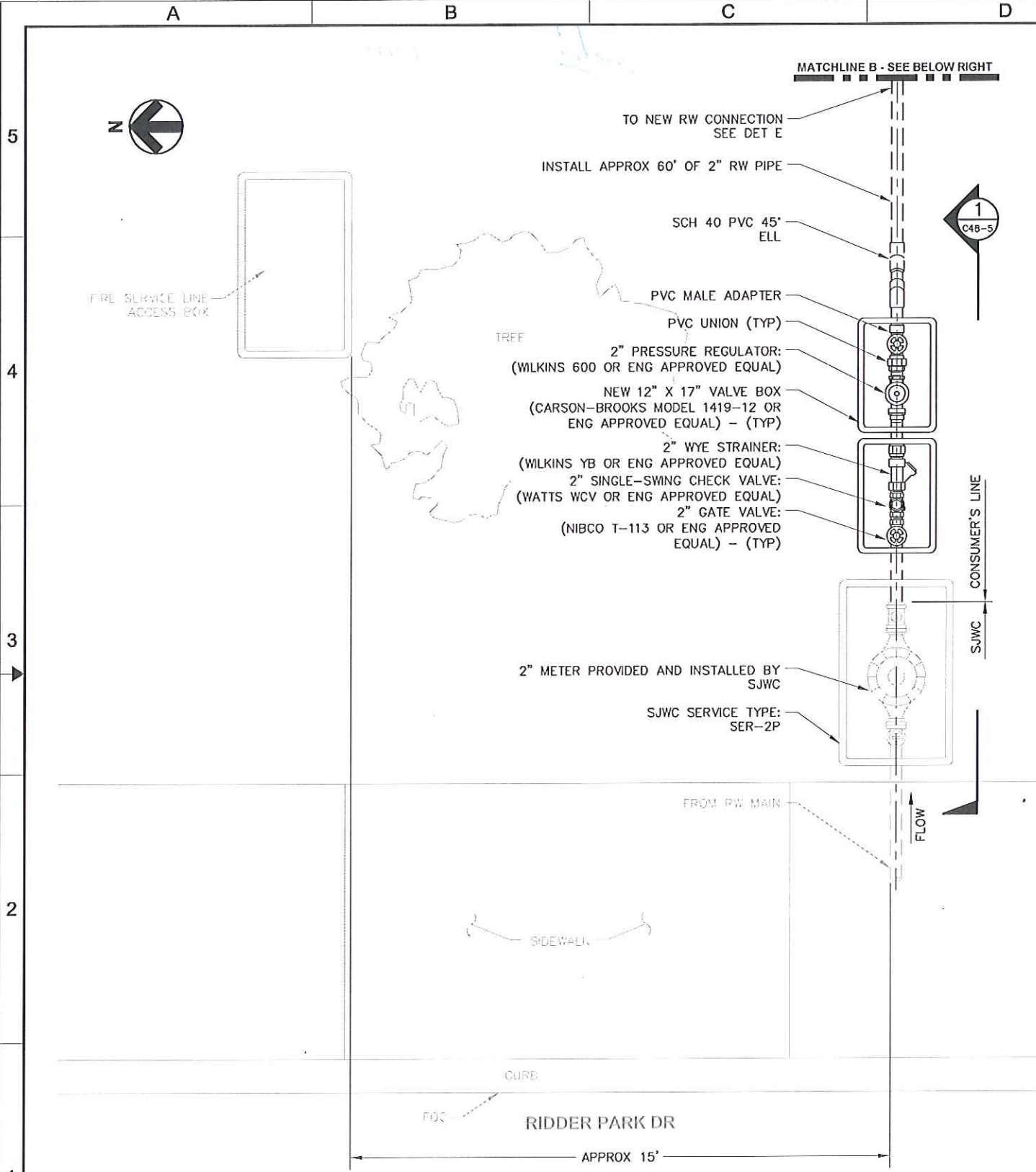
0 1"
THIS BAR IS 1 INCH
AT FULL SCALE
IF NOT SCALE
ACCORDINGLY

C48-3

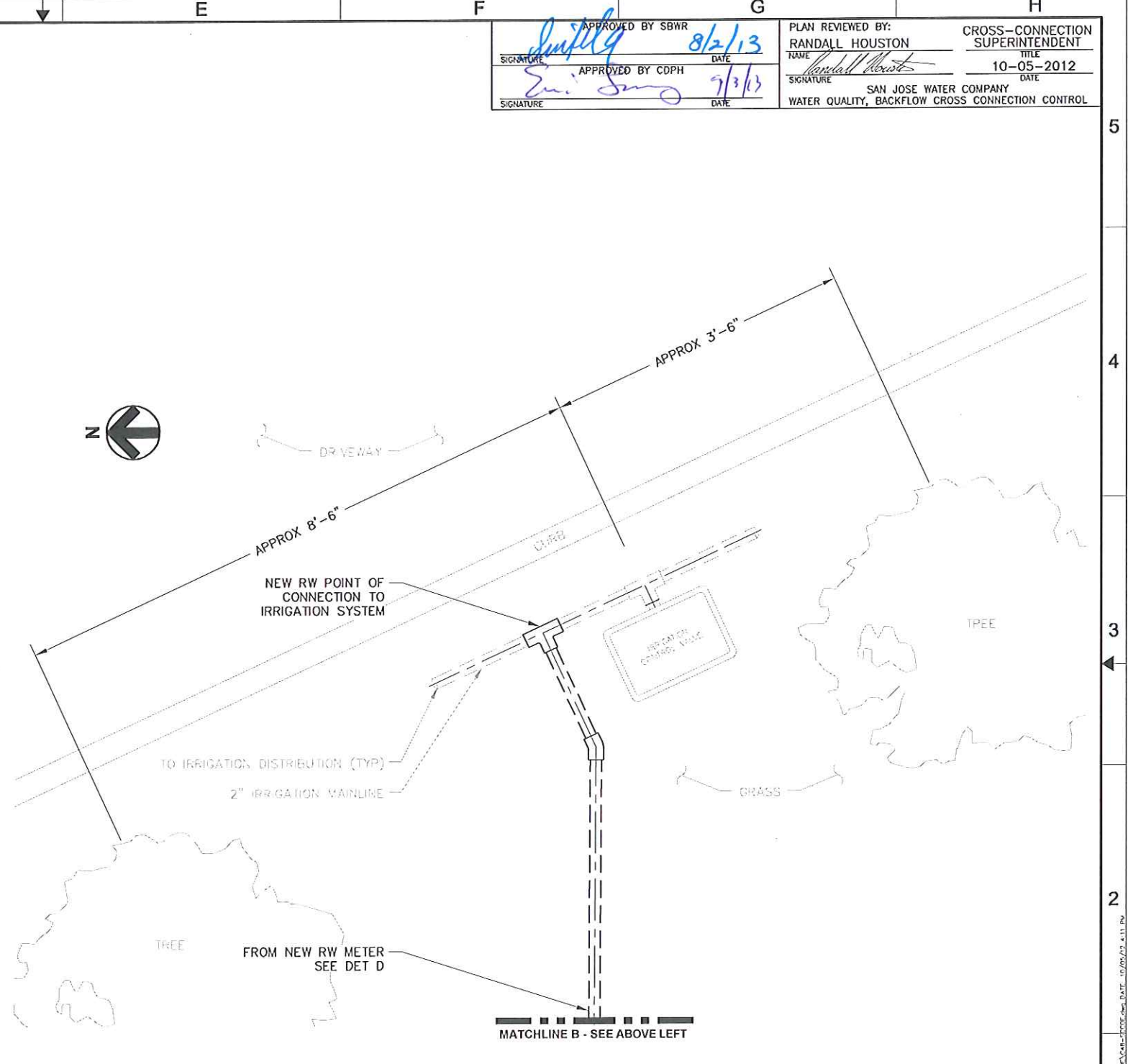
DRAWING NUMBER
SHEET 10 OF 51

A B C D E F G H

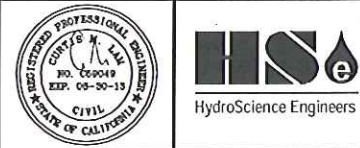
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| SIGNATURE <i>[Signature]</i> | | | | RANDALL HOUSTON | | TITLE | |
| APPROVED BY CDPH | | DATE 9/3/13 | | SIGNATURE <i>[Signature]</i> | | DATE 10-05-2012 | |
| SIGNATURE <i>[Signature]</i> | | | | SAN JOSE WATER COMPANY | | WATER QUALITY, BACKFLOW CROSS CONNECTION CONTROL | |



