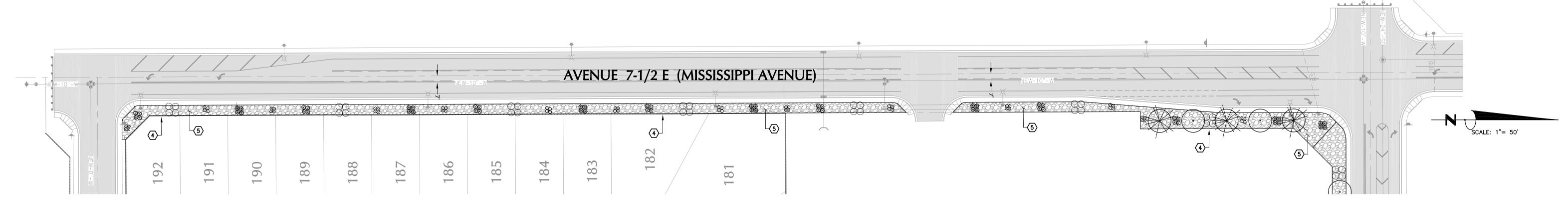
Exhibit A 44TH STREET 159 153 158 157 156 155

44TH STREET LANDSCAPING



AVENUE 7-1/2 E / MISSISSIPPI AVENUE LANDSCAPING

LEGEND

PROSOPIS SSP.



Hybrid Mesquite OLNEYA TESOTA



EBENOPSIS EBANO Te x as Ebony

Ironwood



Bottle Tree FRAXINUS VELUTINA Arizona Ash, "Fan -Tex"

BRACHYCHITON POPULNEUS



LEUCOPHYLLUM SSP. (Te x as Sage/Te x as Ranger) POLIOMINTHA MADERENSIS (Lavender Spice)

ENCELIA FARINOSA (Brittlebush)

DASYLIRION SSP. (Desert Spoon)

SUCULLENTS

3/4" SCREENED COLORED GRAVEL SOUTH MESA - 2" MIN. THICKNESS

NOLINA SSP. (Beargrass)

SCHEDULE OF WORK

NEW SOLAR POWERED ELECTRIC SERVICE & PEDESTAL W/ 6 STATION HARDIE CONTROLLER & 2 - 1" WATER SERVICES & 1" METERS

(2) NEW PRESSURE VACUUM BREAKER ASSEMBLY (ALL SIZES) W/METAL CAGE $\langle 3 \rangle$ 1" HARDIE 700 SERIES VALVE (AS NEEDED)

4 1" PVC DRIP LINE

5 3/4" SCREENED COLORED GRAVEL SOUTH MESA - 2" MIN. THICKNESS

CONTRACTOR TO VERIFY ALL SITE CONDITIONS PRIOR TO STARTING

2. CONTRACTOR SHALL CONFIRM LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.

3. GROUND COVER SHALL EXTEND UNDER SHRUBS UNLESS OTHERWISE

PLANTING PIT BACKFILL FOR ALL TREES AND SHRUBS SHALL BE AS FOLLOWS: TWO PARTS EXCAVATED SOIL THOROUGHLY MIXED WITH ONE PART NITROLIZED WOOD MULCH; EACH TREE SHALL RECEIVE ONE POUND OF GYPSUM AND FOUR OUNCES OF SOIL SULFUR. EACH SHRUB SHALL RECEIVE ONE-HALF POUND OF GYPSUM AND TWO OUNCES OF

5. ALL GRADING TO PLUS OR MINUS 1/10 OF ONE FOOT BY GENERAL CONTRACTOR. FINISH GRADE AND FINE RAKING BY LANDSCAPE CONTRACTOR.

6. ALL TREES TO BE THORNLESS VARIETIES.

SHRUBS AND SUCCULENTS SHALL BE PLANTED AT RANDOM TO PREVENT PLANTS OF THE SAME TYPE APPEARING ADJACENT TO EACH

44TH STREET PARKWAY LANDSCAPING

COLORED GRAVEL - 2" THICKNESS MIN.

33 TOTAL TREES (SPACED 35' O.C.) - 1,155' WALL / 35 = 33 TREES

TREE QUANTITY AND LIST - 50% 24" BOX MIN, & 50% 15 GAL.

