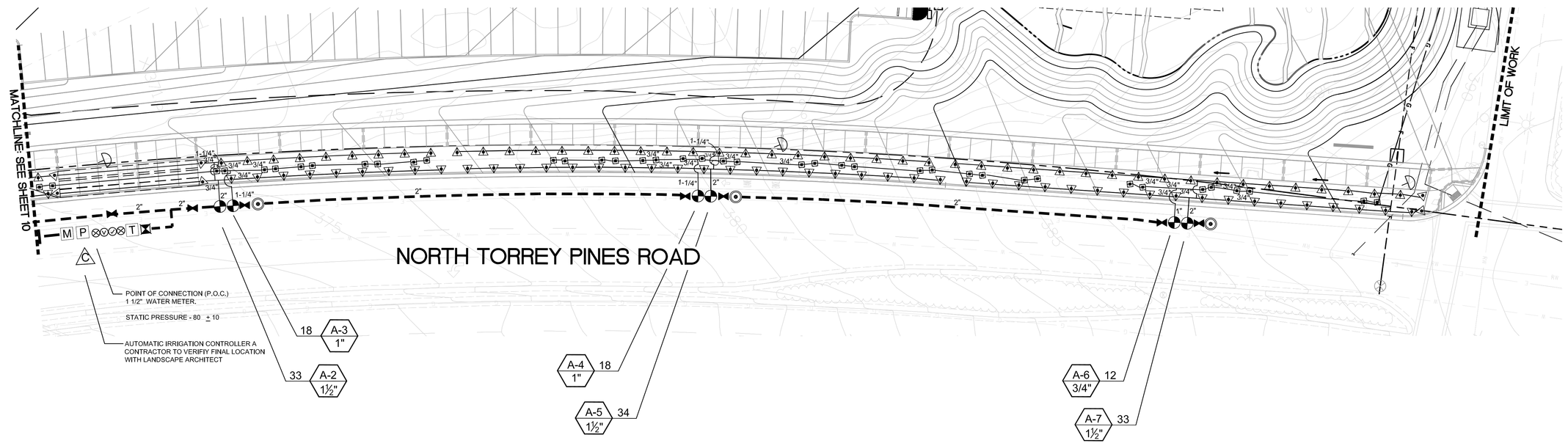


## IRRIGATION LEGEND

| SYMBOL | MANUFACT. | NOZZLE | GPM | PATTERN | RADIUS | PSI | DETAIL |
|---|---|---|---|---|---|---|---|
| SIDE STRIP SPRAYS | | | | | | | |
| G | HUNTER | ES-515-R | .65 GPM | STRIP | 5' X 15' | 30 PSI | SHEET 13/ DETAIL G |
| G | HUNTER | CS-530-R | 1.3 GPM | STRIP | 5' X 30' | 30 PSI | SHEET 13/ DETAIL G |
| SHRUB SPRAYHEADS | | | | | | | |
| A | HUNTER | PROS-12-CV-R-10Q | 0.42 GPM | 90 DEGREES | 10 FEET | 30 PSI | SHEET 13/ DETAIL G |
| A | HUNTER | PROS-12-CV-R-10H | 0.88 GPM | 180 DEGREES | 10 FEET | 30 PSI | SHEET 13/ DETAIL G |
| POP-UP MULTI-STREAM BUBBLER | | | | | | | |
| B | HUNTER | INST-4-PCN-10 | 1.0 GPM | BUBBLER | BUBBLER | 25 PSI | SHEET 13/ DETAIL H |

## IRRIGATION EQUIPMENT

| SYMBOL | MANUFACTURER | MODEL | SIZE | DESCRIPTION | DETAIL |
|---|---|---|---|---|---|
| | P.O.C. | N/A | N/A | POINT OF CONNECTION (P.O.C.) ASSEMBLY. CONTRACTOR TO VERIFY SIZE AND LOCATION OF METER. VERIFY STATIC PRESSSURE BEFORE STARTING WORK. | |
| M | WATER METER | N/A | N/A | REFER TO CIVIL ENGINEER'S PLANS. | |
| P | WILKINS | 600 SERIES | /PIPE | PRESSURE REGULATOR | SHEET 13/ DETAIL A |
| | WILKINS | NO. 975XLU | 1 1/2" , 500 YSBR | REDUCED PRESSURE BACKFLOW PREVENTER | SHEET 13/ DETAIL A |
| | SMITH + COOPER | GV-1 1/2 AND GV-2 | PER LINE SIZE | BRASS GATE VALVE | SHEET 13/ DETAIL C |
| T | | | | CROSS CONNECTION TEST STATION | SHEET 14/ DETAIL H |
| | HUNTER | HBV-201E | 2" | BRASS GLOBE VALVE (NORMALLY CLOSED) USED AS MASTER VALVE | SHEET 13/ DETAIL B |
| | HUNTER | PGV-100G | PER PLAN | ELECTRIC REMOTE CONTROL VALVE | SHEET 13/ DETAIL F |
| | HUNTER | QVC-100 | 1" | QUICK COUPLER VALVE | SHEET 14/ DETAIL B |
| C | LEIT | 4008 | | 8 STATION SOLAR POWERED CONTROLLER WITH STAINLESS STEEL ENCLOSURE | SHEET 13/ DETAIL E |
| | MAINLINE -PURPLE FOR RECYCLED WATER USE | CL 315 | 2" | 24" UNDER WALKS 30" UNDER DRIVEWAYS 36" UNDER STREETS | |
| | LATERAL -PURPLE FOR RECYCLED WATER USE | SCH. 40 | SIZE PER PLAN | PVC LATERAL 12" DEPTH | |
| | SLEEVE | CL 200 | 2X PIPE SIZE | | |
| E | | CL 200 | WIRE SLEEVE | | |
| | | | | "DO NOT DRINK" RECYCLED WATER SIGN | |