NEW RW METER DETAIL
NOT TO SCALE



NEW RW CONNECTION DETAIL
NOT TO SCALE



| | |
|-------------|-------------|
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SAN JOSE WATER COMPANY

SJWC RETROFITS
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1290 RIDDER PARK DRIVE
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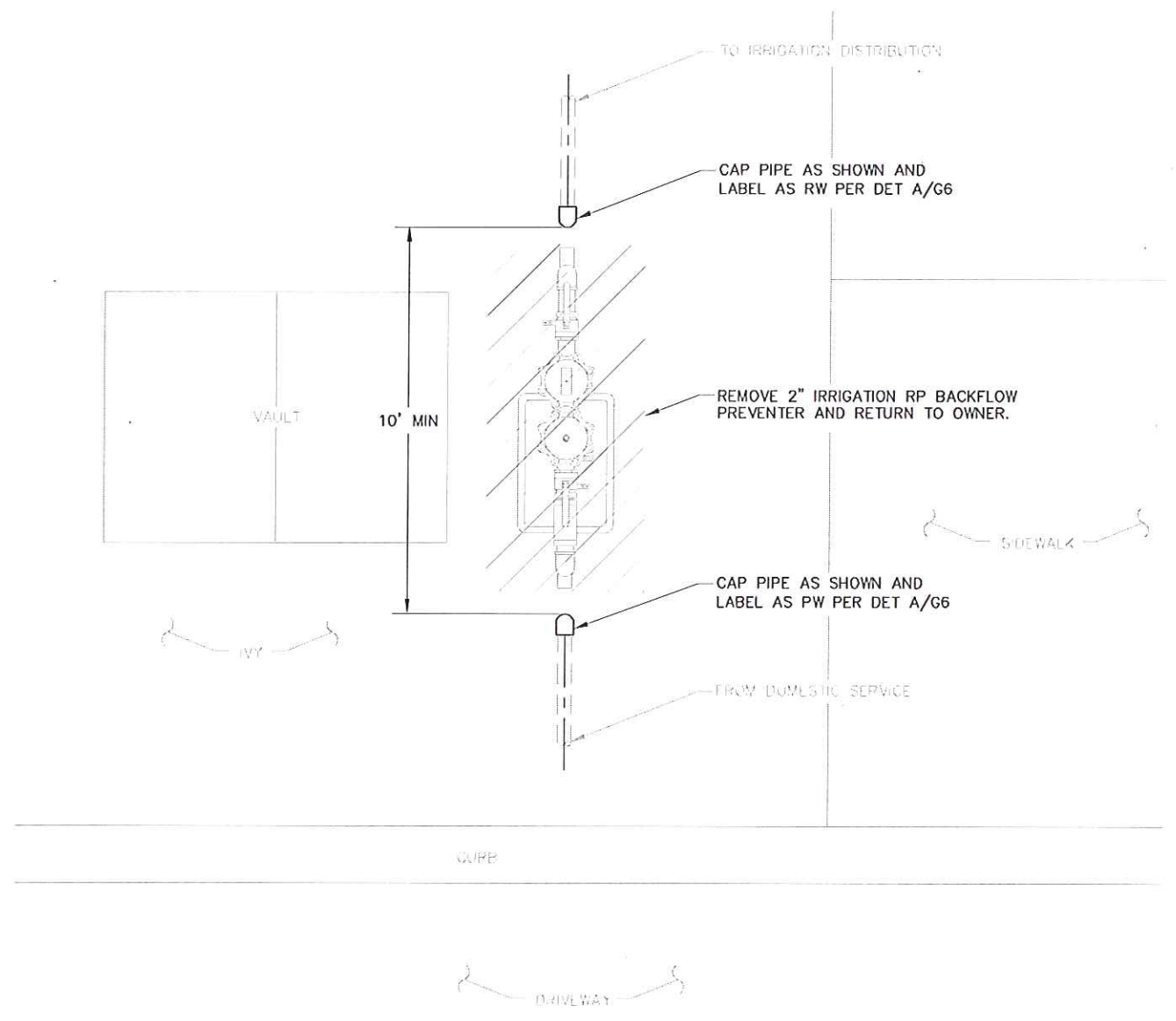
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AT FULL SCALE
IF NOT SCALE
ACCORDINGLY