PROSOPIS SSP. (Hybrid Mesquite) FRAXINUS VELUTINA (Arizona Ash, "Fan-Te x ") EBENOPSIS EBANO (Te x as Ebony)

BRACHYCHITON POPULNEUS (Bottle Tree)

SHRUBS / SUCCULENTS QUANTITY AND LIST - 100% 5 GAL SHRUBS LEUCOPHYLLUM SSP. (Te x as Sage / Te x as Ranger) POLIOMINTHA MADERENSIS (Lavender Spice)

ENCELIA FARINOSA (Brittlebush) SUCCULENTS DASYLIRION SSP. (Desert Spoon)

NOLINA SSP. (Beargrass)

AVENUE 7-1/2 E / MISSISSIPPI AVENUE

PARKWAY LANDSCAPING COLORED GRAVEL - 2" THICKNESS MIN.

TREES (SPACED 35' O.C.) - 160' WALL / 35' = 5 TREES

TREE QUANTITY AND LIST - 50% 24" BOX MIN, & 50% 15 GAL. PROSOPIS SSP. (Hybrid Mesquite)

OLNEYA TESOTA (Ironwood) SHRUBS / SUCCULENTS QUANTITY AND LIST - 100% 5 GAL

SHRUBS LEUCOPHYLLUM SSP. (Te x as Sage / Te x as Ranger) POLIOMINTHA MADERENSIS (Lavender Spice)

ENCELIA FARINOSA (Brittlebush) SUCCULENTS

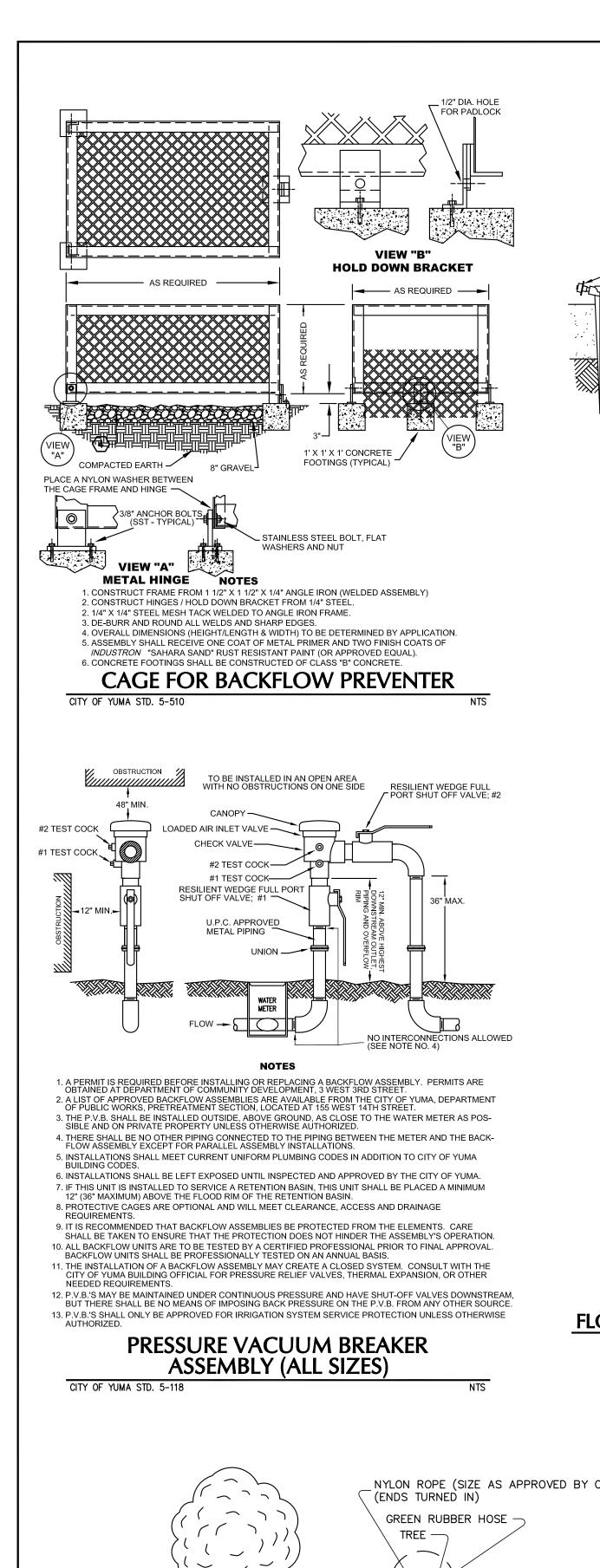
DASYLIRION SSP. (Desert Spoon) NOLINA SSP. (Beargrass)

