CITY OF Goodyear Approved 06/10/21 21-2095 - VIP PRODUCTS

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2425 E. CAMELBACK RD., SUITE 775
PHOENIX, ARIZONA 85016
PH: 602-954-6718 FAX: 602-468-9680
E-MAIL: ADMIN@BAG-INC.COM

1. NOTCH TUBING LOOP WIRE THROUGH EXPOSED WIRE
2. #10 WIRE RUBBER COATED
3. 1/2" RUBBER HOSE

TREE GUYING DETAIL

NOT TO SCALE

1. SCH. 80 PVC NIPPLE 6" LONG
2. #14 CONTROL WIRE
3. RECTANGULAR PLASTIC VALVE BOX WITH LOCKING LID
4. EPOXY WIRE CONNECTORS
5. 1" IN TURF AREAS. 2" IN D.G AREAS
6. FINISH GRADE
7. PVC MALE ADAPTER
8. PVC LATERAL LINE (SIZE PER PIPE SCHEDULE)
9. 6" DEPTH 3.8" PEA-GRAVEL WITH 1" CLEARANCE BETWEEN BOTTOM OF VALVE AND TOP OF PEA-GRAVEL
10. PVC MAINLINE PER MAINLINE
11. ELECTRIC CONTROL VALVE
12. PVC ELBOW
13. SCH 80 PVC
14. TAPE WIRES 8" O.C TO MAINLINE
15. PVC MAINLINE TEE OR ELBOW

CONTROL VALVE DETAIL

NOT TO SCALE

NOTES:
WATER SETTLE AND COMPACT ALL TRENCHES
ALL SLEEVES TO BE A MIN. OF 24" DEEP
USE COMMON TRENCHES WHEN POSSIBLE
RUN TRENCHES PARALLEL TO BUILDING'S AND WALKWAY'S
(THE PLAN MY BE DIAGRAMMATIC)
SHADE ALL PIPE AND WIRES WITH SAND IN
ROCKY CONDITIONS, MIN 2" CLEAR ALL SIDES

1. CLEAN BACK FILL NO ROCKS OVER 1/2" DIA.
2. LATERAL LINE SIZE PER PIPE SCHEDULE
3. CONTROLLER WIRES TAPE TO MAINLINE 8" O.C
4. MAINLINE SIZE PER PLAN
5. SLEEVE PER PLAN AND SCHEDULE

TRENCHING / SLEEVING DETAIL

NOT TO SCALE

NOTE: REGULATOR AND STRAINER TO BE IN A SEPARATE VALVE BOX FROM THE CONTROL VALVE. (AS SHOWN)

1. PRESSURE REGULATOR SENNINGER PMR-MF (UNLESS OTHERWISE NOTED)
2. RECTANGULAR VALVE BOX WITH LOCKING LID
3. "Y" STRAINER AG. PRODUCTS (UNLESS OTHERWISE NOTED)
4. 2" IN GRANITE AREAS
5. PVC MALE ADATPER
6. 1" PVC CLASS 200 SUB MAINLINE FROM VALVE
7. 6" DEPTH OF 3.8" PEA GRAVEL
8. SCH 80 PVC NIPPLE 4" LONG
9. LATERAL LINE SIZE PER PIPE SCHEDULE

DRIP ASSEMBLY DETAIL

THIS DETAIL TO BE USED WITH CONTROL VALVE DETAIL
NOT TO SCALE

1. 1/2" RUBBER HOSE WITH #10 WIRE
2. TWO 2" ROUND BY 10' LONG GREEN TREE STAKES BURY 3' BELOW GRADE
3. 4" BASIN
4. GRADE (PRIOR TO GRANITE)
5. ROUGHEN SIDES OF PLANT PIT TO PREVENT GLAZING
6. AGRIFORM TABLETS
7. 2" DEPTH OF DECOMPOSED GRANITE. (SEE LEGEND FOR TYPE)

BACKFILL PLANT PIT WITH SOIL MIX PER PHX MAG SUPLEMENT.

DOUBLE STAKING DETAIL

NOT TO SCALE

1. MINIMUM DIMENSION FOR 5 GAL. PLANTS
2. 1" BASIN
3. ROUGHEN SIDES OF PLANT PIT TO PREVENT GLAZING
4. AGRIFORM TABLETS SEE SPECS. FOR RATIO
5. 2" DEPTH OF DECOMPOSED GRANITE. (SEE LEGEND FOR TYPE)

BACKFILL PLANT PIT WITH SOIL MIX PER PHX MAG SUPLEMENT.