C48-4
DRAWING NUMBER
SHEET 11 OF 51

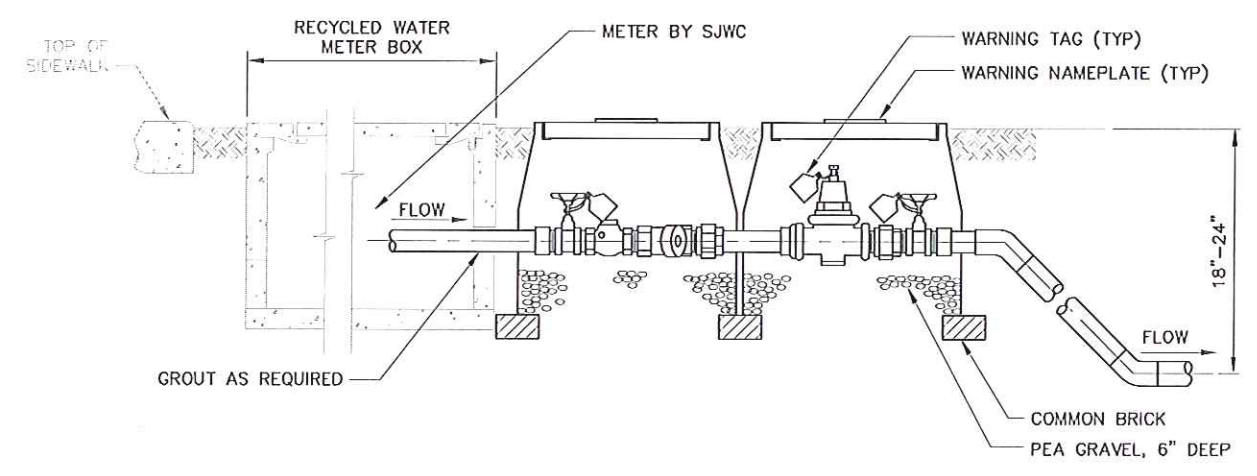
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| APPROVED BY SBWR <i>[Signature]</i> DATE 8/2/08 | PLAN REVIEWED BY: RANDALL HOUSTON NAME <i>[Signature]</i> DATE 10-05-2012 | CROSS-CONNECTION SUPERINTENDENT TITLE DATE |
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NOTES:

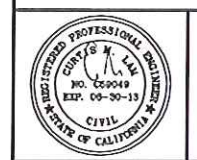
1. REQUIRED RECYCLED WATER IRRIGATION SYSTEM COMPONENTS, FOR RETROFIT WORK, TO BE INSTALLED BY CONTRACTOR AS CLOSE AS PRACTICAL TO EACH OTHER AND DOWNSTREAM SIDE OF RECYCLED WATER SERVICE CONNECTION.
2. ATTACH RECYCLED WATER WARNING TAGS AND/OR LABELS ON ALL DEVICES PER DETAIL SHEETS.
3. THE NUMBER OF BOXES SHOWN ARE SUGGESTIONS. SPECIFY THE APPROPRIATE NUMBER OF BOXES NECESSARY TO HOUSE THESE COMPONENTS PER SITE CONDITIONS.
4. CONTRACTOR TO LOCATE EXISTING UTILITIES BEFORE EXCAVATION.
5. COLOR CODE ALL ABOVE-GROUND PIPING DELIVERING RECYCLED WATER WITH EITHER PIPE PAINTED PURPLE OR WARNING TAPE THAT IS ADHESIVE, PERMANENT, AND RESISTANT TO ENVIRONMENTAL CONDITIONS. THE PIPE OR TAPE MUST HAVE THE CONTINUOUS WORDING "RECYCLED WATER - DO NOT DRINK". PURPLE BANDS MAY ALSO BE PAINTED AROUND THE CIRCUMFERENCE OF THE PIPE AT TEN-FOOT INTERVALS FOR COLOR CODING. PURPLE PVC PIPE IS NOT AN ACCEPTABLE ALTERNATIVE FOR COLOR-CODING BECAUSE THE PURPLE COLOR WILL FADE WHEN EXPOSED TO SUNLIGHT.



IRRIGATION BACKFLOW REMOVAL DETAIL
NOT TO SCALE: F
C48-1



SECTION 1
NOT TO SCALE: 1
C48-4



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0 1"
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C48-5
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SHEET 12 OF 51