UTILITY WARNING

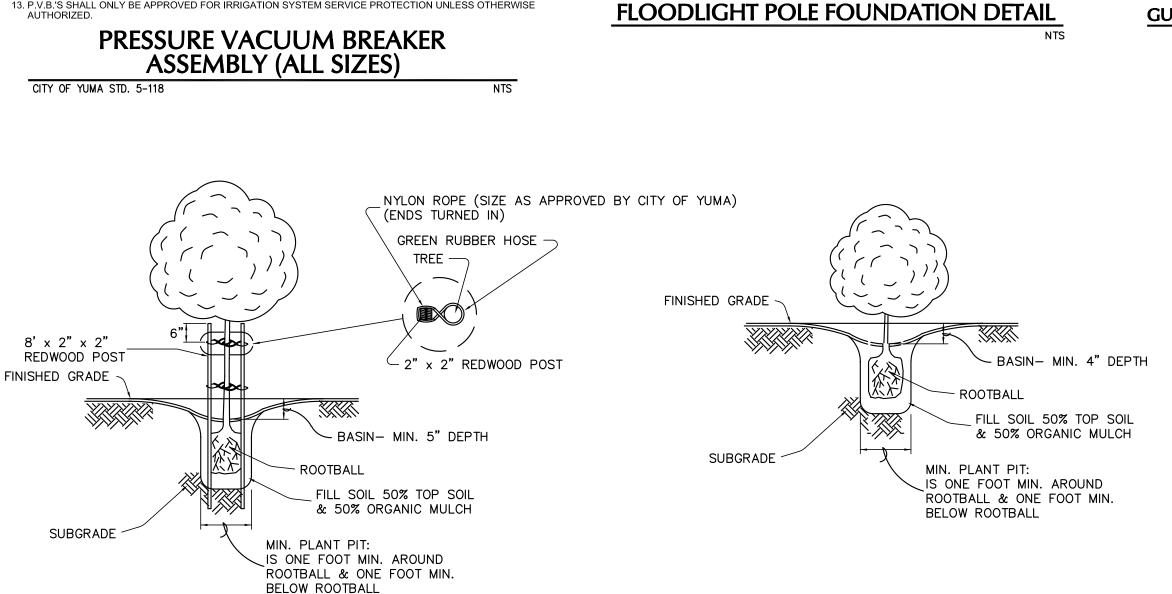
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM THE FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