SHRUB PLANTING DETAIL

NOT TO SCALE

NOTES:
ALL WIRING INSTALLED PER LOCAL CODES
SEE CONTROLLER MANUAL FOR MOUNTING INSTRUCTIONS
THE IRRIGATION CONTRACTOR IS TO SUPPLY 2 KEYS, AND INSTRUCTION MANUAL TO OWNER

1. WALL OR BUILDING
2. WALL MOUNTED CONTROLLER
3. 1" JUNCTION BOX
4. 120v POWER AND GROUND SOURCE BY GENERAL CON. UNLESS OTHERWISE NOTED
5. FINISH GRADE
6. STEEL CONDUIT TO 18" POST SWEEP DIRECT BURIAL WIRES TO CONTROL VALVE
7. CONTROL WIRE CONNECTIONS
8. COMMON WIRE CONNECTIONS

CONTROLLER DETAIL

WALL MOUNTED
NOT TO SCALE

NOTES:
THE IRRIGATION CON. IS TO SUPPLY AND INSTALL (2)-4" DIA. CONCRETE FILLED GALV. PIPE AS BOLLARDS TO PROTECT THE DEVICE IF THE ASSEMBLY IS INSTALLED WITHIN 3' OF ANY AUTO TRAFFIC AREA

THE IRRIGATION CON. IS RESPONSIBLE FOR ANY AND ALL REQUIRED FEES AND PERMITS

INSTALL R.P. ASSEMBLY PER ALL LOCAL CODES

SUPPLY AND INSTALL BPDI METAL CAGE AROUND THE R.P DEVICE

PAINT THE R.P ASSEMBLY AND CAGE TO MATCH THE WALL OR BLDG

1. FEBCO 825-YA (SIZE PER LEGEND)
2. (2) NIBCO BRASS GATE VALVES SAME AS R.P ASSEMBLY
3. TYPE 'K' COPPER
4. FINISH GRADE PROVIDE TRUST BLOCKS ON ALL ASSY. 2-1/2" AND LARGER
5. 2-CU.FT. CONCRETE TRUST BLOCK
6. ADAPT TO PVC MAINLINE
7. 4" CONCRETE FOOTING
8. TYPE 'K' COPPER
9. ADAPT TO WATER SOURCE
10. CAGE BY 'BPDI'
11. 2" SCH. 40 PVC SLEEVE

REDUCED PRESSURE

PRINCIPLE ASSEMBLY
NOT TO SCALE

NOTES:
IN SLOPE CONDITIONS ALWAYS PLACE EMITTER ON HIGH SIDE OF SLOPE
1/4" DIST. TUBING IS NOT TO EXCEED 2" ABOVE GRADE

1. 1/4" DIST. TUBING MAX LENGTH 5'
2. LATERAL LINE FITTING W/ NIPPLE
3. EMITTER SEE LEGEND
4. PVC LATERAL LINE PIPE SIZE PER PIPE SCHEDULE
5. SALCO BUG CAP
6. FINISH GRADE
7. PVC TP PLOT FITTING
8. POLY TUBING 3' MAX LENGTH
9. 6" ROUND VALVE BOX
10. SELF FLUSHING CAP
11. 6" DEPTH OF 3.8" PEA-GRAVEL

EMITTER DETAIL

NOT TO SCALE

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SHALL ONLY USE MATERIALS FROM THE LATEST EDITION OF THE CITY OF GOODYEAR APPROVED MATERIALS LIST FOR PARKS AND RIGHT OF WAYS.
2. A ROOT BARRIER IS REQUIRED FOR TREES PLANTED LESS THAT 5'-0" FROM ANY PAVED OR CONSTRUCTED SURFACES, INCLUDING WALLS/FOOTINGS.

DETAIL NO.				DETAIL NO.
G-3610-6	CITY OF GOODYEAR STANDARD DETAIL	APPROVED:08/17	ROOT BARRIER	G-3610-6

SUN STATE BUILDERS

VIP PRODUCTS
GOODYEAR, ARIZONA

REGISTERED LANDSCAPE ARCHITECT
27166
TIMOTHY J. McQUEEN
Date Signed 05.12.21
ARIZONA, U.S.A.
EXPIRES 06/30/2023

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T.J. McQUEEN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
URBAN DESIGN
SITE PLANNING
10450 N. 74th Street , Suite 120
Scottsdale, Arizona 85258
P.(602)265-0320
EMAIL: timmcqueen@tjmla.net

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