**VALVE KEY**

STATION / VALVE SIZE — GPM

**IMPORTANT NOTE:**

MAINLINE IS DIAGRAMMATIC AND SHOULD BE INSTALLED IN PLANTER AREAS WHERE FEASIBLE. IN AREAS WHERE THE MAINLINE IS INSTALLED BELOW PAVING, SLEEVING IS REQUIRED.

REGISTERED LANDSCAPE ARCHITECT — JON JAY BECKER # 2354 — Signature — Date — STATE OF CALIFORNIA

EXPIRES 7/31/09

0 10 20 40 60

GRAPHICAL SCALE
SCALE: 1" = 20'

**PROJECT DESIGN CONSULTANTS**
Planning | Landscape Architecture | Engineering | Survey

701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

**IRRIGATION NOTES**

1. CONTRACTOR SHALL REVIEW AND COMPLY WITH IRRIGATION SPECIFICATIONS AND IRRIGATION DETAILS INCLUDED IN THESE DRAWINGS.

2. CONTRACTOR SHALL VERIFY A MINIMUM STATIC WATER PRESSURE OF 80 PSI PRIOR TO BEGINNING WORK. NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCIES.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHER TRADES.

4. ALL VALVES, PIPES AND OTHER IRRIGATION EQUIPMENT SHALL BE LOCATED IN PLANTED AREAS AND WITHIN THE RESPECTIVE PROPERTIES.

5. GROUP REMOTE CONTROL VALVES TOGETHER PARALLEL TO EACH OTHER WHEREVER POSSIBLE.

6. NO CLOSE NIPPLES OR CROSSES WILL BE USED.

7. ALL ENDS OF RUNS OF PVC PIPING ARE TO 3/4" UNLESS NOTED OTHERWISE.

8. TREE LOCATIONS TAKE PRECEDENCE OVER IRRIGATION LINES. STAKE ALL TREE LOCATIONS PRIOR TO TRENCHING.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR SLEEVES AND CHASES UNDER PAVING THROUGH WALLS ETC., UNLESS OTHERWISE NOTED.

10. ALL PIPING AND WIRE UNDER EXISTING OR FUTURE PAVING SHALL BE INSTALLED PRIOR TO PAVING OR REPAVING AND EXTEND 2' OUTSIDE EDGE OF PAVING. NO TEES, ELLS, OR OTHER TURNS IN PIPING SHALL BE LOCATED UNDER PAVING.

11. ALL SPRAY IRRIGATION MUST BE FULLY INSTALLED AND OPERATIONAL PRIOR TO INSTALLATION OF SHRUBS AND GROUNDCOVERS.

12. CONTRACTOR SHALL BID (10) ADDITIONAL PRO SERIES POP-UP HEADS TO ACCOMMODATE FIELD CONDITIONS.

13. FIELD ADJUST ALL SPRINKLERS TO ELIMINATE OVER SPRAY ONTO SIDEWALKS OR DRIVES.

14. ALL IRRIGATION SHALL CONFORM TO THE CITY OF SAN DIEGO'S RECYCLED WATER USE AND DISTRIBUTION.

PRIVATE CONTRACT

IRRIGATION PLANS FOR:

# SCRM

APN 342-010-18

CITY OF SAN DIEGO, CALIFORNIA
DEVELOPMENT SERVICES DEPARTMENT
SHEET 11 OF 17 SHEETS

W.O. NO. 431587
P.T.S NO. 164918

FOR CITY ENGINEER — DATE

T.M.W.

| DESCRIPTION | BY | APPROVED | DATE | FILMED |
|---|---|---|---|---|
| ORIGINAL | PDC | | | |
| | | | | |
| | | | | |
| | | | | |
| AS-BUILTS | PDC | | | |

1904 - 6255
NAD 83
264 - 1695
LAMBERT COORDINATES

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

35016- 11-D

P:\3658\LANDARCH\CD\Street Improvement\Irrigation\3658 Irrigation.dwg5/6/2009

RW

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FENTRESS ARCHITECTS

| ISSUED FOR | DATE |
|---|---|
| BID PK #1 | 10.06.08 |
| 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

CONSULTANT

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 "B" Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

Lankford/Phelps Consortium LLC
Attn: Kevin Lankford
9255 Towne Centre Drive, Suite 1400 San Diego, CA 92121
619.558.8000

FENTRESS | ARCHITECTS
431 Broadway Denver, CO 80203
303[722]5000

DAVIS | DAVIS ARCHITECTS
3403 Fifth Avenue San Diego, CA 92103

STAMP

REGISTERED LANDSCAPE ARCHITECT — JON JAY BECKER # 2354 — Signature — Date — STATE OF CALIFORNIA

EXPIRES 7/31/09

SHEET NAME
IRRIGATION PLANS

DRAWN BY:

PROJECT #:

SHEET NUMBER
C3011

9/25/2008 2:55:42 PM
File location: 8x60

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