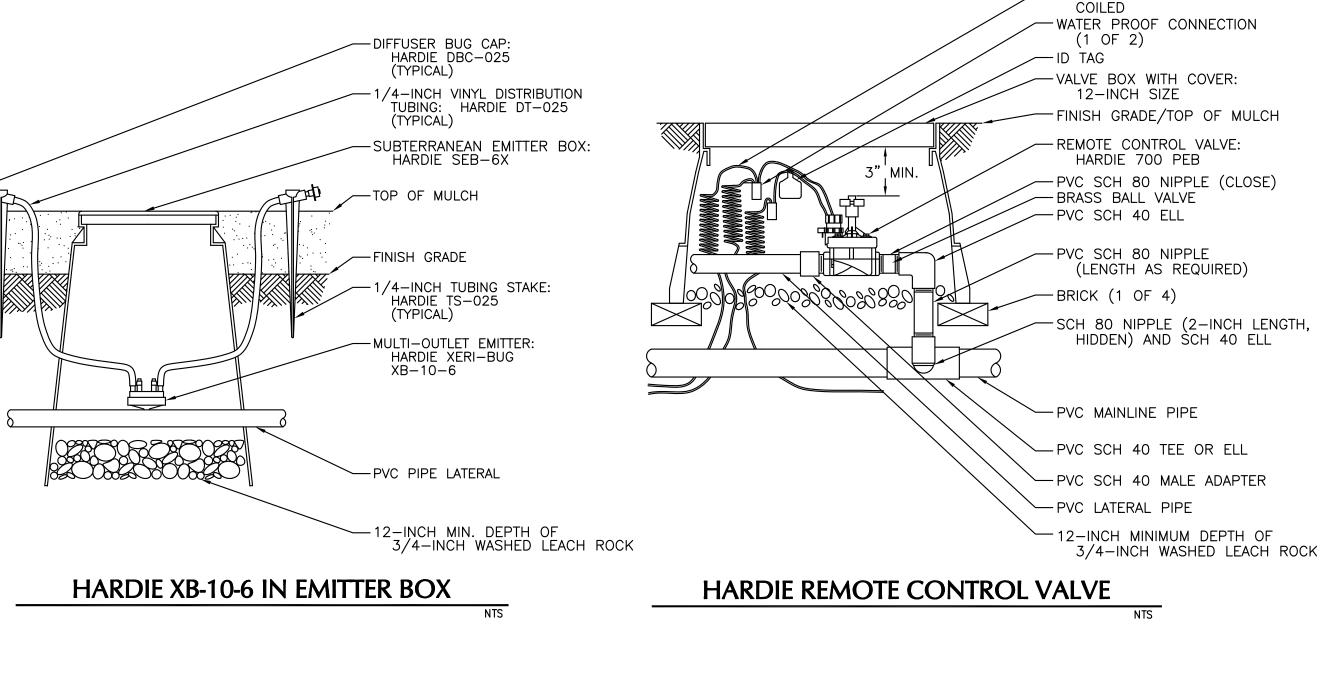


DESERT SANDS UNIT No. 2 LANDSCAPE PLAN



TREE PLANTING DETAIL (15 GAL MIN)





4"X4"X 1/4

STEEL TUBE

STD. HAND

SEE GUSSET PLATE

- CONCRETE @ 28 DAYS

WITH 15% FLYASH

AND 2% AIR.

3" CLR. (TYP.)

DETAIL BELOW

16"X16"X3/4"

STEEL PLATE

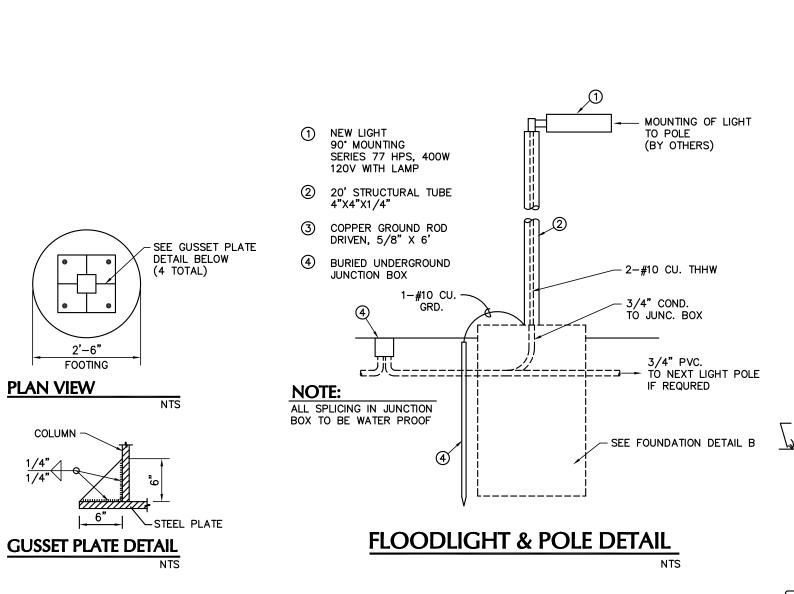
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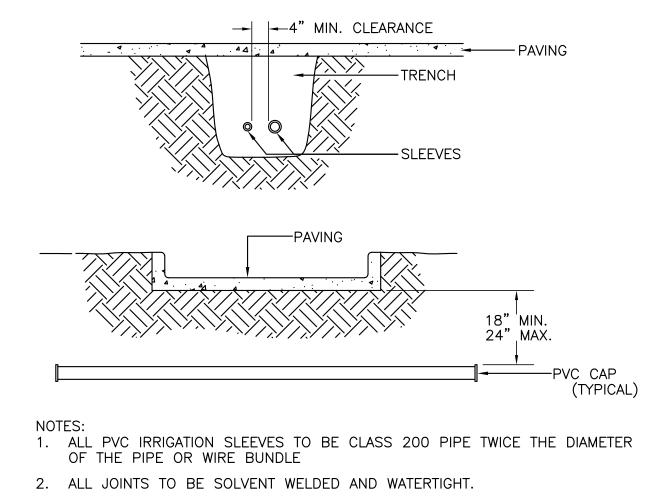
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SHRUB PLANTING DETAIL (5 GAL MIN)

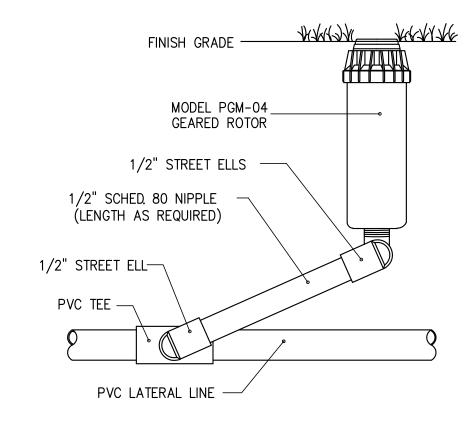
L--4----

#4 DOWEL BASKET-



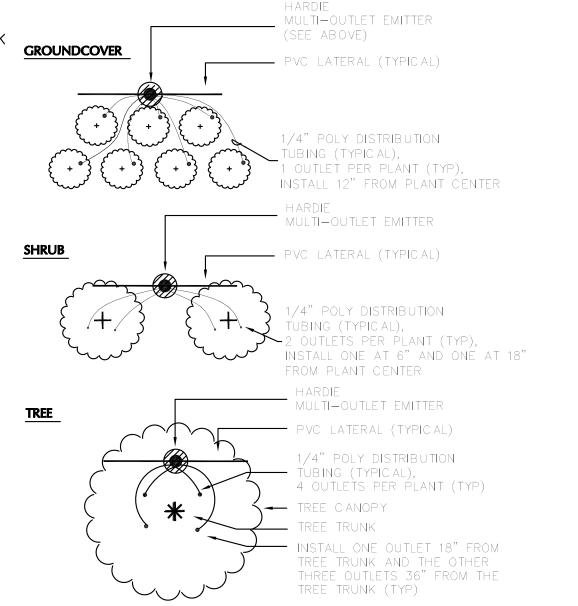


TYPICAL SLEEVING DETAIL



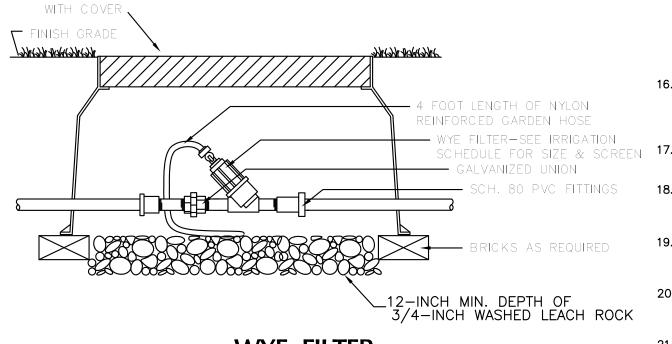
- 30-INCH LINEAR LENGTH OF WIRE,

HUNTER PGM-04 ROTORY SPRINKLER (SWING INSTALLATION)

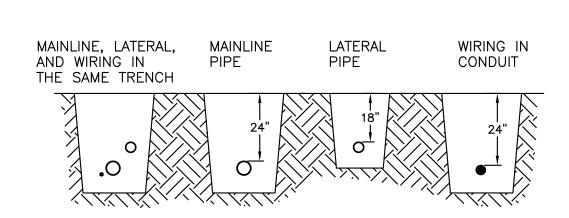


EMITTER LAYOUT SCHEMATIC

NOTE: ALL EMITTERS TO HAVE A PROTECTING COVER BOX



WYE FILTER



PLASTIC VALVE BOX

SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH CLASS 200 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.

TRENCH DETAIL

GENERAL NOTES

- ALL MAIN AND LATERAL LINES SHALL BE SNAKED FROM SIDE TO SIDE OF TRENCHES TO ALLOW OR EXPANSION AND CONTRACTION.
- 2. ALL PARTS SHALL BE "HUNTER" OR APPROVED EQUAL.
- 3. SWING JOINTS SHALL BE INSTALLED FOR ANY SPRINKLER WITH 3/4" & LARGER INLET SIZE, USING
- MAINS AND LATERALS: SCHEDULE 40 PVC. RISERS FOR SPRINKLERS AND ELECTRICAL CONTROL VALVES SHALL BE OF SCHEDULE 80 PVC

SHOULD BE CONTINUOUS AND SMOOTH, FREE OF ROCKS AND RUBBISH. AREAS WITH LEDGE ROCK, HARDPAN OR ROCKY SOIL SHALL BE PADDED WITH SAND OR FINE GRAINED SOIL. THE TRENCHES FOR THE MAINS SHALL BE 18"-24" BELOW EXISTING GRADE. THE TRENCHES FOR THE SPRINKLER LATERALS SHALL BE 6"-12" BELOW THE SURFACE.

- 6. BACKFLOW PREVENTERS:
- A. SHALL BE CONSTRUCTED OF BRASS AND STAINLESS STEEL, BRASS BODY AND ACCESSORY CONSTRUCTION WITH REPLACEABLE SEATS, STAINLESS STEEL TRIM AND REMOVABLE BRASS
 - CHECK VALVE AND RELIEF VALVE ASSEMBLIES SHALL BE CONSTRUCTED WITH TIGHT SEATING
- C. SHALL INCLUDE TWO BRASS AND STAINLESS STEEL GATE OR BALL VALVES FOR ISOLATING
- UNIT AND TESTING SYSTEM. SHALL BE INSTALLED 12" HIGHER THAN THE HIGHEST SPRINKLER HEAD. THE BACKFLOW
- PREVENTERS SHALL BE SUPPORTED ABOVE GROUND WITH GALVANIZED PIPE WRAPPED WITH
- 7. MANUAL SHUT-OFF VALVES: SHALL BE CONSTRUCTED OF BRASS AND STAINLESS STEEL, HEAVY-DUTY, AND CONTAIN ANGLE OR BALL TYPE VALVES. IF IT WILL BE INSTALLED ABOVE GROUND, IT SHALL BE SUPPORTED BY GALVANIZED PIPE WRAPPED WITH PIPE TAPE. IF INSTALLED AT GROUND LEVEL OR BELOW, IT SHALL BE SUPPORTED BY SCHEDULE 80 PVC PIPE. ALL VALVES SHALL BE ENCLOSED WITHIN HEAVY DUTY PLASTIC VALVE BOXES WITH LIDS.
- 8. SOLVENTS AND PRIMERS: ONLY SOLVENTS AND PRIMERS RECOMMENDED BY THE PIPE AND FITTING MANUFACTURER SHALL BE USED. ALL EXCESS SOLVENT SHALL BE REMOVED FROM PIPE AND FITTINGS.

9. PLASTIC FITTINGS:

THREADED FITTINGS SHALL BE TREATED WITH A NON-HARDENING PIPE DOPE ON ALL PLASTIC TO METAL THREADED JOINTS. SLIP FITTINGS SHALL BE USED WHEN INSTALLING RISERS TO THE

10. ELECTRIC REMOTE CONTROL VALVES:

SPRINKLERS, ALLOWING EASIER INSTALLATION OF NEW RISERS AND SPRINKLERS.

A. SHALL BE CONSTRUCTED OF DURABLE PLASTIC, BODY AND BONNET, CORROSION RESISTANT

- INTERNAL COMPONENTS. MANUAL OPEN AND CLOSE CONTROL FLOW, ADJUSTABLE CONTROL, 24 VOLT SOLENOID COIL.
- ELECTRICAL WIRING TO SOLENOID SHALL BE INSTALLED WITH EXPANSION CURLS. ALL ELECTRICAL VALVES SHALL BE ENCLOSED IN HEAVY DUTY VALVE BOXES WITH LIDS. LIDS SHALL BE LEVEL WITH THE GROUND, 3/8" ROCK SHALL BE PLACED UNDER ALL ELECTRIC
- ELECTRICAL WIRING FOR VALVES SHALL 14 GAUGE, LOW VOLTAGE, RATED FOR DIRECT BURIAL, AND WEATHER RESISTANT. ALL CONNECTIONS SHALL BE DONE WITH WIRE CONNECTORS AND PROTECTED WITH SEALANT APPROVED BY MANUFACTURER.

11. IRRIGATION CONTROLLERS:

VALVES AT A DEPTH OF 8"-12".

- SHALL BE ELECTRO-MECHANICAL OR MICRO-ELECTRONICS SOLID STATE. SHALL BE CAPABLE OF FULLY AUTOMATIC OR MANUAL OPERATION OF THE SYSTEM.
- SHALL BE HOUSED IN A WALL OR PEDESTAL MOUNTABLE HEAVY DUTY METAL OR PLASTIC WEATHER PROOF CABINET.
- CONTROLLERS SHALL OPERATE ON 120 VOLTS A.C. POWER INPUT AND BE CAPABLE OF OPERATING 24-VOLT A.C. ELECTRIC REMOTE CONTROL VALVES. THE CONTROLLERS SHALL
- HAVE A RESET CIRCUIT BREAKER TO PROTECT FROM POWER OVERLOAD. THE CONTROLLERS SHALL HAVE FEATURES FOR SETTING IRRIGATION RUNNING TIMES, DAYS AND HOURS, A 14 DAY CALENDAR AND SHALL HAVE THE CAPABILITY OF BEING PROGRAMMED TO OPERATE FOR 1-60 MINUTES IN ONE MINUTE INCREMENTS.

12. SPRINKLERS:

POP-UPS ARE TO BE SPACED FROM 5 TO 24 FEET APART FOR 15 TO 30 PSI WORKING PRESSURE. POP-UP HEIGHT SHALL BE 4" AND BE CONSTRUCTED OF PLASTIC AND STAINLESS STEEL MATERIALS WITH HEAVY DUTY STAINLESS STEEL RETRACT SPRING. NOZZLES SHALL BE INTERCHANGEABLE FOR DIFFERENT PATTERNS, HAVE A 12-15 FOOT RADIUS, HAVE ADJUSTABLE WATER FLOW, UNDER NOZZLE FILTERS, AND FULL-FLOW INLET OPENING.

13. FULL OR PART-CIRCLE IMPACT ROTOR SPRINKLERS:

- PRECIPITATION RATE: 18.79 INCHES PER HOUR.
- SPACING: 28 TO 54 FEET APART. OPERATING PRESSURE: 25 TO 60 PSI. INTERCHANGEABLE STANDARD TRAJECTORY, HEAVY-DUTY PLASTIC CASE, 3" POP-UP HEIGHT, ADJUSTABLE ARM SPRING, STRAIGHT THROUGH FLOW, FULL OR ADJUSTABLE ARC (20 TO 340 DEGREES), AND DISTANCE CONTROL DIFFUSER PIN.
- 14. ADJUSTABLE RADIUS GEAR DRIVEN SPRINKLER:

INTERCHANGEABLE NOZZLES, ADJUSTABLE PRECIPITATION RATE, AND 4" POP-UP HEIGHT. CONSTRUCTED OF HEAVY-DUTY PLASTIC AND STAINLESS STEEL MATERIALS.

15. MISCELLANEOUS INFORMATION:

- A. LOCATION OF ELECTRIC CONTROL VALVES: WHERE POSSIBLE VALVES SHALL BE LOCATED IN SERIES ALONG THE MAIN WATERLINE OR OFF A MANIFOLD NEXT TO THE WATER METER. ALL ELECTRIC VALVES SHALL BE CONNECTED TO THE MAIN WATERLINE WITH SCHEDULE 80
- RISERS. ALL ELECTRIC VALVES SHALL BE 4" TO 6" BELOW THE SURFACE. ALL TRENCHES SHALL BE BACKFILLED AND LEVELED. ALL MAIN AND LATERAL LINES SHALL BE SNAKED FROM SIDE TO SIDE OF TRENCHES TO ALLOW FOR EXPANSION AND CONTRACTION. ALL SPRINKLER HEADS SHALL BE LEVELED TO THE TERRAIN, ADJUSTED PROPERLY, AND PRESSURE TESTED. ALL ELECTRICAL WIRING FOR THE IRRIGATION SYSTEM SHALL BE PLACED ALONGSIDE THE MAINLINES, FREE OF CUTS AND/OR FOLDS.
- 16. IRRIGATION SYSTEM IS DIAGRAMMATIC AND SHOULD BE VERIFIED IN THE FIELD BY THE CONTRACTOR. IF CHANGES ARE NOTED IN THE FIELD, THE CONTRACTOR SHALL NOTIFY ENGINEER AND OWNER PRIOR TO INSTALLATION OF IRRIGATION EQUIPMENT. CONTRACTOR TO PROVIDE ENGINEER WITH ONE SET OF "AS-BUILTS" OF THE COMPLETE IRRIGATION SYSTEM.
- IRRIGATION CONTRACTOR TO COORDINATE WITH PAVING CONTRACTOR TO ENSURE THAT ALL
- NECESSARY UNDERGROUND PIPING, SLEEVES AND WIRES ARE INSTALLED PRIOR TO PAVING. IRRIGATION LINE TO BE 6" MIN. ABOVE OTHER UNDERGROUND UTILITY LINES. WHERE CONFLICTS
- OCCUR BETWEEN THE IRRIGATION LINE AND OTHER UNDERGROUND UTILITIES, THE IRRIGATION LINE IS TO PASS A MIN. OF 6" BELOW THE UTILITY LINE. 19. ROUTE AND LOCATE NEW IRRIGATION LINES AND ELECTRIC VALVES AS NECESSARY TO PROVIDE A
- FINISHED PRODUCT WITH ADEQUATE PRESSURES TO COVER TURF AREAS SUFFICIENTLY. PROVIDE SEPARATE ZONES FOR EMITTERS AND TURF AREAS. 20. CONTRACTOR SHALL BE RESPONSIBLE FOR FULL WATER COVERAGE WITH THE SPRINKLER SYSTEM. ANY ADJUSTMENTS OR ADDED SPRINKLERS NECESSARY TO OBTAIN FULL COVERAGE SHALL BE
- COMPLETED BY THE CONTRACTOR AT NO COST TO THE OWNER.

21. DECOMPOSED GRANITE SHALL BE INSTALLED IN THE FOLLOWING MANNER. A. REMOVE ALL WEEDS AND DEBRIS FROM AREAS DESIGNATED FOR DECOMPOSED GRANITE. EXCAVATE EXISTING GRADE NEAR SURROUNDING CURBS, WALKS, AND OTHER PAVED

- SURFACES THAT SURROUND DECOMPOSED GRANITE AREAS SO THAT THE FINISHED GRADE OF THE COMPACTED DECOMPOSED GRANITE WILL BE 1" BELOW GRADE OF SURROUNDING PAVED AREAS. WHERE GRADE ADJACENT TO PAVED SURFACE (AND TO RECEIVE DECOMPOSED GRANITE) IS HIGHER THAN PAVED SURFACE OR IMMEDIATELY SLOPES UP, MAKE A SMOOTH GRADE TRANSITION TO THE HIGHER GRADE OR SLOPE UP.
- SMOOTH SUBGRADE FREE OF LARGE CLODS AND ROCKS 1" IN DIAMETER AND LARGER. APPLY PRE-EMERGENT PER MANUFACTURER'S RECOMMENDATIONS ON ALL AREAS TO HAVE DECOMPOSED GRANITE INSTALLED. PRE-EMERGENT SHALL BE APPLIED BY QUALIFIED AND CERTIFIED PERSONNEL USING APPROPRIATE SAFETY EQUIPMENT AND PRECAUTIONS AS
- DETERMINED BY ARIZONA STATE REGULATORY AGENCIES. APPLY DECOMPOSED GRANITE TO DEPTH REQUIRED TO ACHIEVE 2" AFTER COMPACTION. ALL DECOMPOSED GRANITE AREAS SHALL BE RAKED, DAMPENED, COMPACTED, AND ROLLED
- 22. CONTRACTOR SHALL MAINTAIN A TEN FOOT (10') CLEARANCE BETWEEN DEEP ROOT PLANTINGS AND OVERHEAD OR UNDERGROUND PUBLIC UTILITIES. TREES SHALL NOT BE PLANTED WITHIN UTILITY EASEMENTS.
- 23. ALL EMITTERS WILL HAVE A PROTECTING COVER BOX
- 24. NO FLOODLIGHTS ALLOWED IN ROADSIDE OR MEDIAN LANDSCAPE.
- 25. POWER FOR IRRIGATION CONTROLLERS TO COME FROM STREET LIGHTS.

DESERT SANDS UNIT No. 2

Exhibit B

Legal Description

Municipal Improvement District Area – Desert Sands Unit No. 2

That portion of Section 15, Township 9 South, Range 22 West of the Gila and Salt River Base and Meridian, Yuma County, Arizona, more particularly described as follows:

Beginning at the East quarter corner of said Section 15;

Thence South 89°53'44" West along the North line of the Southeast quarter of said Section 15 a distance of 1296.80 feet to the TRUE POINT OF BEGINNING;

Thence South 00°13'51" East a distance of 661.86 feet:

Thence South 89°46'09" West a distance of 110.00 feet;

Thence South 00°13'51" East a distance of 123.00 feet;

Thence South 89°46'09" West a distance of 95.00 feet:

Thence South 44°46'09" West a distance of 21.21 feet:

Thence South 89°46'09" West a distance of 58.00 feet:

Thence South 00°13'51" East a distance of 97.00 feet;

Thence South 89°46'09" West a distance of 858.09 feet:

Thence South 00°13'51" East a distance of 97.00 feet:

Thence South 45°13'51" East a distance of 21.21 feet;

Thence South 00°13'51" East a distance of 58.00 feet;

Thence South 44°46'09" West a distance of 21.21 feet;

Thence South 00°13'51" East a distance of 200.00 feet:

Thence South 45°13'51" East a distance of 21.21 feet:

Thence South 00°13'51" East a distance of 58.00 feet;

Thence South 44°46'09" West a distance of 21.21 feet;

Thence South 89°46'09" West a distance of 58.00 feet;

Thence North 45°13'51" West a distance of 21.21 feet;

Thence South 89°46'09" West a distance of 62.31 feet;

Thence South 44°46'33" West a distance of 35.36 feet;

Thence South 89°46'56" West a distance of 58.00 feet;

Thence North 00°13'04" West along the West line of the Southeast quarter of said Section 15 a distance of 772.83 feet;

Thence North 89°53'44" East a distance of 688.23 feet:

Thence North 00°13'51" West a distance of 610.00 feet:

Thence North 89°53'44" East along the North line of the Southeast quarter of said Section 15 a distance of 666.00 feet to the TRUE POINT OF BEGINNING;

Aforementioned parcel contains approximately 19.6964 acres.

Exhibit C

Boundary Map

Municipal Improvement District Area - Desert Sands Unit No. 2

